GeoDesign Inc

UPDATED PHASE II ENVIRONMENTAL SITE ASSESSMENT

Modera Morrison
1120 SE Morrison Street
Portland, Oregon

For
Mill Creek Residential Trust
August 28, 2019

GeoDesign Project: MillCreek-19-01-03

GeoDesign INC

August 28, 2019

Mill Creek Residential Trust
220 NW 2nd Avenue
Portland, OR 97209

Attention: Sam Rodriguez

Updated Phase II Environmental Site Assessment
Modera Morrison
1120 SE Morrison
Portland, Oregon
GeoDesign Project: MillCreek-19-01-03

GeoDesign, Inc. is pleased to submit this updated report summarizing the results of a Phase II ESA conducted at the Modera Morrison site located at 1120 SE Morrison Street in Portland, Oregon. Our services were performed in accordance with our proposals dated March 7, 2019 and July 1, 2019 and emailed authorization received on July 30, 2019.

We appreciate the opportunity to be of service to Mill Creek Residential Trust. Please contact us if you have questions regarding this report.

Sincerely,

GeoDesign, Inc.

Jason O'Donnell, R.G.
Principal Geologist

cc: Cassidy Bolger, Mill Creek Residential Trust (via email only)

KRS:JSO:kt
Attachments
One copy submitted (via email only)
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ACRONYMS AND ABBREVIATIONS

AC	asphalt concrete
AST	aboveground storage tank
ASTM	American Society for Testing and Materials
BGS	below ground surface
BS	blank spike
BSD	blank spike duplicate
CFSL	Clean Fill Screening Level
DEQ	Oregon Department of Environmental Quality
EPA	U.S. Environmental Protection Agency
ESA	Environmental Site Assessment
FINDS	Facilities Index System/Facility Registry System
GPR	ground penetrating radar
HREC	historical recognized environmental condition
ICP-MS	inductively coupled plasma mass spectrometry
I.D.	identification
IDW	investigation-derived waste
LUST	Leaking Underground Storage Tank
mg/kg	milligrams per kilogram
mg/L	milligrams per liter
MHz	megahertz
MRL	method reporting limit
MS	matrix spike
MSD	matrix spike duplicate
MTBE	methyl tertiary butyl ether
NA	not applicable
NE	not established
OAR	Oregon Administrative Rule
OWRD	Oregon Water Resources Department
PAH	polycyclic aromatic hydrocarbon
PCB	polychlorinated biphenyl
PCE	tetrachloroethene
PID	photoionization detector
ppm	parts per million
PRT	Post Run Tubing
QC	quality control
RBC	risk-based concentration
RBDM	*Risk-Based Decision Making for the Remediation of Petroleum-Contaminated Sites*
RCRA	Resource Conservation and Recovery Act
REC	recognized environmental condition
RGA	Recovered Government Archive
RPD	relative percent difference
SWMP	Soil Water Management Plan
SWPE	Solid Waste Permit Exemption

TCE	trichloroethene
TCLP	Toxicity Characteristic Leaching Procedure
TMB	trimethylbenzene
UCL	upper confidence limit
$\mu g/m^3$	micrograms per cubic meter
UST	underground storage tank
VOC	volatile organic compound

1.0 INTRODUCTION

This updated report summarizes the results of Phase II ESA activities conducted at the Modera Morrison site located at 1120 SE Morrison Street in Portland, Oregon (Property). The 0.86-acre Property includes Tax Lot 5100 of Multnomah County Tax Map 1S1E02BA. The Property includes the entire city block (Block 245) located southeast of the intersection of SE Morrison Street and SE 11th Avenue. The Property is currently occupied by a 19,593-square-foot commercial structure and an AC-paved parking lot.

Based on preliminary information provided by Mill Creek Residential Trust, GeoDesign understands that the proposed development will include demolition of the existing structure and construction of a new mixed-use building consisting of ground floor (first floor above the parking level) retail spaces, building services, common areas and apartment units, and apartment units on levels two through seven. The proposed building will be seven stories tall with one level of underground parking on the west side of the structure and two levels of underground parking on the east side of the structure.

The Phase II ESA activities summarized in this report were conducted in three phases. The initial phase of work was conducted in May 2019 and is summarized in our initial Phase II ESA report dated July 30, 2019. The initial Phase II ESA report was submitted to DEQ on July 30, 2019 to support our SWPE request. This report has been updated to include two additional phases of work conducted on July 18 and 30, 2019. The purpose of the additional phase of work conducted on July 18, 2019 was to (1) evaluate soil conditions adjacent to two USTs identified beneath the north sidewalk of SE Belmont Street that adjoins the project site and (2) delineate the extent of shallow lead-containing fill at concentrations greater than the DEQ CFSL in the vicinity of direct-push boring DP-4. The purpose of the additional phase of work conducted on July 30, 2019 was to further delineate the extent of shallow lead-containing fill in the vicinity of boring DP-4 (in support of our SWPE).

The Property is shown relative to surrounding physical features on Figure 1. The Property layout is shown on Figure 2. Acronyms and abbreviations used herein are defined above, immediately following the Table of Contents.

2.0 BACKGROUND AND REGULATORY STATUS

Our review of historical sources from 1889 through 2019 indicated that the Property was vacant land until sometime prior to 1901. By 1901 a residence was constructed on the southeast portion of the Property. By 1909 additional residences and a telephone office had been constructed. By 1924 a pie bakery was constructed on the southwestern portion of the Property. By 1969 the residences were demolished and a parking lot was constructed. By 2005 the Property was occupied by AJP Northwest and A&S Marketing. The Property has remained relatively unchanged since that time. The Property currently consists of office space and a warehouse for the storage and sale of paper products, janitorial supplies, and tobacco products.

According to information obtained during GeoDesign's Phase I ESA, the following two LUST file numbers pertain to the Property: 26-16-1462 and 26-91-0267. In addition, the Property is listed

on the DEQ RGA LUST and DEQ UST databases and the EPA FINDS database. The DEQ RGA LUST database contains a list of leaking UST incidents derived from historical databases and includes many records that no longer appear in current government lists. The DEQ UST database includes a listing of facilities with registered USTs. The Property is identified on the DEQ UST database as UST Facility I.D. 6680. The EPA FINDS database is an inventory or reference list and does not imply a release or REC at the Property. Further information regarding the LUST files and the UST database listing are summarized in Section 3.0.

DEQ reviewed GeoDesign's application for an SWPE determination, dated July 30, 2019, and issued a letter, dated August 22, 2019, concluding that the soil proposed for excavation at the Property (with the exception of lead- and benzo(a) pyrene-containing fill within the main parking lot) is essentially the same as clean fill and is exempt from solid waste permitting regulations pursuant to OAR 340-0093-0080 (2). The lead- and benzo(a)pyrene-containing fill present in the main parking lot that does not meet DEQ's definition of clean fill was further delineated during the July 30 Phase II investigation, the results of which are presented herein. GeoDesign's SWPE request and DEQ's August 22, 2019 SWPE are presented in Appendix A.

3.0 PREVIOUS ENVIRONMENTAL INVESTIGATIONS

GeoDesign performed a Phase I ESA of the Property in 2019. The results of the Phase I ESA are summarized in the Phase I ESA report prepared by GeoDesign dated May 16, 2019. The May 16, 2019 Phase I ESA revealed the following:

- Residual petroleum hydrocarbons and related constituents in soil associated with a former heating oil UST located in the sidewalk adjacent to the southwest portion of the Property (LUST File No. 26-16-1462) represents a REC at the Property.
- LUST File No. 26-91-0267 associated with two former gasoline USTs located on the northwest portion of the Property represents an HREC at the Property.
- The historical presence of a decommissioned in-place UST on the Property represents a REC at the Property.
- Historical records of one heating oil UST and one heating oil AST located on the Property represent a REC in connection with the Property.
- Evidence of two USTs located in the sidewalk along SE Belmont Street adjacent south of the Property and one UST located in the parking lot on the east portion of the Property represents a REC at the Property.
- Chemical constituents identified in groundwater beneath the Piacentini Property, located approximately 130 feet southeast of the Property (upgradient of the Property relative to the groundwater flow direction), represents a REC at the Property. Based on our review of environmental information for surrounding sites, it is possible that chemical constituents may be present in groundwater beneath the Property from multiple off-site sources
- A suspect circular feature was observed in the east-central portion of the Property's main parking lot and could not be ruled out as a possible drywell.

Based on the results of the Phase I ESA, GeoDesign recommended conducting a Phase II ESA at the Property (including a geophysical survey) to evaluate potential releases from the former and existing on- and off-site USTs and the potential drywell. GeoDesign also recommended that the

Phase II ESA should include a clean fill evaluation to evaluate the quantity of soil that may need to be disposed of as solid waste if exported during future redevelopment.

4.0 SCOPE OF SERVICES

4.1 INITIAL PHASE II ESA

The purpose of the initial Phase II ESA was to evaluate the nature and extent of potential chemical constituents in various media at the Property. The initial Phase II ESA scope of services was developed to evaluate the RECs identified during the Phase I ESA and to confirm the presence or absence of the on- and off-site USTs and the potential drywell. In addition, the initial Phase II ESA was conducted to evaluate chemical constituents in soil with respect to risk to human health (by comparison to DEQ RBCs) and with respect to DEQ CFSLs to estimate the quantity of soil that may need to be disposed of as solid waste if exported during future redevelopment. The specific scope of services conducted at the Property included the following:

- Coordinated and managed the field investigation, including utility checks, Property access authorizations, access preparations, and scheduling subcontractors and GeoDesign field staff.
- Subcontracted a geophysical surveyor to conduct a geophysical survey in the accessible exterior portions of the Property to evaluate for the presence of magnetic anomalies (including potential USTs) and drywells.
- Contacted the Oregon Utility Notification Center to mark the locations of public utilities beneath the rights-of-way surrounding the Property.
- Subcontracted a private utility locator to clear an approximately 10-foot radius around each proposed boring location.
- Subcontracted ESN Northwest Inc. of Olympia, Washington, to advance 17 direct-push borings (DP-1 through DP-17) to depths of up to 30 feet BGS.
- Advanced two hand auger borings (HA-1 and HA-2) to depths of 16 feet and 10 feet BGS, respectively, using hand-held equipment owned and operated by GeoDesign.
- Collected continuous soil samples from each boring for visual evaluation and field screening. Field screening consisted of visual observation, water sheen testing, and headspace vapor measurements using a hand-held PID.
- Based on the results of field screening and/or the boring locations relative to features of interest (such as the USTs and the suspect circular features), submitted two soil samples from borings DP-5, DP-6, DP-7, DP-11 and DP-12 and one sample from boring HA-1 for hydrocarbon identification analysis by Method NWTPH-HCID. In addition, submitted up to three soil samples from each boring (except boring DP-17) for analysis of one or more of the following:
  - VOCs by EPA Methods 5035A/8260C
  - RCRA 8 total metals by EPA Method 6020A (ICP-MS)
  - Leachable lead by EPA Methods 1311/6020A (ICP-MS)
  - PAHs by EPA Method 8270D SIM
  - PCBs by EPA Method 8082A

- Advanced two additional borings (SG-1 and SG-2) for the purpose of collecting soil gas samples and collected one sub-slab vapor sample (SV-1) to evaluate potential future vapor intrusion conditions as follows:
  - Advanced the Geoprobe PRT system to a predetermined depth in SG-1 and SG-2 using equipment owned and operated by ESN Northwest Inc. of Olympia, Washington.
  - Drilled a ¼-inch-diameter hole through the concrete floor slab of the basement using equipment owned and operated by GeoDesign to facilitate collection of sub-slab vapor sample SV-1.
  - Connected new Teflon® tubing to the PRT system (for SG-1 and SG-2) and the new Teflon® tubing advanced below the concrete floor slab (for SV-1) to laboratory-supplied summa canisters.
  - Sealed the annular spaces between the vapor point and the boring sidewall and between the tubing and the concrete floor slab with hydrated bentonite to minimize ambient air migration into the sampling zone.
  - Installed a leak-check system at the soil gas and sub-slab vapor sample locations.
  - Collected the soil gas samples and the sub-slab vapor sample using 1-liter summa sample canisters with in-line filters (2 microns) and flow controllers (less than 200 milliliters per minute). The initial and final vacuum pressures of each summa canister were measured and recorded on the laboratory chain-of-custody form.
- Submitted the soil gas samples to a chemical analytical laboratory for analysis of gasoline-range hydrocarbons and VOCs by EPA Method TO-15.
- Following sampling, abandoned each borehole in accordance with OWRD rules and regulations and repaired the ground surface, as appropriate.
- Placed soil cuttings and decontamination water in Department of Transportation-approved drums for temporary storage at the Property and pending disposal at an approved facility.
- Summarized the results of the Phase II ESA in this report.

4.2 SOUTH USTS/LEAD-CONTAINING FILL INVESTIGATION

The purpose of the south USTs/lead-containing fill investigation conducted on July 18, 2019 was to (1) evaluate soil conditions adjacent to the two USTs identified beneath the north sidewalk of SE Belmont Street that adjoins the Property and (2) delineate the extent of shallow lead-containing fill at concentrations greater than the DEQ CFSL in the vicinity of boring DP-4. The specific scope of services conducted during the south USTs/lead-containing fill investigation included the following:

- Contacted Oregon's one-call Utility Notification Center to mark the location of public utilities beneath the Property.
- Obtained a Right-of-Way Closure Permit from the City of Portland.
- Subcontracted a private utility locator to clear the proposed boring locations of utility conflicts prior to drilling.
- Prepared a site-specific Health and Safety Plan.
- Subcontracted a licensed driller to advance seven direct-push borings (DP-18 through DP-24) around the perimeter of the two USTs located in the north sidewalk of SE Belmont Street and eight direct-push borings (DP-25 through DP-32) around former boring DP-4 to depths up to 18 feet BGS.

- Collected continuous soil samples from the borings for field screening purposes. Field screening consisted of visual observation, water sheen testing, and headspace vapor measurements using a hand-held PID.
- Submitted up to two soil samples from borings DP-18 through DP-24 for chemical analysis of gasoline-range hydrocarbons by Method NWTPH-Gx and diesel- and oil-range hydrocarbons by Method NWTPH-Dx. In addition, based on preliminary field screening results, submitted one soil sample from borings DP-19 and DP-23 for the following:
  - VOCs by EPA Methods 5035A/8260C
  - PAHs by EPA Method 8270D SIM
- Submitted up to two soil samples from borings DP-25 through DP-32 for chemical analysis of total lead by EPA Method 6020A (IC-PMS). Based on the total lead results, submitted one soil sample from borings DP-26 and DP-32 for TCLP lead by EPA Method 6020A (ICP-MS).
- Following sampling, abandoned each borehole in accordance with OWRD rules and regulations and repaired the ground surface, as appropriate.
- Placed soil cuttings and decontamination water in Department of Transportation-approved drums for temporary storage at the Property and pending disposal at an approved facility.
- Summarized the results of the south USTs/lead-containing fill investigation in this report.

4.3 SUPPLEMENTAL LEAD-CONTAINING FILL INVESTIGATION

The purpose of the supplemental lead-containing fill investigation phase of work conducted on July 30, 2019 was to further delineate the extent of shallow lead-containing fill in the vicinity of boring DP-4 as requested by DEQ to support the requested SWPE determination request. The specific scope of services conducted during the supplemental lead containing fill investigation included the following:

- Prepared a site-specific Health and Safety Plan.
- Advanced 12 hand auger borings (HA-3 through HA-14) in the vicinity of boring DP-4 to depths of up to 1.6 feet BGS.
- Conducted a limited GPR survey using equipment owned and operated by GeoDesign to identify the location and depth of fill potentially containing lead at concentrations greater than the DEQ CFSL in the main parking lot.
- Collected continuous soil samples from the borings for field screening purposes. Field screening consisted of visual observation, water sheen testing, and headspace vapor measurements using a hand-held PID.
- Submitted up to two soil samples from borings HA-4 through HA-14 for chemical analysis of total lead by EPA Method 6020A (ICP-MS). Based on the total lead results, submitted one soil sample from borings HA-7, HA-10 and HA-11 for TCLP lead by EPA Method 6020A (ICP-MS). In addition, submitted one sample from borings HA-8 and HA-10 for analysis of the following:
  - Gasoline-range hydrocarbons by Method NWTPH-Gx
  - Diesel- and oil-range hydrocarbons by Method NWTPH-Dx
  - VOCs by EPA Methods 5035A/8260C
  - PAHs by EPA Method 8270D SIM
  - PCBs by EPA Method 8082A

- Following sampling, abandoned each borehole by replacing the soil cuttings into the explorations and repaired the ground surface, as appropriate.
- Summarized the results of the supplemental lead-containing fill investigation in this report.

5.0 FIELD ACTIVITIES

The initial Phase II ESA field activities were performed on May 4, 11, and 15, 2019 and included (1) a geophysical survey, (2) collecting soil samples from 16 direct-push soil borings (DP-1 through DP-16) and two hand auger borings (HA-1 and HA-2) for chemical analysis, and (3) collecting soil gas samples from two borings (SG-1 and SG-2) and a sub-slab vapor sample (SV-1) for chemical analysis. The south USTs/lead-containing fill investigation field activities were performed on July 18, 2019 and included collecting soil samples from 15 direct-push soil borings (DP-18 through DP-32) for chemical analysis. The supplemental lead-containing fill investigation field activities were performed on July 30, 2019 and included collecting soil samples from 12 hand auger borings (HA-3 through HA-14) for chemical analysis. Upon completion of all sampling activities the borings were backfilled in accordance with OWRD rules and regulations and the ground surface was patched. The locations of direct-push borings DP-1 through DP-32, hand auger borings HA-1 through HA-14, soil gas borings SG-1 and SG-2, and sub-slab vapor point SV-1 are shown on Figures 2 and 3. A description of our field procedures is summarized in Appendix B. The geophysical survey and soil, soil gas, and/or sub-slab vapor sampling activities conducted during the initial Phase II ESA, the south USTs/lead-containing fill investigation, and the supplemental lead-containing fill investigation are described below.

5.1 GEOPHYSICAL SURVEY

On May 4, 2019 Pacific Geophysics of Portland, Oregon, conducted a geophysical survey of the exterior portions of the Property (including the adjacent sidewalks) using GPR and radio detection transmitter equipment. The objective of the geophysical survey was to (1) identify the location, depth, and orientation of two known USTs beneath the sidewalk adjacent south of the Property; (2) confirm the removal of the gasoline USTs in the small parking lot/loading dock area at the northwest corner of the Property; (3) identify the location, depth, and orientation of the suspected decommissioned in-place UST immediately east of the Property structure in the main parking lot; (4) determine the location of the piping associated with a catch basin located in the small parking lot/loading dock area; (5) determine the location of the piping associated with a catch basin located in the main parking lot; and (6) evaluate two suspect circular features in the main parking lot (potential drywells). The report prepared by Pacific Geophysics, dated May 17, 2019, is presented in Appendix C. The results of the geophysical survey are briefly summarized in Sections 5.1.1 through 5.1.6.

On July 30, 2019 GeoDesign conducted a limited GPR survey of the main parking lot to identify the location and depth of shallow fill suspected of containing lead at concentrations greater than the DEQ CFSL. The results of the limited GPR survey are discussed in Section 5.1.7.

5.1.1 USTs – South Adjacent Sidewalk

Two off-site USTs were confirmed located beneath the sidewalk adjacent south of the Property (Figure 2). The access ports to both USTs were opened, revealing brick-lined manways to secured lids on the top of the USTs. The lids could not be opened at the time of the survey, and

the depths to the bottom of the USTs could not be measured. The tops of the USTs were measured between approximately 4 and 5 feet BGS. Based on the results of the geophysical survey, the western UST is approximately 15 feet long and the eastern UST is likely similar in length (as underground utilities prevented an accurate location of the east end of the eastern UST). The width of both USTs appears to be approximately 4 to 5 feet. Therefore, it is likely the bottoms of the USTs are approximately 8 to 10 feet BGS.

5.1.2 Removed USTs – Small Parking Lot/Loading Dock Area

The geophysical survey did not reveal the presence of metallic objects within the area of the asphalt patch (Figure 2) visible at the surface of the parking lot/loading dock area. Reflections typical of a UST excavation were observed across the patch. Although several tank-like reflections were observed in parallel profiles conducted at the east end of the assumed former UST pit, corresponding magnetic anomalies were not observed. The reflections were irregular in the profiles conducted in a perpendicular direction. The geophysical survey report indicates that it is unlikely the reflections are from a UST and are more likely debris, but the existence of a non-metallic tank cannot be ruled out. Given the historical information reviewed and summarized in GeoDesign's Phase I ESA report, dated May 16, 2019, it is likely the two former gasoline USTs were removed as previously reported by others.

5.1.3 On-Site Decommissioned In-Place UST – Main Parking Lot

The location and orientation of one on-site UST was identified in the main parking lot immediately east of the Property structure (Figure 2). The fill port and access port to the UST were located and opened. The cap to the fill port was removed and the depth of the UST and residual product were gauged. The top of the UST is approximately 4.6 feet BGS, the bottom of the UST is approximately 11 feet BGS, and approximately 2.75 feet of sludge was measured in the UST at the location of the fill port. Granular backfill material was observed to the top of the access port. Presumably, this material was used to "decommission" the UST in place in 1988. The length of the decommissioned in-place UST could not be accurately determined due to interference from nearby parked vehicles.

It is possible this UST is the same UST that was documented as decommissioned in place in DEQ's files that were reviewed as part of GeoDesign's Phase I ESA. However, since detailed documentation regarding the former location of the decommissioned in-place UST were not available or provided, GeoDesign cannot be certain the observed decommissioned in-place UST at the Property is the same decommissioned in-place UST noted in DEQ's files.

5.1.4 Catch Basin Piping Route – Small Parking Lot/Loading Dock Area

The outflow pipe from the catch basin in the small parking lot/loading dock area extends toward the southwest, beneath the loading dock and likely connects to previously marked storm sewer pipes identified by the City of Portland located beneath the sidewalk adjacent west of the Property (Figure 2). The geophysical survey corroborates the information obtained from James Hyatt (engineering technician with the City of Portland Bureau of Environmental Services) in an interview conducted during our Phase I ESA. Mr. Hyatt indicated that the City of Portland has records of catch basins permitted on the Property that connect to the Property's sewer line and likely discharge to the City of Portland's combined sewer system.

5.1.5 Catch Basin Piping Route – Main Parking Lot

The outflow pipe from the catch basin in the central portion of the main parking lot extends toward the south for several feet, then elbows approximately 90 degrees, and extends toward the east. The signal was lost, but again picked up in the vicinity of a pair of sewer pipes that were previously marked by the City of Portland (Figure 2). This catch basin appears connected to the City of Portland's sewer system and not to the suspect circular features described in Section 5.1.6. The geophysical survey corroborates the information obtained from Mr. Hyatt in an interview conducted during our Phase I ESA. Mr. Hyatt indicated that the City of Portland has records of catch basins permitted on the Property that connect to the Property's sewer line and likely discharge to the City of Portland's combined sewer system.

5.1.6 Suspect Circular Features – Main Parking Lot

The results of the geophysical survey conducted in the vicinity of the circular features near the east-central portion of the main parking lot did not identify reflections from buried objects similar to drywells.

Upon completion of the survey in the vicinity of the above features, a suspect circular access port was observed in the sidewalk adjacent north of the Property. The lid to the access port could not be opened. Reflections typical of rebar above a void were observed. A vaulted basement extending beneath the sidewalk spanning the structure's facade may be present. It is possible the port is a coal (or similar fuel) chute or access for a possible tank in the basement or beneath the access port. GeoDesign personnel did not observe the presence of an AST in the basement.

5.1.7 Limited GPR Survey – Main Parking Lot

The results of limited GPR survey conducted in the main parking lot identified three distinctive subsurface "layers" including aggregate base rock (beneath the AC), fill (including demolition debris), and native soil. The thickest zones of demolition debris generally correlated with the locations of the former buildings (residences) identified on the eastern portion of the Property in GeoDesign's Phase I ESA report dated May 16, 2019. In addition, the thicknesses of the identified fill generally correlate with the thickness of the fill material encountered in borings HA-3, HA-4, HA-5, HA-7, HA-10, HA-11, and HA-13. Borings HA-4, HA-8, and HA-10 met refusal due to the debris encountered. The foundation remnants and estimated extent of fill/demolition debris is shown on Figure 3.

5.2 SUBSURFACE INVESTIGATION – SOIL

The direct-push borings were advanced using drilling equipment owned and operated by ESN Northwest, Inc. of Olympia, Washington, to depths between 5 and 20 feet BGS (except for borings DP-4 and DP-17). Boring DP-4 was advanced to a depth of 30 feet BGS to evaluate deeper native soil conditions. Boring DP-17 was advanced to a depth of 2 feet BGS, where it met refusal (possible utility). Borings DP-1 through DP-17 were located on the Property to evaluate potential releases from the USTs, and subsurface conditions beneath the exterior portions of the Property (including the USTs and the suspect circular features near the east-central portion of the Property) and beneath the interior portions of the Property structure (including the basement and main floor of the structure and near the interior floor drains). Borings DP-18 through DP-24 were located off the Property to evaluate soil conditions adjacent to the two USTs identified beneath the north sidewalk of SE Belmont Street that adjoins the Property. Borings DP-25 through DP-32

were located on the Property to delineate the extent of shallow lead-containing fill at concentrations greater than the DEQ CFSL in the vicinity of boring DP-4.

The hand auger borings were advanced with hand-held equipment owned and operated by GeoDesign. Borings HA-1 and HA-2 were advanced to depths of 16 and 10 feet BGS, respectively, to evaluate subsurface conditions within the interior of the structure that could not be accessed by the direct-push drilling equipment. Borings HA-3 through HA-14 were advanced to depths of up to 1.6 feet BGS (unless refusal terminated the boring at a shallower depth) to further delineate the extent of shallow lead-containing fill at concentrations greater than the DEQ CFSL in the vicinity of boring DP-4.

A GeoDesign representative observed the drilling activities and conducted the hand auger boring activities and collected soil samples from the borings for field screening purposes and potential chemical analysis (excluding borings DP-17 and HA-3). Field screening included visual observation, water sheen screening, and headspace vapor screening using a hand-held PID. Field screening evidence of contamination was not observed in soil collected from the borings, with the exception of HA-8 and HA-10. Soil from HA-8 exhibited a slight sheen, a PID reading of 216 ppm, and a petroleum like odor at a depth of approximately 1.3 feet BGS. Soil from HA-10 exhibited a slight sheen, a PID reading of 4,300 ppm, and a petroleum like odor at a depth of 0.3 foot BGS. Field screening results for the soil samples collected from the direct-push borings are shown on the boring logs presented in Appendix B. A description of our field exploration program is also summarized in Appendix B.

5.2.1 Subsurface Conditions

In general, subsurface conditions at the Property consist of alluvial clay, sand, and gravel underlying exterior AC pavement or interior concrete floor slabs. The AC pavement located at the surface of the exterior borings was 1.5 to 6 inches thick. The concrete floor slabs at the locations of the interior borings was 4 to 12 inches thick. Some borings in the main parking lot encountered 3 to 18 inches of aggregate base underlying the AC and up to 7 inches of aggregate base in the small parking lot/loading dock area. Up to approximately 2.7 feet of fill (consisting of concrete rubble, wood, and brick fragments) was encountered beneath the AC and/or aggregate base in select borings advanced in the main parking lot. The thickest zones of fill (building debris) correlate with the locations of the former structures located in the main parking lot. It appears, based on the subsurface conditions encountered in the borings advanced in the main parking lot, that the former structures were demolished and the building debris was used to backfill the foundations and was also spread at various thicknesses throughout the majority of the main parking lot. The approximate limits of the remnant foundations and building debris are shown on Figure 3. Approximately 12 and 19 inches of pea gravel was encountered beneath the concrete floor slab at the locations of interior borings DP-13 and DP-17, respectively.

Alluvial clay, sand, and silt were encountered underlying the AC pavement, concrete floor slab, and/or fill (aggregate base, pea gravel, and construction debris) to the maximum depths explored (with the exception of boring DP-17, which met refusal at 2 feet BGS due to an unidentified obstruction; HA-3, which met refusal at approximately 1.6 feet BGS due to concrete rubble; HA-4, which met refusal at approximately 1.3 feet BGS due to concrete; and HA-8, which met refusal at approximately 1.5 feet BGS due to wood debris). Trace organic remnants (plant-

based remnants) were observed in the alluvial silty sand at depths of 2.5 and 8 feet BGS in boring HA-1. Groundwater was not encountered in the borings but was measured at depths between 34.1 and 35.1 feet BGS in a vibrating wire piezometer installed during our geotechnical investigation in March and April 2019.

5.2.2 Soil Sampling

Up to three soil samples were collected from each boring. A total of 103 soil samples were collected from the borings and submitted to Apex Laboratories (Apex) of Tigard, Oregon, under standard chain-of-custody protocols for one or more of the following analysis:

- Hydrocarbon identification by Method NWTPH-HCID
- Gasoline-range hydrocarbons by Method NWTPH-Gx
- Diesel- and oil-range hydrocarbons by Method NWTPH-Dx
- VOCs by EPA Methods 5035A/8260C
- RCRA 8 total metals by EPA Method 6020A (ICP-MS)
- Leachable lead by EPA Methods 1311/6020A (ICP-MS)
- PAHs by EPA Method 8270D SIM
- PCBs by EPA Method 8082A

Soil sample designations and sample depths are shown in Tables 1 through 5. The chemical analytical program details, laboratory reports, and chain-of-custody documentation are presented in Appendix D.

5.3 SUBSURFACE INVESTIGATION – SOIL GAS

Two soil gas borings (SG-1 and SG-2) were advanced with equipment owned and operated by ESN Northwest, Inc. of Olympia, Washington. The soil gas samples were collected from the borings at approximately 15 feet BGS. The soil gas samples were submitted to PACE Analytical of Mount Juliet, Tennessee, for analysis of gasoline-range hydrocarbons and VOCs by EPA Method TO-15. The soil gas sample designations and chemical analytical data are summarized in Table 6. The chemical analytical program details, laboratory report, and chain-of-custody documentation are presented in Appendix D.

5.4 SUBSURFACE INVESTIGATION – SUB-SLAB VAPOR

One sub-slab vapor sample (SV-1) was collected with equipment owned and operated by GeoDesign. The sub-slab vapor sample was collected immediately beneath the concrete floor slab in the basement of the Property structure. The sub-slab vapor sample was submitted to PACE Analytical of Mount Juliet, Tennessee, for analysis of gasoline-range hydrocarbons and VOCs by EPA Method TO-15. The sub-slab vapor sample designation and chemical analytical data are summarized in Table 6. The chemical analytical program details, laboratory report, and chain-of-custody documentation are presented in Appendix D.

6.0 REGULATORY SCREENING LEVELS

A conceptual site model was not prepared for the project as part of this assessment. However, as described above, GeoDesign understands that redevelopment will include demolition of the existing on-site commercial structure and construction of a new mixed-use, seven-story structure

with one level of underground parking on the west side of the structure and two levels of underground parking on the east side of the structure. The ground floor level (first floor above the parking levels) will include retail spaces and apartment units. The second through seventh levels will consist of apartment units. GeoDesign also understands that groundwater beneath the Property will not be used as a drinking water source in the foreseeable future and the future redevelopment will likely include excavation and off-site disposal of subsurface soil.

Considering the redevelopment plans for the Property, the following DEQ RBCs were selected for comparison of soil and soil gas chemical analytical results obtained during this assessment:

- *Soil Ingestion, Dermal Contact, and Inhalation:* occupational, construction worker, and excavation worker receptors
- *Volatilization to Outdoor Air:* occupational receptors
- *Vapor Intrusion into Buildings:* occupational receptors

The DEQ *Leaching to Groundwater* RBCs are not used for comparison purposes as the *Leaching to Groundwater* exposure pathway is not considered complete due to the fact that the City of Portland provides potable water to the Property and the surrounding properties.

Soil chemical analytical results were compared to DEQ *Soil Ingestion, Dermal Contact, and Inhalation* RBCs for occupational, construction worker, and excavation worker receptors and to DEQ *Volatilization to Outdoor Air* and *Vapor Intrusion into Buildings* RBCs for occupational receptors in Tables 1 through 5. Soil gas and sub-slab vapor chemical analytical results are compared to DEQ *Vapor Intrusion into Buildings* RBCs for occupational receptors in Table 6.

To facilitate characterization of soil for disposal purposes, soil chemical analytical results were also compared to established DEQ CFSLs, updated February 21, 2019. Soil containing chemical constituents at concentrations below the DEQ CFSLs can be re-used on site or disposed of offsite without regulatory restrictions. Soil containing chemical constituents at concentrations greater than DEQ CFSLs must be managed as solid waste and disposed of at a RCRA Subtitle C or D landfill, or other appropriately permitted facility, if exported from the Property. In addition, as recommended in DEQ's internal management directive, updated on February 21, 2019, statistical analysis was used in cases where one or more analytes were detected at concentrations greater than DEQ CFSLs. As noted in the directive, the calculation of a 90% UCL is often an appropriate statistical method to determine if the soil meets DEQ's clean fill criteria. The statistical software ProUCL was used for analysis to select the best-fit UCL based on sample size, data distribution, and skewness. Soil chemical analytical results were compared to the applicable DEQ CFSLs in Tables 1 through 5. The ProUCL-calculated 90% UCLs for select analytes are presented in Table 3. As noted in Table 3, the calculated 90% UCLs exclude data from samples DP-4(0.5-1.5), DP-25(1-1.5), DP-26(1-1.5), DP-27(1-1.5), DP-28(1-1.5), DP-30(1-1.5), DP-31(1-1.5), DP-32(1-1.5), HA-4(0.5-1), HA-5(0.0-0.7), HA-7(0.2-0.7), HA-8(1-1.3), HA-8(1.3-1.5), HA-10(0.3-0.7), HA-11(0.5-1), and HA-13(0.5-1). Fill represented by these samples will be segregated from native soil (that does not exhibit elevated concentrations of contaminants above DEQ CFSLs) and managed separately from native soil. An SWMP will be prepared to provide protocol for the

management of contaminated fill and soil meeting DEQ CFSLs at the Property during redevelopment. The ProUCL output data sheets for the calculated 90% UCLs are presented in Appendix E.

7.0 CHEMICAL ANALYTICAL RESULTS

7.1 SOIL SAMPLE ANALYTICAL RESULTS

A total of 103 soil samples were submitted for chemical analysis. A comparison of the soil sample chemical analytical results to applicable regulatory criteria is shown in Tables 1 through 5 and discussed below. The laboratory reports are presented in Appendix D.

7.1.1 Hydrocarbon Identification

Twenty two[1] soil samples were qualitatively analyzed for hydrocarbon identification by Method NWTPH-HCID. Gasoline-, diesel-, and oil-range hydrocarbons were not qualitatively detected in the soil samples submitted for analysis.

7.1.2 Gasoline-, Diesel-, and Oil-Range Hydrocarbons

Two[2] soil samples were quantitatively analyzed for gasoline-range hydrocarbons by Method NWTPH-Gx and diesel- and oil-range hydrocarbons by Method NWTPH-Dx. Gasoline-range hydrocarbons were detected in sample HA-8(1.3-1.5) at a concentration greater than the DEQ CFSL. Otherwise, gasoline-, diesel-, and oil-range hydrocarbons were not quantitatively detected or were detected at concentrations less than established applicable DEQ RBCs and CFSLs in the soil samples submitted for analysis. DEQ has not established RBCs or CFSLs for oil-range hydrocarbons.

7.1.3 VOCs

Each sample collected from borings DP-1 through DP-16, HA-1, HA-2, HA-8, and HA-10 were analyzed for full scan VOCs by EPA Methods 5035A/8260C. Samples collected from borings DP-19 and DP-23 were analyzed for select VOCs by EPA Methods 5035/8260C. VOCs were not detected at concentrations above the laboratory MRLs in the soil samples submitted for analysis, with the exception of 1,2,4-TMB, 1,3,5-TMB, m-p xylenes, and o-xylenes in sample HA-8(1.3-1.5). VOCs 1,2,4-TMB, 1,3,5-TMB, m-p xylenes, and o-xylenes were detected in this sample at concentrations of 0.134 mg/kg, 0.0752 mg/kg, 0.119 mg/kg, and 0.0678 mg/kg, respectively. These concentrations are less than applicable DEQ RBCs and CFSLs.

7.1.4 RCRA 8 Total Metals

Each sample collected from borings DP-1 through DP-16 was analyzed for RCRA 8 total metals by EPA Method 6020A (ICP-MS). Barium, chromium, mercury, selenium, and silver were either not detected at concentrations greater than the laboratory MRLs or were detected at concentrations less than applicable DEQ RBCs and CFSLs. In addition, samples collected from borings DP-25 through DP-32 and HA-4 through HA-14 were analyzed for lead by EPA Method 6020A (ICP-MS).

---

[1] DP-5(8.5-9.5), DP-5(13-14), DP-6(8-9), DP-6(12.5-13.5), DP-7(6.5-7.5), DP-7(11.5-12.5), DP-11(10-11), DP-11(18-19), DP-12(12-13), DP-12(16-17), DP-18(10-11), DP-19(11-12), DP-20(10-11), DP-21(10-11), DP-21(13-14), DP-22(10-11), DP-22(12.5-13.5), DP-23(10-11), DP-23(11-12), DP-24(12-13), DP-24(16-17), HA-1(15-15.5)

[2] HA-8(1.3-1.5), HA-10(0.3-0.7)

Arsenic was detected in each soil sample [with the exception of DP-7(1-2)] at concentrations ranging from 3.32 to 13.0 mg/kg, which are greater than the DEQ *Soil Ingestion, Dermal Contact, and Inhalation* RBCs for occupational receptors. In addition, the detected concentrations of arsenic in 16 of the 40 soil samples exceed the DEQ-established naturally occurring background concentration (the CFSL) for arsenic of 8.8 mg/kg. However, the calculated 90% UCL concentration for arsenic (8.039 mg/kg) is less than the DEQ CFSL of 8.8 mg/kg. Therefore, the arsenic concentrations in the soil will not present unacceptable risk to future receptors and do not necessitate the need for the soil to be managed as solid waste.

Cadmium was detected in each soil sample [with the exception of samples DP-7(1-2) and DP-8(1.5-2.5) at concentrations ranging from 0.318 to 1.08 mg/kg. The detected concentrations of cadmium are less than the applicable DEQ RBCs. However, the detected concentrations of cadmium in 24 of the 41 samples are greater than the DEQ-established naturally occurring background concentration (the CFSL) for cadmium of 0.63 mg/kg. The calculated 90% UCL concentration of cadmium (0.75 mg/kg) is slightly greater than the DEQ CFSL of 0.63 mg/kg. It is GeoDesign's professional opinion that the cadmium concentrations represent naturally occurring background conditions and by themselves do not necessitate the need for the soil to be managed as solid waste and do not pose an unacceptable risk to future users of the Property based on the following:

- The subsurface soil is native alluvium and there is no known anthropogenic source for the elevated cadmium.
- The detected concentrations of cadmium do not exhibit a high degree of variability.
- The calculated 90% UCL concentration of cadmium is only 16 percent greater than the DEQ CFSL of 0.63 mg/kg (a difference of 0.12 mg/kg).
- All detected cadmium concentrations are less than the most conservative DEQ RBCs.

Lead was detected in each of the samples submitted for analysis at concentrations ranging from 3.06 to 1,580 mg/kg. The detected concentrations of lead in natural soil are less than the applicable DEQ RBCs with the exception of the lead detected in samples DP-26(1-1.5) and DP-32(1-1.5). The concentrations of lead detected in shallow fill samples DP-4(0.5-1.5), DP-5(1-2), DP-25(1-1.5), DP-26(1-1.5), DP-27(1-1.5), DP-28(1-1.5), DP-30(1-1.5), DP-31(1-1.5), DP-32(1-1.5), HA-4(0.5-1), HA-5(0.3-0.7), HA-7(0.2-0.7), HA-8(1-1.3), HA-8(1.3-1.5), HA-10(0.3-0.7), HA-11(0.5-1), and HA-13(0.5-1) are greater than the DEQ-established naturally occurring background concentration (the CFSL) for lead of 28 mg/kg. However, by excluding the lead concentrations represented by these samples from the dataset, the calculated 90% UCL concentration of lead in the soil (13.18 mg/kg) is less than the DEQ CFSL of 28 mg/kg. Therefore, the lead concentrations in the native soil do not necessitate the need for the soil to be managed as solid waste.

Fill represented by the above-referenced samples (the limits of which are shown on Figure 3) within the majority of the main parking lot should either be removed and disposed of at a RCRA Subtitle D landfill (such as the Hillsboro Landfill) or alternatively be temporarily stockpiled and re-characterized to evaluate disposal options.

7.1.5 Leachable Lead

Since soil samples DP-4(0.5-1.5), DP-26(1-1.5), DP-32(1-1.5), HA-7(0.2-0.7), HA-10(0.3-0.7), and HA-11(0.5-1) exhibited a lead concentration exceeding the EPA threshold limit of 100 mg/kg, these samples were also submitted for TCLP lead analysis by EPA Methods 1311/6020A (ICP-MS). Samples DP-27(1-1.5) and HA-13(0.5-1) also exhibited a lead concentration greater than the EPA threshold limit of 100 mg/kg, but were not submitted for TCLP lead analysis since their total concentrations fall within the range of concentrations for those samples submitted for TCLP analysis. The TCLP analysis simulates the leaching action of water seeping through waste in a landfill. If the concentration of the contaminant (in this case lead) is greater than EPA's TCLP limit (5.0 mg/L), the waste is considered a "toxicity characteristic" hazardous waste. TCLP lead was either not detected in the samples submitted for analysis at concentrations greater than the laboratory MRL (0.0500 mg/L) or were detected at concentrations less than the EPA's TCLP limit of 5.0 mg/L. Therefore, the lead-impacted fill at the locations and depths of samples DP-4(0.5-1.5), DP-26(1-1.5), DP-32(1-1.5), HA-7(0.2-0.7), HA-10(0.3-0.7), and HA-11(0.5-1) does not need to be managed as hazardous waste.

7.1.6 PAHs

Each sample collected from borings DP-1 through DP-16, DP-19, DP-23, HA-1, and HA-2 and samples HA-8(1.3-1.5) and HA-10(0.3-0.7) were submitted for analysis of PAHs by EPA Method 8270D SIM. With the exception of benzo(a)pyrene detected in samples DP-4(0.5-1.5), HA-8(1.3-1.5), and HA-10(0.3-0.7) and naphthalene detected in sample HA-8(1.3-1.5), none of the detected PAHs exceeded the DEQ applicable RBCs or CFSLs. The concentrations of benzo(a)pyrene detected in samples DP-4(0.5-1.5), HA-8(1.3-1.5), and HA-10(0.3-0.7) and the concentration of naphthalene detected in sample HA-8(1.3-1.5) exceed the DEQ CFSLs.

7.1.7 PCBs

Each sample collected from borings DP-1 through DP-16, HA-1, and HA-2 and samples HA-8(1.3-1.5) and HA-10(0.3-0.7) were submitted for analysis of PCBs by EPA Method 8082A. PCBs were not detected at concentrations greater than the laboratory MRLs.

7.2 SOIL GAS SAMPLE ANALYTICAL RESULTS

A comparison of the soil gas sample chemical analytical results to applicable regulatory criteria is shown in Table 6 and discussed below. The laboratory report is presented in Appendix D.

7.2.1 Gasoline-Range Hydrocarbons

Soil gas samples SG-1(15) and SG-2(15) were submitted for analysis of gasoline-range hydrocarbons by EPA Method TO-15. Gasoline-range hydrocarbons were not detected above the laboratory MRL in soil gas sample SG-1(15). Gasoline-range hydrocarbons were detected in soil gas sample SG-2(15) at a concentration of 454 $\mu g/m^3$. The detected concentration of gasoline-range hydrocarbons is less than the applicable DEQ RBCs.

7.2.2 VOCs

Soil gas samples SG-1(15) and SG-2(15) were submitted for analysis of VOCs by EPA Method TO-15. VOCs were either not detected in the soil gas samples at concentrations greater than the laboratory MRLs or were detected at concentrations ranging from 1.89 µg/m^3 [styrene in sample SG-2(15)] to 60.8 µg/m^3 [acetone in sample SG-2(15)]. The detected concentrations of VOCs are less than the applicable DEQ RBCs.

7.3 SUB-SLAB VAPOR SAMPLE ANALYTICAL RESULTS

A comparison of the sub-slab vapor sample chemical analytical results to applicable regulatory criteria is shown in Table 6 and discussed below. The laboratory report is presented in Appendix D.

7.3.1 Gasoline-Range Hydrocarbons

Sub-slab vapor sample SV-1 was submitted for analysis of gasoline-range hydrocarbons by EPA Method TO-15. Gasoline-range hydrocarbons were not detected above the laboratory MRL in sub-slab vapor sample SV-1.

7.3.2 VOCs

Sub-slab vapor sample SV-1 was submitted for analysis of VOCs by EPA Method TO-15. VOCs were either not detected in the sub-slab vapor sample at concentrations greater than the laboratory MRLs or were detected at concentrations ranging from 1.12 µg/m^3 (chloromethane) to 104 µg/m^3 (acetone). The detected concentrations of VOCs are less than the applicable DEQ RBCs.

8.0 CONCLUSIONS AND RECOMMENDATIONS

GeoDesign conducted a Phase II ESA of the Property to evaluate the nature and extent of chemical constituents in media at the Property. The Phase II ESA was conducted in several phases, including (1) the initial Phase II ESA, (2) the south USTs/lead-containing fill investigation, and (3) the supplemental lead-containing fill investigation. The results of the Phase II ESA indicate the following:

- In general, historical use of the Property does not appear to have introduced chemical constituents to native subsurface soil, or soil gas beneath the Property.
- Shallow lead-containing fill exceeding DEQ RBCs and/or CFSLs is present beneath the majority of the main parking lot. Native soil underlying the fill material does not exhibit lead concentrations greater than DEQ RBCs or CFSLs. The shallow lead-containing fill material is visibly distinguishable from the underlying native soil. The shallow lead-containing fill material should be managed in accordance with the forthcoming SWMP that will provide protocol for the management of soil and fill at the Property during redevelopment.
- Arsenic and cadmium were detected in select samples at concentrations above DEQ CFSLs, but within typical naturally occurring concentrations for the area. The calculated 90% UCL for arsenic (8.039 mg/kg) is below the DEQ CFSL of 8.8 mg/kg. The calculated 90% UCL concentration for cadmium (0.75 mg/kg) is slightly greater than the DEQ CFSL of 0.63 mg/kg. Based on the low concentrations detected, the lack of an anthropogenic source of arsenic and cadmium, and general low variability of the detected concentrations in the

native soil, it is our opinion that the arsenic and cadmium concentrations are representative of naturally occurring background concentrations and meet DEQ's definition of clean fill. DEQ reviewed GeoDesign's application for an SWPE determination, dated July 30, 2019, and issued a letter, dated August 22, 2019, concluding that the soil proposed for excavation at the Property (with the exception of lead- and benzo(a) pyrene-containing fill within the main parking lot) is essentially the same as clean fill and is exempt from solid waste permitting regulations pursuant to OAR 340-0093-0080 (2).

- The geophysical survey confirmed the presence of two known off-site USTs (beneath the north sidewalk of SE Belmont Street that adjoins the Property) and one known on-site previously decommissioned in-place UST (east of the Property structure in the main parking lot). These known USTs should be decommissioned by removal by a licensed UST service provider in accordance with current applicable DEQ rules and regulations. Although petroleum hydrocarbons and related constituents were not detected in the limited soil samples collected near the former USTs, the potential for petroleum hydrocarbons near the USTs exists. If during decommissioning or construction activities soil containing petroleum- is encountered, the contractor should cease work in the area of the discovery and notify Mill Creek Residential Trust to ensure the soil is managed properly. Additional soil sampling and characterization of soil maybe necessary based on field observation during decommissioning.

Based on the findings of the Phase II ESA, GeoDesign recommends the preparation of an SWMP to provide protocol for the management of soil at the Property during redevelopment. The SWMP will consist of the following elements:

- Description of known soil conditions
- Guidance on how to identify suspect soil
- Identification of actions to be taken if suspect soil is encountered
- Description of how to manage stockpiled soil, if needed
- A description of proper management and disposal of soil
- Protocols for the collection of soil samples for characterization purposes, as warranted

As a contingency, the SWMP will include appropriate UST management protocols, if encountered during construction.

9.0 LIMITATIONS

This report has been prepared for Mill Creek Residential Trust. This report is not intended for use by others, and the information contained herein is not applicable to other sites. Reliance by other parties must be approved by GeoDesign, Inc. in accordance with our standard contractual process for third-party reliance. Our interpretations of subsurface conditions are based on data from select soil and soil gas/sub-slab vapor samples collected from this limited area. The results of the analyses only indicate the presence or absence of those chemical constituents analyzed in those discrete sample locations. It is always possible that chemical constituents could exist between the widely spaced exploration locations. Analytical data from the laboratory samples should only be considered as indicators of Property conditions and not a guarantee of the absence of subsurface impact in areas not sampled.

The conclusions presented in this report are based on our observations made during field investigations and chemical analytical data. The findings of this assessment should be considered as a professional opinion based on our evaluation of selected and limited data.

Our services have been executed in accordance with the generally accepted practices in this area at the time this report was prepared. No warranty or other conditions, express or implied, should be understood.

♦ ♦ ♦

We appreciate the opportunity to be of service to Mill Creek Residential Trust. Please call if you have questions regarding this report.

Sincerely,

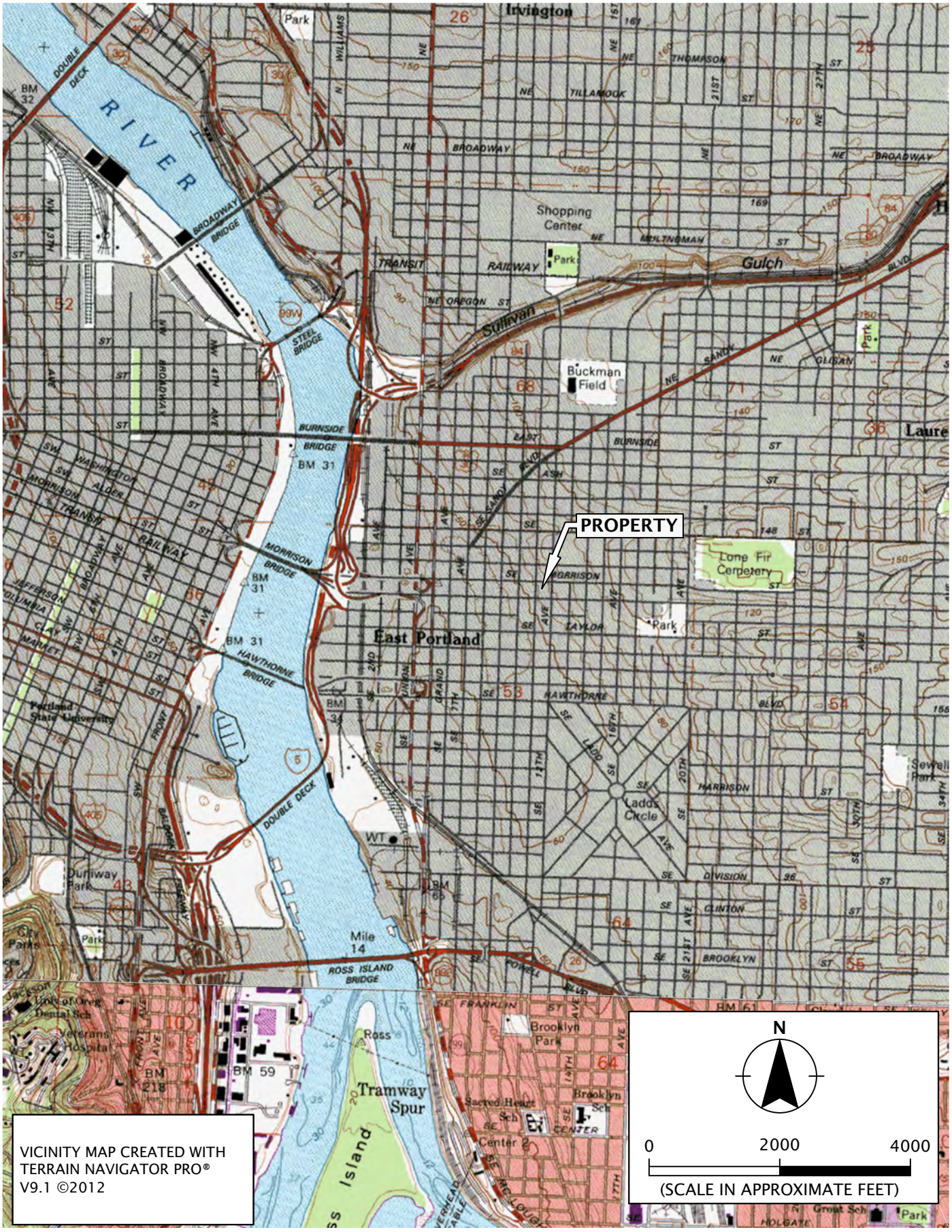
GeoDesign, Inc.

Kyle R. Sattler, L.G. (Washington)
Senior Project Geologist

Jason O'Donnell, R.G.
Principal Geologist

Expires 06/01/2020

FIGURES



GEODESIGN INC 9450 SW Commerce Circle - Suite 300 Wilsonville OR 97070 503.968.8787 www.geodesigninc.com	MILLCREEK-19-01-03	**VICINITY MAP**
	AUGUST 2019	MODERA MORRISON PORTLAND, OR — **FIGURE 1**

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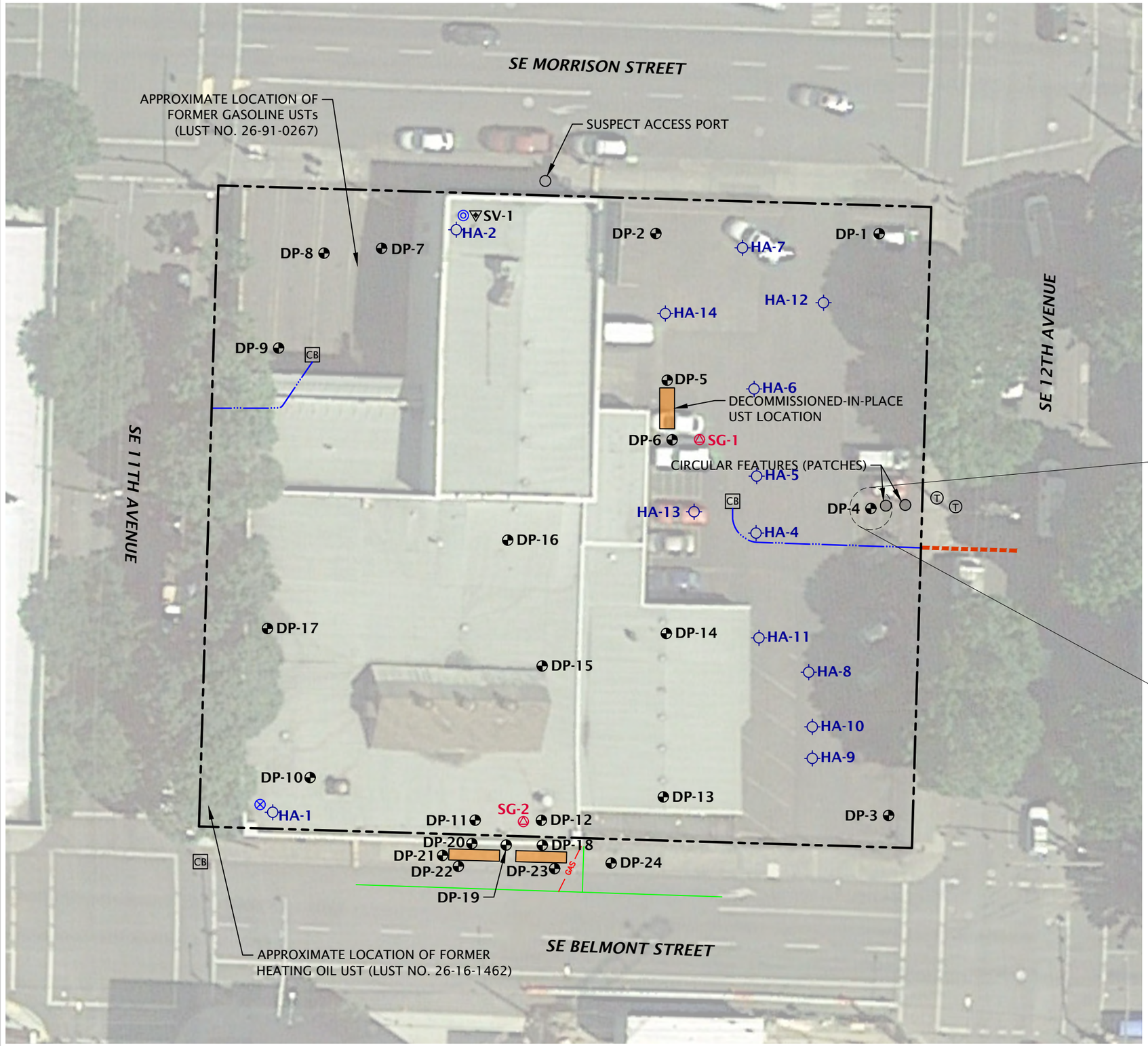
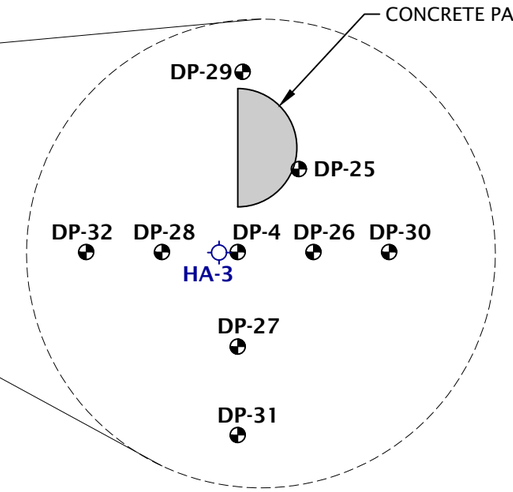
File Name: J:\M-R\MillCreek\MillCreek-19\MillCreek-19-01\MillCreek-19-01-03\Figures\CAD\MillCreek-19-01-03-VM01.dwg | Layout: FIGURE 1



LEGEND:

- PROPERTY BOUNDARY
- DP-1 DIRECT-PUSH BORING (2019)
- HA-1 HAND AUGER BORING (2019)
- SG-1 SOIL GAS BORING (2019)
- SV-1 SUB-SLAB VAPOR POINT (2019)
- CB CATCH BASIN
- T POLE-MOUNTED TRANSFORMER
- FLOOR DRAIN IN OFFICE BASEMENT
- FLOOR DRAIN IN WAREHOUSE BATHROOM
- 6-INCH LATERAL STORMWATER SEWER LINE (PERMIT 84686) INSTALLED IN 1967
- EFFLUENT PIPING FROM CATCH BASINS
- UST
- GAS NATURAL GAS SERVICE LINE
- UNIDENTIFIED UTILITY LINE



N

0 30 60

(SCALE IN FEET)

SITE PLAN BASED ON AERIAL PHOTOGRAPH OBTAINED FROM GOOGLE EARTH PRO®, MARCH 22, 2019

FIGURE 2

SITE PLAN

MODERA MORRISON
PORTLAND, OR

MILLCREEK-19-01-03

AUGUST 2019

GEODESIGN INC
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Wilsonville OR 97070
503.968.8787 www.geodesigninc.com

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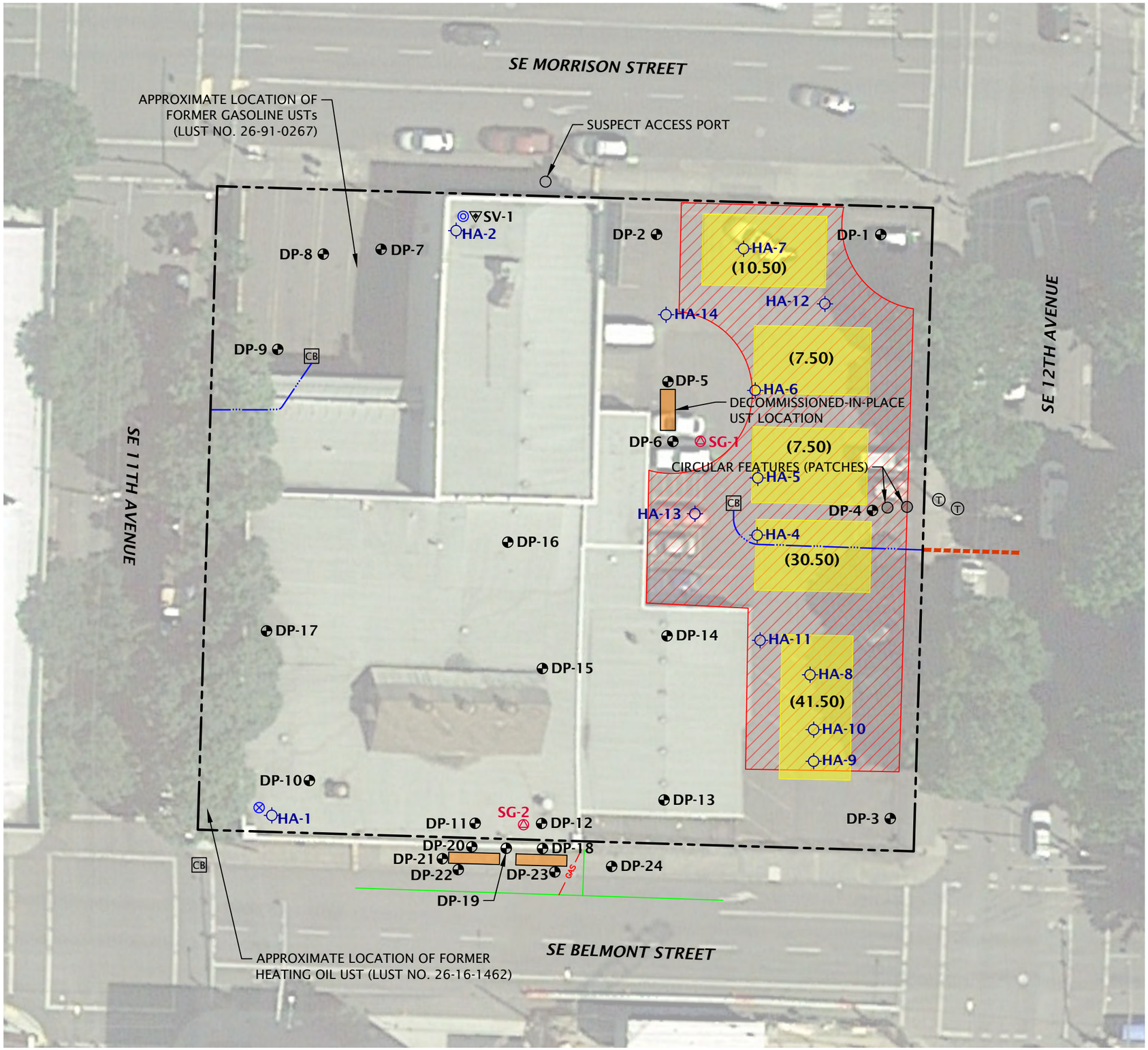
File Name: J:\M-R\MillCreek\MillCreek-19\MillCreek-19-01\MillCreek-19-01-03\Figures\CAD\MillCreek-19-01-03-SP04.dwg | Layout: FIGURE 2



LEGEND:

- PROPERTY BOUNDARY
- DP-1 — DIRECT-PUSH BORING (2019)
- HA-1 — HAND AUGER BORING (2019)
- SG-1 — SOIL GAS BORING (2019)
- SV-1 — SUB-SLAB VAPOR POINT (2019)
- CB — CATCH BASIN
- T — POLE-MOUNTED TRANSFORMER
- FLOOR DRAIN IN OFFICE BASEMENT
- FLOOR DRAIN IN WAREHOUSE BATHROOM
- 6-INCH LATERAL STORMWATER SEWER LINE (PERMIT 84686) INSTALLED IN 1967
- EFFLUENT PIPING FROM CATCH BASINS
- UST
- GAS — NATURAL GAS SERVICE LINE
- UNIDENTIFIED UTILITY LINE
- APPROXIMATE EXTENT OF LEAD IN FILL EXCEEDING CFSL - 2 INCHES TO 18 INCHES THICK
- (7.50) — APPROXIMATE EXTENT OF REMNANT STRUCTURE FOUNDATION SUSPECTED OF CONTAINING LEAD EXCEEDING CFSL - THICKNESS SHOWN IN INCHES

N

0 30 60

(SCALE IN FEET)

SITE PLAN BASED ON AERIAL PHOTOGRAPH OBTAINED FROM GOOGLE EARTH PRO®, MARCH 22, 2019

EXTENT OF LEAD-CONTAINING FILL

FIGURE 3

MODERA MORRISON
PORTLAND, OR

MILLCREEK-19-01-03

AUGUST 2019

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TABLES

TABLE 1
Summary of Soil Sample Chemical Analytical Results
Petroleum Hydrocarbons
Modera Morrison
1120 SE Morrison Street
Portland, Oregon

Sample I.D. (depth in feet BGS)	Sample Date	Hydrocarbon Identification by Method NWTPH-HCID (mg/kg)			Gasoline-Range Hydrocarbons by Method NWTPH-Gx (mg/kg)	Diesel- and Oil-Range Hydrocarbons by Method NWTPH-Dx (mg/kg)	
		Gasoline-Range	Diesel-Range	Oil-Range		Diesel-Range	Oil-Range
DP-5(8.5-9.5)	05/11/19	23.9 U	59.7 U	119 U	--	--	--
DP-5(13-14)	05/11/19	22.0 U	55.0 U	110 U	--	--	--
DP-6(8-9)	05/11/19	25.0 U	62.6 U	125 U	--	--	--
DP-6(12.5-13.5)	05/11/19	25.0 U	62.6 U	125 U	--	--	--
DP-7(6.5-7.5)	05/11/19	18.4 U	46.1 U	92.2 U	--	--	--
DP-7(11.5-12.5)	05/11/19	21.9 U	54.8 U	110 U	--	--	--
DP-11(10-11)	05/11/19	22.2 U	55.4 U	111 U	--	--	--
DP-11(18-19)	05/11/19	21.6 U	53.9 U	108 U	--	--	--
DP-12(12-13)	05/11/19	21.9 U	54.7 U	109 U	--	--	--
DP-12(16-17)	05/11/19	21.1 U	52.7 U	105 U	--	--	--
DP-18(10-11)	07/18/19	22.4 U	56.1 U	112 U	--	--	--
DP-19(11-12)	07/18/19	22.0 U	54.9 U	110 U	--	--	--
DP-20(10-11)	07/18/19	21.5 U	53.8 U	108 U	--	--	--
DP-21(10-11)	07/18/19	22.2 U	55.4 U	111 U	--	--	--
DP-21(13-14)	07/18/19	20.1 U	50.3 U	101 U	--	--	--
DP-22(10-11)	07/18/19	23.5 U	58.6 U	117 U	--	--	--
DP-22(12.5-13.5)	07/18/19	21.8 U	54.4 U	109 U	--	--	--
DP-23(10-11)	07/18/19	22.1 U	55.3 U	111 U	--	--	--
DP-23(11-12)	07/18/19	23.4 U	58.5 U	117 U	--	--	--
DP-24(12-13)	07/18/19	23.6 U	58.9 U	118 U	--	--	--
DP-24(16-17)	07/18/19	26.3 U	65.8 U	132 U	--	--	--
HA-1(15-15.5)	05/15/19	22.5 U	56.3 U	113 U	--	--	--
HA-8(1.3-1.5)	07/30/19	--	--	--	**57.7**	**26.5**	**157**
HA-10(0.3-0.7)	07/30/19	--	--	--	5.82 U	25.0 U	**94.3**
DEQ Generic RBCs[1]							
Soil Ingestion, Dermal Contact, and Inhalation							
Occupational		NE	NE	NE	20,000	14,000	NE
Construction Worker		NE	NE	NE	9,700	4,600	NE
Excavation Worker		NE	NE	NE	>Max	>Max	NE
Volatilization to Outdoor Air							
Occupational		NE	NE	NE	>Max	>Max	NE
Vapor Intrusion into Buildings							
Occupational		NE	NE	NE	>Max	>Max	NE
DEQ CFSLs[2]		NE	NE	NE	31	1,100	NE

Notes:
1. DEQ Generic RBCs dated May 2018
2. DEQ CFSLs dated February 21, 2019

>Max: The constituent RBC for this pathway is calculated as greater than 1,000,000 mg/kg or 1,000,000 mg/L. Therefore, this substance is deemed not to pose risks in this scenario.

U: Not detected. Reporting or detection limit shown.

Bolding indicates analyte detection.

Shading indicates analyte detection at a concentration greater than DEQ CFSL.

--: not analyzed

TABLE 2
Summary of Soil Sample Chemical Analytical Results
VOCs
Modera Morrison
1120 SE Morrison Street
Portland, Oregon

Sample I.D. (depth in feet BGS)	Sample Date	VOCs by EPA Methods 5035A/8260C (mg/kg)																						
		Acetone	Acrylonitrile	Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	2-Butanone (MEK)	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Carbon Disulfide	Carbon Tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	1,2-Dibromo-3-chloropropane	Dibromochloromethane	1,2-Dibromoethane
DP-1(0.5-1.5)	05/11/19	1.38 U	0.138 U	0.0138 U	0.0346 U	0.0692 U	0.138 U	0.277 U	0.692 U	0.692 U	0.0692 U	0.0692 U	0.0692 U	0.692 U	0.138 U	0.0346 U	0.692 U	0.0692 U	0.346 U	0.0692 U	0.0692 U	0.346 U	0.138 U	0.0692 U
DP-1(11.5-12.5)	05/11/19	1.19 U	0.119 U	0.0119 U	0.0297 U	0.0593 U	0.119 U	0.237 U	0.593 U	0.593 U	0.0593 U	0.0593 U	0.0593 U	0.593 U	0.119 U	0.0297 U	0.593 U	0.0593 U	0.297 U	0.0593 U	0.0593 U	0.297 U	0.119 U	0.0593 U
DP-2(1-2)	05/11/19	1.3 U	0.13 U	0.013 U	0.0326 U	0.0652 U	0.13 U	0.261 U	0.652 U	0.652 U	0.0652 U	0.0652 U	0.0652 U	0.652 U	0.13 U	0.0326 U	0.652 U	0.0652 U	0.326 U	0.0652 U	0.0652 U	0.326 U	0.13 U	0.0652 U
DP-2(12-13)	05/11/19	1.37 U	0.137 U	0.0137 U	0.0342 U	0.0683 U	0.137 U	0.273 U	0.683 U	0.683 U	0.0683 U	0.0683 U	0.0683 U	0.683 U	0.137 U	0.0342 U	0.683 U	0.0683 U	0.342 U	0.0683 U	0.0683 U	0.342 U	0.137 U	0.0683 U
DP-3(1-2)	05/11/19	1.24 U	0.124 U	0.0124 U	0.0309 U	0.0619 U	0.124 U	0.248 U	0.619 U	0.619 U	0.0619 U	0.0619 U	0.0619 U	0.619 U	0.124 U	0.0309 U	0.619 U	0.0619 U	0.309 U	0.0619 U	0.0619 U	0.309 U	0.124 U	0.0619 U
DP-3(12-13)	05/11/19	1.71 U	0.171 U	0.0171 U	0.0427 U	0.0854 U	0.171 U	0.342 U	0.854 U	0.854 U	0.0854 U	0.0854 U	0.0854 U	0.854 U	0.171 U	0.0427 U	0.854 U	0.0854 U	0.427 U	0.0854 U	0.0854 U	0.427 U	0.171 U	0.0854 U
DP-4(0.5-1.5)	05/11/19	1.14 U	0.114 U	0.0114 U	0.0286 U	0.0572 U	0.114 U	0.229 U	0.572 U	0.572 U	0.0572 U	0.0572 U	0.0572 U	0.572 U	0.114 U	0.0286 U	0.572 U	0.0572 U	0.286 U	0.0572 U	0.0572 U	0.286 U	0.114 U	0.0572 U
DP-4(8-9)	05/11/19	1.46 U	0.146 U	0.0146 U	0.0366 U	0.0732 U	0.146 U	0.293 U	0.732 U	0.732 U	0.0732 U	0.0732 U	0.0732 U	0.732 U	0.146 U	0.0366 U	0.732 U	0.0732 U	0.366 U	0.0732 U	0.0732 U	0.366 U	0.146 U	0.0732 U
DP-4(11.5-12.5)	05/11/19	1.49 U	0.149 U	0.0149 U	0.0372 U	0.0743 U	0.149 U	0.297 U	0.743 U	0.743 U	0.0743 U	0.0743 U	0.0743 U	0.743 U	0.149 U	0.0372 U	0.743 U	0.0743 U	0.372 U	0.0743 U	0.0743 U	0.372 U	0.149 U	0.0743 U
DP-5(1-2)	05/11/19	1.28 U	0.128 U	0.0128 U	0.032 U	0.064 U	0.128 U	0.256 U	0.64 U	0.64 U	0.064 U	0.064 U	0.064 U	0.64 U	0.128 U	0.032 U	0.64 U	0.064 U	0.32 U	0.064 U	0.064 U	0.32 U	0.128 U	0.064 U
DP-5(8.5-9.5)	05/11/19	1.4 U	0.14 U	0.014 U	0.035 U	0.0701 U	0.14 U	0.28 U	0.701 U	0.701 U	0.0701 U	0.0701 U	0.0701 U	0.701 U	0.14 U	0.035 U	0.701 U	0.0701 U	0.35 U	0.0701 U	0.0701 U	0.35 U	0.14 U	0.0701 U
DP-5(13-14)	05/11/19	1.43 U	0.143 U	0.0143 U	0.0356 U	0.0713 U	0.143 U	0.285 U	0.713 U	0.713 U	0.0713 U	0.0713 U	0.0713 U	0.713 U	0.143 U	0.0356 U	0.713 U	0.0713 U	0.356 U	0.0713 U	0.0713 U	0.356 U	0.143 U	0.0713 U
DP-6(1-2)	05/11/19	1.32 U	0.132 U	0.0132 U	0.0329 U	0.0658 U	0.132 U	0.263 U	0.658 U	0.658 U	0.0658 U	0.0658 U	0.0658 U	0.658 U	0.132 U	0.0329 U	0.658 U	0.0658 U	0.329 U	0.0658 U	0.0658 U	0.329 U	0.132 U	0.0658 U
DP-6(8-9)	05/11/19	1.64 U	0.164 U	0.0164 U	0.0411 U	0.0822 U	0.164 U	0.329 U	0.822 U	0.822 U	0.0822 U	0.0822 U	0.0822 U	0.822 U	0.164 U	0.0411 U	0.822 U	0.0822 U	0.411 U	0.0822 U	0.0822 U	0.411 U	0.164 U	0.0822 U
DP-6(12.5-13.5)	05/11/19	1.49 U	0.149 U	0.0149 U	0.0373 U	0.0745 U	0.149 U	0.298 U	0.745 U	0.745 U	0.0745 U	0.0745 U	0.0745 U	0.745 U	0.149 U	0.0373 U	0.745 U	0.0745 U	0.373 U	0.0745 U	0.0745 U	0.373 U	0.149 U	0.0745 U
DP-7(1-2)	05/11/19	1.27 U	0.127 U	0.0127 U	0.0317 U	0.0634 U	0.127 U	0.254 U	0.634 U	0.634 U	0.0634 U	0.0634 U	0.0634 U	0.634 U	0.127 U	0.0317 U	0.634 U	0.0634 U	0.317 U	0.0634 U	0.0634 U	0.317 U	0.127 U	0.0634 U
DP-7(6.5-7.5)	05/11/19	1.27 U	0.127 U	0.0127 U	0.0317 U	0.0634 U	0.127 U	0.254 U	0.634 U	0.634 U	0.0634 U	0.0634 U	0.0634 U	0.634 U	0.127 U	0.0317 U	0.634 U	0.0634 U	0.317 U	0.0634 U	0.0634 U	0.317 U	0.127 U	0.0634 U
DP-7(11.5-12.5)	05/11/19	0.944 U	0.0944 U	0.00944 U	0.0236 U	0.0472 U	0.0944 U	0.189 U	0.472 U	0.472 U	0.0472 U	0.0472 U	0.0472 U	0.472 U	0.0944 U	0.0236 U	0.472 U	0.0472 U	0.236 U	0.0472 U	0.0472 U	0.236 U	0.0944 U	0.0472 U
DP-8(1.5-2.5)	05/11/19	1.53 U	0.153 U	0.0153 U	0.0382 U	0.0765 U	0.153 U	0.306 U	0.765 U	0.765 U	0.0765 U	0.0765 U	0.0765 U	0.765 U	0.153 U	0.0382 U	0.765 U	0.0765 U	0.382 U	0.0765 U	0.0765 U	0.382 U	0.153 U	0.0765 U
DP-8(8-9)	05/11/19	1.34 U	0.134 U	0.0134 U	0.0335 U	0.067 U	0.134 U	0.268 U	0.67 U	0.67 U	0.067 U	0.067 U	0.067 U	0.67 U	0.134 U	0.0335 U	0.67 U	0.067 U	0.335 U	0.067 U	0.067 U	0.335 U	0.134 U	0.067 U
DP-8(11.5-12.5)	05/11/19	1.26 U	0.126 U	0.0126 U	0.0314 U	0.0628 U	0.126 U	0.251 U	0.628 U	0.628 U	0.0628 U	0.0628 U	0.0628 U	0.628 U	0.126 U	0.0314 U	0.628 U	0.0628 U	0.314 U	0.0628 U	0.0628 U	0.314 U	0.126 U	0.0628 U
DP-9(1-2)	05/11/19	1.55 U	0.155 U	0.0155 U	0.0386 U	0.0773 U	0.155 U	0.309 U	0.773 U	0.773 U	0.0773 U	0.0773 U	0.0773 U	0.773 U	0.155 U	0.0386 U	0.773 U	0.0773 U	0.386 U	0.0773 U	0.0773 U	0.386 U	0.155 U	0.0773 U
DP-9(8-9)	05/11/19	1.54 U	0.154 U	0.0154 U	0.0385 U	0.077 U	0.154 U	0.308 U	0.77 U	0.77 U	0.077 U	0.077 U	0.077 U	0.77 U	0.154 U	0.0385 U	0.77 U	0.077 U	0.385 U	0.077 U	0.077 U	0.385 U	0.154 U	0.077 U
DP-10(2-3)	05/11/19	1.54 U	0.154 U	0.0154 U	0.0386 U	0.0772 U	0.154 U	0.309 U	0.772 U	0.772 U	0.0772 U	0.0772 U	0.0772 U	0.772 U	0.154 U	0.0386 U	0.772 U	0.0772 U	0.386 U	0.0772 U	0.0772 U	0.386 U	0.154 U	0.0772 U
DP-10(13-14)	05/11/19	1.32 U	0.132 U	0.0132 U	0.033 U	0.0659 U	0.132 U	0.264 U	0.659 U	0.659 U	0.0659 U	0.0659 U	0.0659 U	0.659 U	0.132 U	0.033 U	0.659 U	0.0659 U	0.33 U	0.0659 U	0.0659 U	0.33 U	0.132 U	0.0659 U
DP-11(3-4)	05/11/19	1.16 U	0.116 U	0.0116 U	0.0289 U	0.0578 U	0.116 U	0.231 U	0.578 U	0.578 U	0.0578 U	0.0578 U	0.0578 U	0.578 U	0.116 U	0.0289 U	0.578 U	0.0578 U	0.289 U	0.0578 U	0.0578 U	0.289 U	0.116 U	0.0578 U
DP-11(10-11)	05/11/19	1.54 U	0.154 U	0.0154 U	0.0385 U	0.0771 U	0.154 U	0.308 U	0.771 U	0.771 U	0.0771 U	0.0771 U	0.0771 U	0.771 U	0.154 U	0.0385 U	0.771 U	0.0771 U	0.385 U	0.0771 U	0.0771 U	0.385 U	0.154 U	0.0771 U
DP-11(18-19)	05/11/19	1.45 U	0.145 U	0.0145 U	0.0362 U	0.0723 U	0.145 U	0.289 U	0.723 U	0.723 U	0.0723 U	0.0723 U	0.0723 U	0.723 U	0.145 U	0.0362 U	0.723 U	0.0723 U	0.362 U	0.0723 U	0.0723 U	0.362 U	0.145 U	0.0723 U
DP-12(1-2)	05/11/19	1.69 U	0.169 U	0.0169 U	0.0421 U	0.0843 U	0.169 U	0.337 U	0.843 U	0.843 U	0.0843 U	0.0843 U	0.0843 U	0.843 U	0.169 U	0.0421 U	0.843 U	0.0843 U	0.421 U	0.0843 U	0.0843 U	0.421 U	0.169 U	0.0843 U
DP-12(12-13)	05/11/19	1.32 U	0.132 U	0.0132 U	0.033 U	0.0661 U	0.132 U	0.264 U	0.661 U	0.661 U	0.0661 U	0.0661 U	0.0661 U	0.661 U	0.132 U	0.033 U	0.661 U	0.0661 U	0.33 U	0.0661 U	0.0661 U	0.33 U	0.132 U	0.0661 U
DP-12(16-17)	05/11/19	1.33 U	0.133 U	0.0133 U	0.0332 U	0.0663 U	0.133 U	0.265 U	0.663 U	0.663 U	0.0663 U	0.0663 U	0.0663 U	0.663 U	0.133 U	0.0332 U	0.663 U	0.0663 U	0.332 U	0.0663 U	0.0663 U	0.332 U	0.133 U	0.0663 U
DP-13(4-5)	05/11/19	1.48 U	0.148 U	0.0148 U	0.037 U	0.074 U	0.148 U	0.296 U	0.74 U	0.74 U	0.074 U	0.074 U	0.074 U	0.74 U	0.148 U	0.037 U	0.74 U	0.074 U	0.37 U	0.074 U	0.074 U	0.37 U	0.148 U	0.074 U
DP-13(9-10)	05/11/19	1.48 U	0.148 U	0.0148 U	0.037 U	0.074 U	0.148 U	0.296 U	0.74 U	0.74 U	0.074 U	0.074 U	0.074 U	0.74 U	0.148 U	0.037 U	0.74 U	0.074 U	0.37 U	0.074 U	0.074 U	0.37 U	0.148 U	0.074 U
DP-14(2-3)	05/11/19	1.54 U	0.154 U	0.0154 U	0.0384 U	0.0768 U	0.154 U	0.307 U	0.768 U	0.768 U	0.0768 U	0.0768 U	0.0768 U	0.768 U	0.154 U	0.0384 U	0.768 U	0.0768 U	0.384 U	0.0768 U	0.0768 U	0.384 U	0.154 U	0.0768 U
DP-14(11-12)	05/11/19	1.67 U	0.167 U	0.0167 U	0.0417 U	0.0835 U	0.167 U	0.334 U	0.835 U	0.835 U	0.0835 U	0.0835 U	0.0835 U	0.835 U	0.167 U	0.0417 U	0.835 U	0.0835 U	0.417 U	0.0835 U	0.0835 U	0.417 U	0.167 U	0.0835 U
DP-15(4-5)	05/11/19	1.62 U	0.162 U	0.0162 U	0.0404 U	0.0809 U	0.162 U	0.324 U	0.809 U	0.809 U	0.0809 U	0.0809 U	0.0809 U	0.809 U	0.162 U	0.0404 U	0.809 U	0.0809 U	0.404 U	0.0809 U	0.0809 U	0.404 U	0.162 U	0.0809 U
DP-16(2-3)	05/11/19	1.31 U	0.131 U	0.0131 U	0.0327 U	0.0654 U	0.131 U	0.262 U	0.654 U	0.654 U	0.0654 U	0.0654 U	0.0654 U	0.654 U	0.131 U	0.0327 U	0.654 U	0.0654 U	0.327 U	0.0654 U	0.0654 U	0.327 U	0.131 U	0.0654 U
DP-19(11-12)	07/18/19	--	--	0.0150 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0752 U
DP-23(11-12)	07/18/19	--	--	0.0145 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0724 U
HA-1(2-2.5)	05/15/19	1.34 U	0.134 U	0.0134 U	0.0334 U	0.0669 U	0.134 U	0.268 U	0.669 U	0.669 U	0.0669 U	0.0669 U	0.0669 U	0.669 U	0.134 U	0.0334 U	0.669 U	0.0669 U	0.334 U	0.0669 U	0.0669 U	0.334 U	0.134 U	0.0669 U
HA-1(12-12.5)	05/15/19	1.37 U	0.137 U	0.0137 U	0.0343 U	0.0687 U	0.137 U	0.275 U	0.687 U	0.687 U	0.0687 U	0.0687 U	0.0687 U	0.687 U	0.137 U	0.0343 U	0.687 U	0.0687 U	0.343 U	0.0687 U	0.0687 U	0.343 U	0.137 U	0.0687 U
HA-1(15-15.5)	05/15/19	1.37 U	0.137 U	0.0137 U	0.0341 U	0.0683 U	0.137 U	0.273 U	0.683 U	0.683 U	0.0683 U	0.0683 U	0.0683 U	0.683 U	0.137 U	0.0341 U	0.683 U	0.0683 U	0.341 U	0.0683 U	0.0683 U	0.341 U	0.137 U	0.0683 U
HA-2(2-2.5)	05/15/19	1.37 U	0.137 U	0.0137 U	0.0342 U	0.0683 U	0.137 U	0.273 U	0.683 U	0.683 U	0.0683 U	0.0683 U	0.0683 U	0.683 U	0.137 U	0.0342 U	0.683 U	0.0683 U	0.342 U	0.0683 U	0.0683 U	0.342 U	0.137 U	0.0683 U
HA-8(1.3-1.5)	07/30/19	1.29 U	0.129 U	0.0129 U	0.0323 U	0.0646 U	0.0646 U	0.129 U	0.646 U	0.646 U	0.0646 U	0.0646 U	0.0646 U	0.646 U	0.0646 U	0.0323 U	0.646 U	0.0646 U	0.323 U	0.0646 U	0.0646 U	0.323 U	0.129 U	0.0646 U
HA-10(0.3-0.7)	07/30/19	1.16 U	0.116 U	0.0116 U	0.0291 U	0.0582 U	0.0582 U	0.116 U	0.582 U	0.582 U	0.0582 U	0.0582 U	0.0582 U	0.582 U	0.0582 U	0.0291 U	0.582 U	0.0582 U	0.291 U	0.0582 U	0.0582 U	0.291 U	0.116 U	0.0582 U
DEQ Generic RBCs[1]																								
Soil Ingestion, Dermal Contact, and Inhalation																								
Occupational		NE	4.0	37	NE	NE	15	260	750	NE	NE	NE	NE	NE	34	8,700	>Max	26	25,000	NE	NE	NE	17	0.73
Construction Worker		NE	40	380	NE	NE	230	2,700	370	NE	NE	NE	NE	NE	320	4,700	>Max	410	25,000	NE	NE	NE	210	9.0
Excavation Worker		NE	1,100	11,000	NE	NE	6,300	74,000	10,000	NE	NE	NE	NE	NE	8,900	130,000	>Max	11,000	700,000	NE	NE	NE	5,800	250
Volatilization to Outdoor Air																								
Occupational		NE	5.8	50	NE	NE	11	360	700	NE	NE	NE	NE	NE	65	>Csat	>Csat	17	>Csat	NE	NE	NE	14	0.65
Vapor Intrusion into Buildings																								
Occupational		NE	1.0	2.1	NE	NE	0.53	110	17	NE	NE	NE	NE	NE	1.6	>Csat	>Csat	0.41	300	NE	NE	NE	2.9	0.16
DEQ CFSLs[2]		1.2	0.00036	0.023	2.5	1.3	0.002	0.046	0.083	72	190	350	96	0.81	0.013	2.4	310	0.0034	2.2	14	14	0.0000084	0.0024	0.00012

TABLE 2
Summary of Soil Sample Chemical Analytical Results
VOCs
Modera Morrison
1120 SE Morrison Street
Portland, Oregon

Sample I.D. (depth in feet BGS)	Sample Date	VOCs by EPA Methods 5035A/8260C (mg/kg)																						
		Dibromomethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane	1,3-Dichloropropane	2,2-Dichloropropane	1,1-Dichloropropene	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	Ethylbenzene	Hexachlorobutadiene	2-Hexanone	Isopropylbenzene	4-Isopropyltoluene	4-Methyl-2-pentanone (MiBK)
DP-1(0.5-1.5)	05/11/19	0.0692 U	0.0346 U	0.0346 U	0.0346 U	0.138 U	0.0346 U	0.0346 U	0.0346 U	0.0346 U	0.0346 U	0.0346 U	0.0692 U	0.0692 U	0.0692 U	0.0692 U	0.0692 U	0.0346 U	0.138 U	0.692 U	0.0692 U	0.0692 U	0.692 U
DP-1(11.5-12.5)	05/11/19	0.0593 U	0.0297 U	0.0297 U	0.0297 U	0.119 U	0.0297 U	0.0297 U	0.0297 U	0.0297 U	0.0297 U	0.0297 U	0.0593 U	0.0593 U	0.0593 U	0.0593 U	0.0593 U	0.0297 U	0.119 U	0.593 U	0.0593 U	0.0593 U	0.593 U
DP-2(1-2)	05/11/19	0.0652 U	0.0326 U	0.0326 U	0.0326 U	0.13 U	0.0326 U	0.0326 U	0.0326 U	0.0326 U	0.0326 U	0.0326 U	0.0652 U	0.0652 U	0.0652 U	0.0652 U	0.0652 U	0.0326 U	0.13 U	0.652 U	0.0652 U	0.0652 U	0.652 U
DP-2(12-13)	05/11/19	0.0683 U	0.0342 U	0.0342 U	0.0342 U	0.137 U	0.0342 U	0.0342 U	0.0342 U	0.0342 U	0.0342 U	0.0342 U	0.0683 U	0.0683 U	0.0683 U	0.0683 U	0.0683 U	0.0342 U	0.137 U	0.683 U	0.0683 U	0.0683 U	0.683 U
DP-3(1-2)	05/11/19	0.0619 U	0.0309 U	0.0309 U	0.0309 U	0.124 U	0.0309 U	0.0309 U	0.0309 U	0.0309 U	0.0309 U	0.0309 U	0.0619 U	0.0619 U	0.0619 U	0.0619 U	0.0619 U	0.0309 U	0.124 U	0.619 U	0.0619 U	0.0619 U	0.619 U
DP-3(12-13)	05/11/19	0.0854 U	0.0427 U	0.0427 U	0.0427 U	0.171 U	0.0427 U	0.0427 U	0.0427 U	0.0427 U	0.0427 U	0.0427 U	0.0854 U	0.0854 U	0.0854 U	0.0854 U	0.0854 U	0.0427 U	0.171 U	0.854 U	0.0854 U	0.0854 U	0.854 U
DP-4(0.5-1.5)	05/11/19	0.0572 U	0.0286 U	0.0286 U	0.0286 U	0.114 U	0.0286 U	0.0286 U	0.0286 U	0.0286 U	0.0286 U	0.0286 U	0.0572 U	0.0572 U	0.0572 U	0.0572 U	0.0572 U	0.0286 U	0.114 U	0.572 U	0.0572 U	0.0572 U	0.572 U
DP-4(8-9)	05/11/19	0.0732 U	0.0366 U	0.0366 U	0.0366 U	0.146 U	0.0366 U	0.0366 U	0.0366 U	0.0366 U	0.0366 U	0.0366 U	0.0732 U	0.0732 U	0.0732 U	0.0732 U	0.0732 U	0.0366 U	0.146 U	0.732 U	0.0732 U	0.0732 U	0.732 U
DP-4(11.5-12.5)	05/11/19	0.0743 U	0.0372 U	0.0372 U	0.0372 U	0.149 U	0.0372 U	0.0372 U	0.0372 U	0.0372 U	0.0372 U	0.0372 U	0.0743 U	0.0743 U	0.0743 U	0.0743 U	0.0743 U	0.0372 U	0.149 U	0.743 U	0.0743 U	0.0743 U	0.743 U
DP-5(1-2)	05/11/19	0.064 U	0.032 U	0.032 U	0.032 U	0.128 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.064 U	0.064 U	0.064 U	0.064 U	0.064 U	0.032 U	0.128 U	0.64 U	0.064 U	0.064 U	0.64 U
DP-5(8.5-9.5)	05/11/19	0.0701 U	0.035 U	0.035 U	0.035 U	0.14 U	0.035 U	0.035 U	0.035 U	0.035 U	0.035 U	0.035 U	0.0701 U	0.0701 U	0.0701 U	0.0701 U	0.0701 U	0.035 U	0.14 U	0.701 U	0.0701 U	0.0701 U	0.701 U
DP-5(13-14)	05/11/19	0.0713 U	0.0356 U	0.0356 U	0.0356 U	0.143 U	0.0356 U	0.0356 U	0.0356 U	0.0356 U	0.0356 U	0.0356 U	0.0713 U	0.0713 U	0.0713 U	0.0713 U	0.0713 U	0.0356 U	0.143 U	0.713 U	0.0713 U	0.0713 U	0.713 U
DP-6(1-2)	05/11/19	0.0658 U	0.0329 U	0.0329 U	0.0329 U	0.132 U	0.0329 U	0.0329 U	0.0329 U	0.0329 U	0.0329 U	0.0329 U	0.0658 U	0.0658 U	0.0658 U	0.0658 U	0.0658 U	0.0329 U	0.132 U	0.658 U	0.0658 U	0.0658 U	0.658 U
DP-6(8-9)	05/11/19	0.0822 U	0.0411 U	0.0411 U	0.0411 U	0.164 U	0.0411 U	0.0411 U	0.0411 U	0.0411 U	0.0411 U	0.0411 U	0.0822 U	0.0822 U	0.0822 U	0.0822 U	0.0822 U	0.0411 U	0.164 U	0.822 U	0.0822 U	0.0822 U	0.822 U
DP-6(12.5-13.5)	05/11/19	0.0745 U	0.0373 U	0.0373 U	0.0373 U	0.149 U	0.0373 U	0.0373 U	0.0373 U	0.0373 U	0.0373 U	0.0373 U	0.0745 U	0.0745 U	0.0745 U	0.0745 U	0.0745 U	0.0373 U	0.149 U	0.745 U	0.0745 U	0.0745 U	0.745 U
DP-7(1-2)	05/11/19	0.0634 U	0.0317 U	0.0317 U	0.0317 U	0.127 U	0.0317 U	0.0317 U	0.0317 U	0.0317 U	0.0317 U	0.0317 U	0.0634 U	0.0634 U	0.0634 U	0.0634 U	0.0634 U	0.0317 U	0.127 U	0.634 U	0.0634 U	0.0634 U	0.634 U
DP-7(6.5-7.5)	05/11/19	0.0634 U	0.0317 U	0.0317 U	0.0317 U	0.127 U	0.0317 U	0.0317 U	0.0317 U	0.0317 U	0.0317 U	0.0317 U	0.0634 U	0.0634 U	0.0634 U	0.0634 U	0.0634 U	0.0317 U	0.127 U	0.634 U	0.0634 U	0.0634 U	0.634 U
DP-7(11.5-12.5)	05/11/19	0.0472 U	0.0236 U	0.0236 U	0.0236 U	0.0944 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0236 U	0.0944 U	0.472 U	0.0472 U	0.0472 U	0.472 U
DP-8(1.5-2.5)	05/11/19	0.0765 U	0.0382 U	0.0382 U	0.0382 U	0.153 U	0.0382 U	0.0382 U	0.0382 U	0.0382 U	0.0382 U	0.0382 U	0.0765 U	0.0765 U	0.0765 U	0.0765 U	0.0765 U	0.0382 U	0.153 U	0.765 U	0.0765 U	0.0765 U	0.765 U
DP-8(8-9)	05/11/19	0.067 U	0.0335 U	0.0335 U	0.0335 U	0.134 U	0.0335 U	0.0335 U	0.0335 U	0.0335 U	0.0335 U	0.0335 U	0.067 U	0.067 U	0.067 U	0.067 U	0.067 U	0.0335 U	0.134 U	0.67 U	0.067 U	0.067 U	0.67 U
DP-8(11.5-12.5)	05/11/19	0.0628 U	0.0314 U	0.0314 U	0.0314 U	0.126 U	0.0314 U	0.0314 U	0.0314 U	0.0314 U	0.0314 U	0.0314 U	0.0628 U	0.0628 U	0.0628 U	0.0628 U	0.0628 U	0.0314 U	0.126 U	0.628 U	0.0628 U	0.0628 U	0.628 U
DP-9(1-2)	05/11/19	0.0773 U	0.0386 U	0.0386 U	0.0386 U	0.155 U	0.0386 U	0.0386 U	0.0386 U	0.0386 U	0.0386 U	0.0386 U	0.0773 U	0.0773 U	0.0773 U	0.0773 U	0.0773 U	0.0386 U	0.155 U	0.773 U	0.0773 U	0.0773 U	0.773 U
DP-9(8-9)	05/11/19	0.077 U	0.0385 U	0.0385 U	0.0385 U	0.154 U	0.0385 U	0.0385 U	0.0385 U	0.0385 U	0.0385 U	0.0385 U	0.077 U	0.077 U	0.077 U	0.077 U	0.077 U	0.0385 U	0.154 U	0.77 U	0.077 U	0.077 U	0.77 U
DP-10(2-3)	05/11/19	0.0772 U	0.0386 U	0.0386 U	0.0386 U	0.154 U	0.0386 U	0.0386 U	0.0386 U	0.0386 U	0.0386 U	0.0386 U	0.0772 U	0.0772 U	0.0772 U	0.0772 U	0.0772 U	0.0386 U	0.154 U	0.772 U	0.0772 U	0.0772 U	0.772 U
DP-10(13-14)	05/11/19	0.0659 U	0.033 U	0.033 U	0.033 U	0.132 U	0.033 U	0.033 U	0.033 U	0.033 U	0.033 U	0.033 U	0.0659 U	0.0659 U	0.0659 U	0.0659 U	0.0659 U	0.033 U	0.132 U	0.659 U	0.0659 U	0.0659 U	0.659 U
DP-11(3-4)	05/11/19	0.0578 U	0.0289 U	0.0289 U	0.0289 U	0.116 U	0.0289 U	0.0289 U	0.0289 U	0.0289 U	0.0289 U	0.0289 U	0.0578 U	0.0578 U	0.0578 U	0.0578 U	0.0578 U	0.0289 U	0.116 U	0.578 U	0.0578 U	0.0578 U	0.578 U
DP-11(10-11)	05/11/19	0.0771 U	0.0385 U	0.0385 U	0.0385 U	0.154 U	0.0385 U	0.0385 U	0.0385 U	0.0385 U	0.0385 U	0.0385 U	0.0771 U	0.0771 U	0.0771 U	0.0771 U	0.0771 U	0.0385 U	0.154 U	0.771 U	0.0771 U	0.0771 U	0.771 U
DP-11(18-19)	05/11/19	0.0723 U	0.0362 U	0.0362 U	0.0362 U	0.145 U	0.0362 U	0.0362 U	0.0362 U	0.0362 U	0.0362 U	0.0362 U	0.0723 U	0.0723 U	0.0723 U	0.0723 U	0.0723 U	0.0362 U	0.145 U	0.723 U	0.0723 U	0.0723 U	0.723 U
DP-12(1-2)	05/11/19	0.0843 U	0.0421 U	0.0421 U	0.0421 U	0.169 U	0.0421 U	0.0421 U	0.0421 U	0.0421 U	0.0421 U	0.0421 U	0.0843 U	0.0843 U	0.0843 U	0.0843 U	0.0843 U	0.0421 U	0.169 U	0.843 U	0.0843 U	0.0843 U	0.843 U
DP-12(12-13)	05/11/19	0.0661 U	0.033 U	0.033 U	0.033 U	0.132 U	0.033 U	0.033 U	0.033 U	0.033 U	0.033 U	0.033 U	0.0661 U	0.0661 U	0.0661 U	0.0661 U	0.0661 U	0.033 U	0.132 U	0.661 U	0.0661 U	0.0661 U	0.661 U
DP-12(16-17)	05/11/19	0.0663 U	0.0332 U	0.0332 U	0.0332 U	0.133 U	0.0332 U	0.0332 U	0.0332 U	0.0332 U	0.0332 U	0.0332 U	0.0663 U	0.0663 U	0.0663 U	0.0663 U	0.0663 U	0.0332 U	0.133 U	0.663 U	0.0663 U	0.0663 U	0.663 U
DP-13(4-5)	05/11/19	0.074 U	0.037 U	0.037 U	0.037 U	0.148 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.037 U	0.148 U	0.74 U	0.074 U	0.074 U	0.74 U
DP-13(9-10)	05/11/19	0.074 U	0.037 U	0.037 U	0.037 U	0.148 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.037 U	0.148 U	0.74 U	0.074 U	0.074 U	0.74 U
DP-14(2-3)	05/11/19	0.0768 U	0.0384 U	0.0384 U	0.0384 U	0.154 U	0.0384 U	0.0384 U	0.0384 U	0.0384 U	0.0384 U	0.0384 U	0.0768 U	0.0768 U	0.0768 U	0.0768 U	0.0768 U	0.0384 U	0.154 U	0.768 U	0.0768 U	0.0768 U	0.768 U
DP-14(11-12)	05/11/19	0.0835 U	0.0417 U	0.0417 U	0.0417 U	0.167 U	0.0417 U	0.0417 U	0.0417 U	0.0417 U	0.0417 U	0.0417 U	0.0835 U	0.0835 U	0.0835 U	0.0835 U	0.0835 U	0.0417 U	0.167 U	0.835 U	0.0835 U	0.0835 U	0.835 U
DP-15(4-5)	05/11/19	0.0809 U	0.0404 U	0.0404 U	0.0404 U	0.162 U	0.0404 U	0.0404 U	0.0404 U	0.0404 U	0.0404 U	0.0404 U	0.0809 U	0.0809 U	0.0809 U	0.0809 U	0.0809 U	0.0404 U	0.162 U	0.809 U	0.0809 U	0.0809 U	0.809 U
DP-16(2-3)	05/11/19	0.0654 U	0.0327 U	0.0327 U	0.0327 U	0.131 U	0.0327 U	0.0327 U	0.0327 U	0.0327 U	0.0327 U	0.0327 U	0.0654 U	0.0654 U	0.0654 U	0.0654 U	0.0654 U	0.0327 U	0.131 U	0.654 U	0.0654 U	0.0654 U	0.654 U
DP-19(11-12)	07/18/19	--	--	--	--	--	--	0.0376 U	--	--	--	--	--	--	--	--	--	0.0376 U	--	--	0.0752 U	--	--
DP-23(11-12)	07/18/19	--	--	--	--	--	--	0.0362 U	--	--	--	--	--	--	--	--	--	0.0362 U	--	--	0.0724 U	--	--
HA-1(2-2.5)	05/15/19	0.0669 U	0.0334 U	0.0334 U	0.0334 U	0.134 U	0.0334 U	0.0334 U	0.0334 U	0.0334 U	0.0334 U	0.0334 U	0.0669 U	0.0669 U	0.0669 U	0.0669 U	0.0669 U	0.0334 U	0.134 U	0.669 U	0.0669 U	0.0669 U	0.669 U
HA-1(12-12.5)	05/15/19	0.0687 U	0.0343 U	0.0343 U	0.0343 U	0.137 U	0.0343 U	0.0343 U	0.0343 U	0.0343 U	0.0343 U	0.0343 U	0.0687 U	0.0687 U	0.0687 U	0.0687 U	0.0687 U	0.0343 U	0.137 U	0.687 U	0.0687 U	0.0687 U	0.687 U
HA-1(15-15.5)	05/15/19	0.0683 U	0.0341 U	0.0341 U	0.0341 U	0.137 U	0.0341 U	0.0341 U	0.0341 U	0.0341 U	0.0341 U	0.0341 U	0.0683 U	0.0683 U	0.0683 U	0.0683 U	0.0683 U	0.0341 U	0.137 U	0.683 U	0.0683 U	0.0683 U	0.683 U
HA-2(2-2.5)	05/15/19	0.0683 U	0.0342 U	0.0342 U	0.0342 U	0.137 U	0.0342 U	0.0342 U	0.0342 U	0.0342 U	0.0342 U	0.0342 U	0.0683 U	0.0683 U	0.0683 U	0.0683 U	0.0683 U	0.0342 U	0.137 U	0.683 U	0.0683 U	0.0683 U	0.683 U
HA-8(1.3-1.5)	07/20/19	0.0646 U	0.0323 U	0.0323 U	0.0323 U	0.129 U	0.0323 U	0.0323 U	0.0323 U	0.0323 U	0.0323 U	0.0323 U	0.0646 U	0.0646 U	0.0646 U	0.0646 U	0.0646 U	0.0323 U	0.129 U	0.646 U	0.0646 U	0.0646 U	0.646 U
HA-10(0.3-0.7)	07/30/19	0.0582 U	0.0291 U	0.0291 U	0.0291 U	0.116 U	0.0291 U	0.0291 U	0.0291 U	0.0291 U	0.0291 U	0.0291 U	0.0582 U	0.0582 U	0.0582 U	0.0582 U	0.116 U	0.0291 U	0.116 U	0.0582 U	0.0582 U	0.0582 U	0.0582 U
DEQ Generic RBCs[1]																								
Soil Ingestion, Dermal Contact, and Inhalation																								
Occupational		NE	36,000	NE	64	NE	260	16	29,000	2,300	23,000	NE	NE	NE	NE	NE	NE	150	NE	NE	57,000	NE	NE
Construction Worker		NE	20,000	NE	1,300	NE	3,200	200	13,000	710	7,100	NE	NE	NE	NE	NE	NE	1,700	NE	NE	27,000	NE	NE
Excavation Worker		NE	560,000	NE	36,000	NE	89,000	5,600	370,000	20,000	200,000	NE	NE	NE	NE	NE	NE	49,000	NE	NE	750,000	NE	NE
Volatilization to Outdoor Air																								
Occupational		NE	>Csat	NE	36	NE	240	15	>Csat	>Max	>Max	NE	NE	NE	NE	NE	NE	160	NE	NE	>Csat	NE	NE
Vapor Intrusion into Buildings																								
Occupational		NE	>Csat	NE	13	NE	5.9	1.0	680	>Max	>Max	NE	NE	NE	NE	NE	NE	17	NE	NE	>Csat	NE	NE
DEQ CFSLs[2]		0.13	0.92	0.74	0.057	18	0.044	0.0028	6.7	0.63	7	0.017	7.8	NE	NE	0.01	0.01	0.22	0.016	0.36	96	NE	9.7

TABLE 2
Summary of Soil Sample Chemical Analytical Results
VOCs
Modera Morrison
1120 SE Morrison Street
Portland, Oregon

Sample I.D. (depth in feet BGS)	Sample Date	VOCs by EPA Methods 5035A/8260C (mg/kg)																						
		MTBE	Methylene Chloride	Naphthalene	n-Propylbenzene	Styrene	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	PCE	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	TCE	Trichlorofluoromethane	1,2,3-Trichloropropane	1,2,4-TMB	1,3,5-TMB	Vinyl Chloride	m-p-Xylenes	o-Xylenes
DP-1(0.5-1.5)	05/11/19	0.0692 U	0.346 U	0.138 U	0.0346 U	0.0692 U	0.138 U	0.0692 U	0.0346 U	0.0692 U	0.346 U	0.346 U	0.0346 U	0.0346 U	0.0346 U	0.138 U	0.0692 U	0.0692 U	0.0692 U	0.0346 U	0.0692 U	0.0346 U
DP-1(11.5-12.5)	05/11/19	0.0593 U	0.297 U	0.119 U	0.0297 U	0.0593 U	0.119 U	0.0593 U	0.0297 U	0.0593 U	0.297 U	0.297 U	0.0297 U	0.0297 U	0.0297 U	0.119 U	0.0593 U	0.0593 U	0.0593 U	0.0297 U	0.0593 U	0.0297 U
DP-2(1-2)	05/11/19	0.0652 U	0.326 U	0.13 U	0.0326 U	0.0652 U	0.13 U	0.0652 U	0.0326 U	0.0652 U	0.326 U	0.326 U	0.0326 U	0.0326 U	0.0326 U	0.13 U	0.0652 U	0.0652 U	0.0652 U	0.0326 U	0.0652 U	0.0326 U
DP-2(12-13)	05/11/19	0.0683 U	0.342 U	0.137 U	0.0342 U	0.0683 U	0.137 U	0.0683 U	0.0342 U	0.0683 U	0.342 U	0.342 U	0.0342 U	0.0342 U	0.0342 U	0.137 U	0.0683 U	0.0683 U	0.0683 U	0.0342 U	0.0683 U	0.0342 U
DP-3(1-2)	05/11/19	0.0619 U	0.309 U	0.124 U	0.0309 U	0.0619 U	0.124 U	0.0619 U	0.0309 U	0.0619 U	0.309 U	0.309 U	0.0309 U	0.0309 U	0.0309 U	0.124 U	0.0619 U	0.0619 U	0.0619 U	0.0309 U	0.0619 U	0.0309 U
DP-3(12-13)	05/11/19	0.0854 U	0.427 U	0.171 U	0.0427 U	0.0854 U	0.171 U	0.0854 U	0.0427 U	0.0854 U	0.427 U	0.427 U	0.0427 U	0.0427 U	0.0427 U	0.171 U	0.0854 U	0.0854 U	0.0854 U	0.0427 U	0.0854 U	0.0427 U
DP-4(0.5-1.5)	05/11/19	0.0572 U	0.286 U	0.114 U	0.0286 U	0.0572 U	0.114 U	0.0572 U	0.0286 U	0.0572 U	0.286 U	0.286 U	0.0286 U	0.0286 U	0.0286 U	0.114 U	0.0572 U	0.0572 U	0.0572 U	0.0286 U	0.0572 U	0.0286 U
DP-4(8-9)	05/11/19	0.0732 U	0.366 U	0.146 U	0.0366 U	0.0732 U	0.146 U	0.0732 U	0.0366 U	0.0732 U	0.366 U	0.366 U	0.0366 U	0.0366 U	0.0366 U	0.146 U	0.0732 U	0.0732 U	0.0732 U	0.0366 U	0.0732 U	0.0366 U
DP-4(11.5-12.5)	05/11/19	0.0743 U	0.372 U	0.149 U	0.0372 U	0.0743 U	0.149 U	0.0743 U	0.0372 U	0.0743 U	0.372 U	0.372 U	0.0372 U	0.0372 U	0.0372 U	0.149 U	0.0743 U	0.0743 U	0.0743 U	0.0372 U	0.0743 U	0.0372 U
DP-5(1-2)	05/11/19	0.064 U	0.32 U	0.128 U	0.032 U	0.064 U	0.128 U	0.064 U	0.032 U	0.064 U	0.32 U	0.32 U	0.032 U	0.032 U	0.032 U	0.128 U	0.064 U	0.064 U	0.064 U	0.032 U	0.064 U	0.032 U
DP-5(8.5-9.5)	05/11/19	0.0701 U	0.35 U	0.14 U	0.035 U	0.0701 U	0.14 U	0.0701 U	0.035 U	0.0701 U	0.35 U	0.35 U	0.035 U	0.035 U	0.035 U	0.14 U	0.0701 U	0.0701 U	0.0701 U	0.035 U	0.0701 U	0.035 U
DP-5(13-14)	05/11/19	0.0713 U	0.356 U	0.143 U	0.0356 U	0.0713 U	0.143 U	0.0713 U	0.0356 U	0.0713 U	0.356 U	0.356 U	0.0356 U	0.0356 U	0.0356 U	0.143 U	0.0713 U	0.0713 U	0.0713 U	0.0356 U	0.0713 U	0.0356 U
DP-6(1-2)	05/11/19	0.0658 U	0.329 U	0.132 U	0.0329 U	0.0658 U	0.132 U	0.0658 U	0.0329 U	0.0658 U	0.329 U	0.329 U	0.0329 U	0.0329 U	0.0329 U	0.132 U	0.0658 U	0.0658 U	0.0658 U	0.0329 U	0.0658 U	0.0329 U
DP-6(8-9)	05/11/19	0.0822 U	0.411 U	0.164 U	0.0411 U	0.0822 U	0.164 U	0.0822 U	0.0411 U	0.0822 U	0.411 U	0.411 U	0.0411 U	0.0411 U	0.0411 U	0.164 U	0.0822 U	0.0822 U	0.0822 U	0.0411 U	0.0822 U	0.0411 U
DP-6(12.5-13.5)	05/11/19	0.0745 U	0.373 U	0.149 U	0.0373 U	0.0745 U	0.149 U	0.0745 U	0.0373 U	0.0745 U	0.373 U	0.373 U	0.0373 U	0.0373 U	0.0373 U	0.149 U	0.0745 U	0.0745 U	0.0745 U	0.0373 U	0.0745 U	0.0373 U
DP-7(1-2)	05/11/19	0.0634 U	0.317 U	0.127 U	0.0317 U	0.0634 U	0.127 U	0.0634 U	0.0317 U	0.0634 U	0.317 U	0.317 U	0.0317 U	0.0317 U	0.0317 U	0.127 U	0.0634 U	0.0634 U	0.0634 U	0.0317 U	0.0634 U	0.0317 U
DP-7(6.5-7.5)	05/11/19	0.0634 U	0.317 U	0.127 U	0.0317 U	0.0634 U	0.127 U	0.0634 U	0.0317 U	0.0634 U	0.317 U	0.317 U	0.0317 U	0.0317 U	0.0317 U	0.127 U	0.0634 U	0.0634 U	0.0634 U	0.0317 U	0.0634 U	0.0317 U
DP-7(11.5-12.5)	05/11/19	0.0472 U	0.236 U	0.0944 U	0.0236 U	0.0472 U	0.0944 U	0.0472 U	0.0236 U	0.0472 U	0.236 U	0.236 U	0.0236 U	0.0236 U	0.0236 U	0.0944 U	0.0472 U	0.0472 U	0.0472 U	0.0236 U	0.0472 U	0.0236 U
DP-8(1.5-2.5)	05/11/19	0.0765 U	0.382 U	0.153 U	0.0382 U	0.0765 U	0.153 U	0.0765 U	0.0382 U	0.0765 U	0.382 U	0.382 U	0.0382 U	0.0382 U	0.0382 U	0.153 U	0.0765 U	0.0765 U	0.0765 U	0.0382 U	0.0765 U	0.0382 U
DP-8(8-9)	05/11/19	0.067 U	0.335 U	0.134 U	0.0335 U	0.067 U	0.134 U	0.067 U	0.0335 U	0.067 U	0.335 U	0.335 U	0.0335 U	0.0335 U	0.0335 U	0.134 U	0.067 U	0.067 U	0.067 U	0.0335 U	0.067 U	0.0335 U
DP-8(11.5-12.5)	05/11/19	0.0628 U	0.314 U	0.126 U	0.0314 U	0.0628 U	0.126 U	0.0628 U	0.0314 U	0.0628 U	0.314 U	0.314 U	0.0314 U	0.0314 U	0.0314 U	0.126 U	0.0628 U	0.0628 U	0.0628 U	0.0314 U	0.0628 U	0.0314 U
DP-9(1-2)	05/11/19	0.0773 U	0.386 U	0.155 U	0.0386 U	0.0773 U	0.155 U	0.0773 U	0.0386 U	0.0773 U	0.386 U	0.386 U	0.0386 U	0.0386 U	0.0386 U	0.155 U	0.0773 U	0.0773 U	0.0773 U	0.0386 U	0.0773 U	0.0386 U
DP-9(8-9)	05/11/19	0.077 U	0.385 U	0.154 U	0.0385 U	0.077 U	0.154 U	0.077 U	0.0385 U	0.077 U	0.385 U	0.385 U	0.0385 U	0.0385 U	0.0385 U	0.154 U	0.077 U	0.077 U	0.077 U	0.0385 U	0.077 U	0.0385 U
DP-10(2-3)	05/11/19	0.0772 U	0.386 U	0.154 U	0.0386 U	0.0772 U	0.154 U	0.0772 U	0.0386 U	0.0772 U	0.386 U	0.386 U	0.0386 U	0.0386 U	0.0386 U	0.154 U	0.0772 U	0.0772 U	0.0772 U	0.0386 U	0.0772 U	0.0386 U
DP-10(13-14)	05/11/19	0.0659 U	0.33 U	0.132 U	0.033 U	0.0659 U	0.132 U	0.0659 U	0.033 U	0.0659 U	0.33 U	0.33 U	0.033 U	0.033 U	0.033 U	0.132 U	0.0659 U	0.0659 U	0.0659 U	0.033 U	0.0659 U	0.033 U
DP-11(3-4)	05/11/19	0.0578 U	0.289 U	0.116 U	0.0289 U	0.0578 U	0.116 U	0.0578 U	0.0289 U	0.0578 U	0.289 U	0.289 U	0.0289 U	0.0289 U	0.0289 U	0.116 U	0.0578 U	0.0578 U	0.0578 U	0.0289 U	0.0578 U	0.0289 U
DP-11(10-11)	05/11/19	0.0771 U	0.385 U	0.154 U	0.0385 U	0.0771 U	0.154 U	0.0771 U	0.0385 U	0.0771 U	0.385 U	0.385 U	0.0385 U	0.0385 U	0.0385 U	0.154 U	0.0771 U	0.0771 U	0.0771 U	0.0385 U	0.0771 U	0.0385 U
DP-11(18-19)	05/11/19	0.0723 U	0.362 U	0.145 U	0.0362 U	0.0723 U	0.145 U	0.0723 U	0.0362 U	0.0723 U	0.362 U	0.362 U	0.0362 U	0.0362 U	0.0362 U	0.145 U	0.0723 U	0.0723 U	0.0723 U	0.0362 U	0.0723 U	0.0362 U
DP-12(1-2)	05/11/19	0.0843 U	0.421 U	0.169 U	0.0421 U	0.0843 U	0.169 U	0.0843 U	0.0421 U	0.0843 U	0.421 U	0.421 U	0.0421 U	0.0421 U	0.0421 U	0.169 U	0.0843 U	0.0843 U	0.0843 U	0.0421 U	0.0843 U	0.0421 U
DP-12(12-13)	05/11/19	0.0661 U	0.33 U	0.132 U	0.033 U	0.0661 U	0.132 U	0.0661 U	0.033 U	0.0661 U	0.33 U	0.33 U	0.033 U	0.033 U	0.033 U	0.132 U	0.0661 U	0.0661 U	0.0661 U	0.033 U	0.0661 U	0.033 U
DP-12(16-17)	05/11/19	0.0663 U	0.332 U	0.133 U	0.0332 U	0.0663 U	0.133 U	0.0663 U	0.0332 U	0.0663 U	0.332 U	0.332 U	0.0332 U	0.0332 U	0.0332 U	0.133 U	0.0663 U	0.0663 U	0.0663 U	0.0332 U	0.0663 U	0.0332 U
DP-13(4-5)	05/11/19	0.074 U	0.37 U	0.148 U	0.037 U	0.074 U	0.148 U	0.074 U	0.037 U	0.074 U	0.37 U	0.37 U	0.037 U	0.037 U	0.037 U	0.148 U	0.074 U	0.074 U	0.074 U	0.037 U	0.074 U	0.037 U
DP-13(9-10)	05/11/19	0.074 U	0.37 U	0.148 U	0.037 U	0.074 U	0.148 U	0.074 U	0.037 U	0.074 U	0.37 U	0.37 U	0.037 U	0.037 U	0.037 U	0.148 U	0.074 U	0.074 U	0.074 U	0.037 U	0.074 U	0.037 U
DP-14(2-3)	05/11/19	0.0768 U	0.384 U	0.154 U	0.0384 U	0.0768 U	0.154 U	0.0768 U	0.0384 U	0.0768 U	0.384 U	0.384 U	0.0384 U	0.0384 U	0.0384 U	0.154 U	0.0768 U	0.0768 U	0.0768 U	0.0384 U	0.0768 U	0.0384 U
DP-14(11-12)	05/11/19	0.0835 U	0.417 U	0.167 U	0.0417 U	0.0835 U	0.167 U	0.0835 U	0.0417 U	0.0835 U	0.417 U	0.417 U	0.0417 U	0.0417 U	0.0417 U	0.167 U	0.0835 U	0.0835 U	0.0835 U	0.0417 U	0.0835 U	0.0417 U
DP-15(4-5)	05/11/19	0.0809 U	0.404 U	0.162 U	0.0404 U	0.0809 U	0.162 U	0.0809 U	0.0404 U	0.0809 U	0.404 U	0.404 U	0.0404 U	0.0404 U	0.0404 U	0.162 U	0.0809 U	0.0809 U	0.0809 U	0.0404 U	0.0809 U	0.0404 U
DP-16(2-3)	05/11/19	0.0654 U	0.327 U	0.131 U	0.0327 U	0.0654 U	0.131 U	0.0654 U	0.0327 U	0.0654 U	0.327 U	0.327 U	0.0327 U	0.0327 U	0.0327 U	0.131 U	0.0654 U	0.0654 U	0.0654 U	0.0327 U	0.0654 U	0.0327 U
DP-19(11-12)	07/18/19	0.0752 U	--	0.150 U	--	--	--	--	--	0.0752 U	--	--	--	--	--	--	--	0.0752 U	0.0752 U	--	0.113	U
DP-23(11-12)	07/18/19	0.0724 U	--	0.145 U	--	--	--	--	--	0.0724 U	--	--	--	--	--	--	--	0.0724 U	0.0724 U	--	0.109	U
HA-1(2-2.5)	05/15/19	0.0669 U	0.334 U	0.134 U	0.0334 U	0.0669 U	0.134 U	0.0669 U	0.0334 U	0.0669 U	0.334 U	0.334 U	0.0334 U	0.0334 U	0.0334 U	0.134 U	0.0669 U	0.0669 U	0.0669 U	0.0334 U	0.0669 U	0.0334 U
HA-1(12-12.5)	05/15/19	0.0687 U	0.343 U	0.137 U	0.0343 U	0.0687 U	0.137 U	0.0687 U	0.0343 U	0.0687 U	0.343 U	0.343 U	0.0343 U	0.0343 U	0.0343 U	0.137 U	0.0687 U	0.0687 U	0.0687 U	0.0343 U	0.0687 U	0.0343 U
HA-1(15-15.5)	05/15/19	0.0683 U	0.341 U	0.137 U	0.0341 U	0.0683 U	0.137 U	0.0683 U	0.0341 U	0.0683 U	0.341 U	0.341 U	0.0341 U	0.0341 U	0.0341 U	0.137 U	0.0683 U	0.0683 U	0.0683 U	0.0341 U	0.0683 U	0.0341 U
HA-2(2-2.5)	05/15/19	0.0683 U	0.342 U	0.137 U	0.0342 U	0.0683 U	0.137 U	0.0683 U	0.0342 U	0.0683 U	0.342 U	0.342 U	0.0342 U	0.0342 U	0.0342 U	0.137 U	0.0683 U	0.0683 U	0.0683 U	0.0342 U	0.0683 U	0.0342 U
HA-8(1.3-1.5)	07/30/19	0.0646 U	0.323 U	0.129 U	0.0323 U	0.0646 U	0.0323 U	0.0646 U	0.0323 U	0.0646 U	0.323 U	0.323 U	0.0323 U	0.0323 U	0.0323 U	0.129 U	0.0646 U	**0.134**	**0.0752**	0.0323 U	**0.119**	**0.0678**
HA-10(0.3-0.7)	07/30/19	0.0582 U	0.0291 U	0.116 U	0.0291 U	0.0582 U	0.0291 U	0.0582 U	0.0291 U	0.0582 U	0.291 U	0.291 U	0.0291 U	0.0291 U	0.0291 U	0.116 U	0.0582 U	0.0582 U	0.0582 U	0.0291 U	0.0582 U	0.0291 U
DEQ Generic RBCs[1]																						
Soil Ingestion, Dermal Contact, and Inhalation																						
Occupational		1,100	1,600	23	NE	130,000	NE	NE	1,000	88,000	NE	NE	870,000	26	51	130,000	NE	6,900	6,900	4.4	25,000	25,000
Construction Worker		12,000	2,100	580	NE	56,000	NE	NE	1,800	28,000	NE	NE	470,000	54	130	69,000	NE	2,900	2,900	34	20,000	20,000
Excavation Worker		320,000	58,000	16,000	NE	>Max	NE	NE	50,000	770,000	NE	NE	>Max	1,500	3,700	>Max	NE	81,000	81,000	950	560,000	560,000
Volatilization to Outdoor Air																						
Occupational		1,500	>Csat	83	NE	>Csat	NE	NE	>Csat	>Csat	NE	NE	>Csat	24	96	>Csat	NE	>Csat	>Csat	89	>Csat	>Csat
Vapor Intrusion into Buildings																						
Occupational		110	950	83	NE	>Csat	NE	NE	36	>Csat	NE	NE	>Csat	4.2	2.3	>Csat	NE	>Csat	>Csat	2.2	>Csat	>Csat
DEQ CFSLs[2]		0.11	0.14	0.077	NE	1.2	0.013	0.0018	0.18	23	1.3	0.2	190	0.0063	0.013	52	0.000019	10	11	0.00057	1.4	1.4

Notes:
1. DEQ Generic RBCs dated May 2018
2. DEQ CFSLs dated February 21, 2019
>Csat: This soil RBC exceeds the limit of three-phase equilibrium partitioning. Refer to Appendix D of DEQ's RBDM guidance document for the corresponding value of Csat. Soil concentrations in excess of Csat indicate that free product might be present.
>Max: The constituent RBC for this pathway is calculated as greater than 1,000,000 mg/kg or 1,000,000 mg/L. Therefore, this substance is deemed not to pose risks in this scenario.
U: Not detected. Reporting or detection limit shown.

TABLE 3
Summary of Soil Sample Chemical Analytical Results
RCRA 8 Total Metals and Leachable Lead
Modera Morrison
1120 SE Morrison Street
Portland, Oregon

Sample I.D. (depth in feet BGS)	Sample Date	Fill/Native	RCRA 8 Total Metals by EPA Method 6020A (ICP-MS) (mg/kg)								Leachable Lead by EPA Methods 1311/6020A (ICP-MS) (mg/L)
			Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver	
DP-1(0.5-1.5)	05/11/19	Native	5.38	179	0.358	19.1	10.8	0.105 U	1.32 U	0.264 U	--
DP-1(11.5-12.5)	05/11/19	Native	3.9	122	0.805	10.6	7.02	0.0964 U	1.20 U	0.241 U	--
DP-2(1-2)	05/11/19	Native	12.0	187	0.534	24.4	14.0	0.104 U	1.30 U	0.260 U	--
DP-2(12-13)	05/11/19	Native	5.8	151	0.931	17.6	8.53	0.110 U	1.38 U	0.276 U	--
DP-3(1-2)	05/11/19	Native	11.7	215	0.615	26.1	14.9	0.107 U	1.34 U	0.268 U	--
DP-3(12-13)	05/11/19	Native	5.35	150	0.698	16.4	8.83	0.111 U	1.38 U	0.277 U	--
DP-4(0.5-1.5)	05/11/19	Fill	7.75	183	0.431	15.0	194	0.101 U	1.26 U	0.252 U	0.0500 U
DP-4(8-9)	05/11/19	Native	8.87	186	1.05	21.0	11.9	0.114 U	1.43 U	0.286 U	--
DP-4(11.5-12.5)	05/11/19	Native	4.16	122	0.693	11.1	6.64	0.0991 U	1.24 U	0.248 U	--
DP-5(1-2)	05/11/19	Fill	9.54	190	0.545	21.3	28.3	0.109 U	1.36 U	0.273 U	--
DP-5(8.5-9.5)	05/11/19	Native	9.06	164	0.784	23.8	11.1	0.117 U	1.47 U	0.293 U	--
DP-5(13-14)	05/11/19	Native	5.67	157	0.800	20.1	7.32	0.105 U	1.32 U	0.263 U	--
DP-6(1-2)	05/11/19	Native	13.0	171	0.634	25.0	15.3	0.105 U	1.32 U	0.263 U	--
DP-6(8-9)	05/11/19	Native	8.43	178	0.842	26.3	10.5	0.108 U	1.35 U	0.270 U	--
DP-6(12.5-13.5)	05/11/19	Native	6.21	145	0.839	18.2	8.40	0.106 U	1.32 U	0.265 U	--
DP-7(1-2)	05/11/19	Fill	1.10 U	34.1	0.220 U	4.90	3.06	0.0879 U	1.10 U	0.220 U	--
DP-7(6.5-7.5)	05/11/19	Fill	3.32	86.8	0.504	10.9	14.8	0.0944 U	1.18 U	0.236 U	--
DP-7(11.5-12.5)	05/11/19	Native	4.56	118	0.689	11.5	19.5	0.100 U	1.25 U	0.250 U	--
DP-8(1.5-2.5)	05/11/19	Native	9.9	182	0.899 U	21.2	15.0	0.118 U	1.48 U	0.296 U	--
DP-8(8-9)	05/11/19	Native	4.36	132	0.79	11.5	7.56	0.0982 U	1.23 U	0.246 U	--
DP-8(11.5-12.5)	05/11/19	Native	3.89	114	0.552	11.6	5.08	0.0889 U	1.11 U	0.222 U	--
DP-9(1-2)	05/11/19	Native	11.2	201	0.92	22.8	15.9	0.124 U	1.55 U	0.311 U	--
DP-9(8-9)	05/11/19	Native	5.36	140	0.784	18.8	7.96	0.108 U	1.35 U	0.269 U	--
DP-10(2-3)	05/11/19	Native	7.37	132	0.326	19.6	13.8	0.102 U	1.27 U	0.254 U	--
DP-10(13-14)	05/11/19	Native	7.11	208	0.929	22.8	9.44	0.107 U	1.34 U	0.267 U	--
DP-11(3-4)	05/11/19	Native	9.11	199	0.624	25.1	13.6	0.110 U	1.38 U	0.276 U	--
DP-11(10-11)	05/11/19	Native	3.86	132	0.557	12.3	5.67	0.0980 U	1.22 U	0.245 U	--

TABLE 3
Summary of Soil Sample Chemical Analytical Results
RCRA 8 Total Metals and Leachable Lead
Modera Morrison
1120 SE Morrison Street
Portland, Oregon

Sample I.D. (depth in feet BGS)	Sample Date	Fill/Native	RCRA 8 Total Metals by EPA Method 6020A (ICP-MS) (mg/kg)								Leachable Lead by EPA Methods 1311/6020A (ICP-MS) (mg/L)
			Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver	
DP-11(18-19)	05/11/19	Native	3.98	106	0.587	11.9	5.57	0.0985 U	1.23 U	0.246 U	--
DP-12(1-2)	05/11/19	Native	11.3	176	1.08	29.1	14.2	0.112 U	1.39 U	0.279 U	--
DP-12(12-13)	05/11/19	Native	4.79	141	0.711	15.1	5.69	0.0981 U	1.23 U	0.245 U	--
DP-12(16-17)	05/11/19	Native	4.18	109	0.607	11.3	5.69	0.0947 U	1.18 U	0.237 U	--
DP-13(4-5)	05/11/19	Native	12.3	179	0.974	24.3	15.1	0.109 U	1.37 U	0.273 U	--
DP-13(9-10)	05/11/19	Native	4.89	127	0.801	14.4	7.16	0.108 U	1.35 U	0.269 U	--
DP-14(2-3)	05/11/19	Native	11.4	231	1.06	28.5	14.3	0.116 U	1.46 U	0.291 U	--
DP-14(11-12)	05/11/19	Native	4.78	129	0.853	14.9	7.48	0.113 U	1.42 U	0.284 U	--
DP-15(4-5)	05/11/19	Native	12.1	206	1.01	26.4	15.8	0.115 U	1.44 U	0.288 U	--
DP-16(2-3)	05/15/19	Native	11.9	176	0.837	28.3	15.2	0.110 U	1.38 U	0.275 U	--
DP-25(1-1.5)	07/18/19	Fill	--	--	--	--	50.6	--	--	--	--
DP-25(4-4.5)	07/18/19	Native	--	--	--	--	12.8	--	--	--	--
DP-26(1-1.5)	07/18/19	Fill	--	--	--	--	991	--	--	--	0.350
DP-26(2-2.5)	07/18/19	Native	--	--	--	--	17.6	--	--	--	--
DP-27(1-1.5)	07/18/19	Fill	--	--	--	--	146	--	--	--	--
DP-27(2-2.5)	07/18/19	Native	--	--	--	--	15.5	--	--	--	--
DP-28(1-1.5)	07/18/19	Fill	--	--	--	--	80	--	--	--	--
DP-28(2-2.5)	07/18/19	Native	--	--	--	--	15.4	--	--	--	--
DP-29(1-1.5)	07/18/19	Native	--	--	--	--	12.0	--	--	--	--
DP-29(2-2.5)	07/18/19	Native	--	--	--	--	13.8	--	--	--	--
DP-30(1-1.5)	07/18/19	Fill	--	--	--	--	59.8	--	--	--	--
DP-30(2-2.5)	07/18/19	Native	--	--	--	--	16.0	--	--	--	--
DP-31(1-1.5)	07/18/19	Fill	--	--	--	--	92.3	--	--	--	--
DP-31(2-2.5)	07/18/19	Native	--	--	--	--	17.6	--	--	--	--
DP-32(1-1.5)	07/18/19	Fill	--	--	--	--	1,580	--	--	--	0.173
DP-32(2-2.5)	07/18/19	Native	--	--	--	--	15.5	--	--	--	--
HA-1(2-2.5)	05/15/19	Native	10.3	121	0.318	22.5	21.7	0.100 U	1.25 U	0.251 U	--

TABLE 3
Summary of Soil Sample Chemical Analytical Results
RCRA 8 Total Metals and Leachable Lead
Modera Morrison
1120 SE Morrison Street
Portland, Oregon

Sample I.D. (depth in feet BGS)	Sample Date	Fill/Native	RCRA 8 Total Metals by EPA Method 6020A (ICP-MS) (mg/kg)								Leachable Lead by EPA Methods 1311/6020A (ICP-MS) (mg/L)
			Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver	
HA-1(12-12.5)	05/15/19	Native	**8.87**	**200**	**0.521**	**26.8**	**11.1**	0.101 U	1.27 U	0.254 U	--
HA-1(15-15.5)	05/15/19	Native	**6.21**	**153**	**0.612**	**17.3**	**9.54**	0.105 U	1.31 U	0.263 U	--
HA-2(2-2.5)	05/15/19	Native	**4.32**	**144**	**0.628**	**11.9**	**8.06**	0.100 U	1.26 U	0.251 U	--
HA-3	07/30/19	NA	--	--	--	--	--	--	--	--	--
HA-4(0.5-1)	07/30/19	Fill	--	--	--	--	**67.5**	--	--	--	--
HA-5(0.3-0.7)	07/30/19	Fill	--	--	--	--	**52.2**	--	--	--	--
HA-5(0.7-1.2)	07/30/19	Native	--	--	--	--	**14.6**	--	--	--	--
HA-6(0.5-1)	07/30/19	Native	--	--	--	--	**12.6**	--	--	--	--
HA-6(1-1.5)	07/30/19	Native	--	--	--	--	**16.8**	--	--	--	--
HA-7(0.2-0.7)	07/30/19	Fill	--	--	--	--	**131**	--	--	--	0.0500 U
HA-7(1-1.5)	07/30/19	Native	--	--	--	--	**16.9**	--	--	--	--
HA-8(1-1.3)	07/30/19	Fill	--	--	--	--	**54.6**	--	--	--	--
HA-8(1.3-1.5)	07/30/19	Fill	--	--	--	--	**94.6**	--	--	--	--
HA-9(0.5-1)	07/30/19	Native	--	--	--	--	**15.7**	--	--	--	--
HA-10(0.3-0.7)	07/30/19	Fill	--	--	--	--	**232**	--	--	--	**0.106**
HA-11(0.5-1)	07/30/19	Fill	--	--	--	--	**329**	--	--	--	**0.0560**
HA-11(1-1.5)	07/30/19	Native	--	--	--	--	**12.7**	--	--	--	--
HA-12(1-1.5)	07/30/19	Native	--	--	--	--	**16.5**	--	--	--	--
HA-13(0.5-1)	07/30/19	Fill	--	--	--	--	**108**	--	--	--	--
HA-13(1-1.5)	07/30/19	Native	--	--	--	--	**14.8**	--	--	--	--
HA-14(0.5-1)	07/30/19	Native	--	--	--	--	**12.0**	--	--	--	--
HA-14(1-1.5)	07/30/19	Native	--	--	--	--	**11.3**	--	--	--	--
90% UCL [1]			***8.039*** [2]		***0.75*** [3]		***13.18*** [4]				

TABLE 3
Summary of Soil Sample Chemical Analytical Results
RCRA 8 Total Metals and Leachable Lead
Modera Morrison
1120 SE Morrison Street
Portland, Oregon

Sample I.D. (depth in feet BGS)	Sample Date	Fill/Native	RCRA 8 Total Metals by EPA Method 6020A (ICP-MS) (mg/kg)								Leachable Lead by EPA Methods 1311/6020A (ICP-MS) (mg/L)
			Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver	
DEQ Generic RBCs[5]											
Soil Ingestion, Dermal Contact, and Inhalation											
Occupational			1.9	220,000	1,100	>Max	800	350	NE	5,800	NE
Construction Worker			15	69,000	350	530,000	800	110	NE	1,800	NE
Excavation Worker			420	>Max	9,700	>Max	800	2,900	NE	49,000	NE
Volatilization to Outdoor Air											
Occupational			NV	NV	NV	NV	NV	NV	NE	NV	NE
Vapor Intrusion into Buildings											
Occupational			NV	NV	NV	NV	NV	NV	NE	NV	NE
EPA Maximum Threshold Limits[6]			100	2,000	20	100	100	4	20	100	NA
EPA TCLP Limits[7]			NA	NA	NA	NA	NA	NA	NA	NA	5.0
DEQ CFSLs[8]			8.8	790	0.63	76	28	0.23	0.71	2.6	NA

Notes:

1. Calculated 90% UCL based on data size, data distribution, and skewness, as recommended in DEQ's Internal Management Directive updated on February 21, 2019. See ProUCL Outputs for arsenic, cadmium, and lead in Appendix E. The calculated 90% UCLs exclude data from DP-4(0.5-1.5), DP-25(1-1.5), DP-26(1-1.5), DP-27(1-1.5), DP-28(1-1.5), DP-30(1-1.5), DP-31(1-1.5), DP-32(1-1.5), HA-4(0.5-1), HA-5(0.0-0.7), HA-7(0.2-0.7), HA-8(1-1.3), HA-8(1.3-1.5), HA-10(0.3-0.7), HA-11(0.5-1), and HA-13(0.5-1).
2. ProUCL-recommended use of the Gamma KM Adjusted Gamma 90% UCL value for this analytes data set.
3. ProUCL-recommended use of the Normal KM Student's-t 90% UCL value for this analytes data set.
4. ProUCL-recommended use of the Normal Student's-t 90% UCL value for this analytes data set.
5. DEQ Generic RBCs dated May 2018
6. Section 1.2 of EPA Method 1311 (TCLP) allows for a total constituent analysis in lieu of the TCLP extraction. The maximum allowable limits equate to 20 times the maximum leachable limit.
7. Analytes exceeding the maximum leachable limits are defined as toxicity characteristic hazardous waste.
8. DEQ CFSLs dated February 21, 2019

>Max: The constituent RBC for this pathway is calculated as greater than 1,000,000 mg/kg or 1,000,000 mg/L. Therefore, this substance is deemed not to pose risks in this scenario.
NV: chemical is considered non-volatile
U: Not detected. Reporting or detection limit shown.
Bolding indicates analyte detection.
Shading indicates analyte detection at a concentration greater than DEQ RBCs and/or CFSLs.
--: not analyzed

TABLE 4
Summary of Soil Sample Chemical Analytical Results
PAHs
Modera Morrison
1120 SE Morrison Street
Portland, Oregon

Sample I.D. (depth in feet BGS)	Sample Date	PAHs by EPA Method 8270D SIM (mg/kg)																	
		Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(g,h,i)perylene	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Phenanthrene	Pyrene
DP-1(0.5-1.5)	05/11/19	0.0103 U	0.0103 U	0.0103 U	**0.0217**	**0.0211**	**0.0315**	**0.0201**	0.0103 U	**0.0283**	0.0103 U	0.0103 U	**0.0407**	0.0103 U	**0.0181**	0.0103 U	0.0103 U	0.0103 U	**0.0256**	**0.0508**
DP-1(11.5-12.5)	05/11/19	0.00973 U	0.00973 U	0.00973 U	0.00973 U	0.00973 U	0.00973 U	0.00973 U	0.00973 U	0.00973 U	0.00973 U	0.00973 U	0.00973 U	0.00973 U	0.00973 U	0.00973 U	0.00973 U	0.00973 U	0.00973 U	0.00973 U
DP-2(1-2)	05/11/19	0.0107 U	0.0107 U	0.0107 U	0.0107 U	0.0107 U	0.0107 U	0.0107 U	0.0107 U	0.0107 U	0.0107 U	0.0107 U	0.0107 U	0.0107 U	0.0107 U	0.0107 U	0.0107 U	0.0107 U	0.0107 U	0.0107 U
DP-2(12-13)	05/11/19	0.0123 U	0.0123 U	0.0123 U	0.0123 U	0.0123 U	0.0123 U	0.0123 U	0.0123 U	0.0123 U	0.0123 U	0.0123 U	0.0123 U	0.0123 U	0.0123 U	0.0123 U	0.0123 U	0.0123 U	0.0123 U	0.0123 U
DP-3(1-2)	05/11/19	0.0106 U	0.0106 U	0.0106 U	0.0106 U	0.0106 U	0.0106 U	0.0106 U	0.0106 U	0.0106 U	0.0106 U	0.0106 U	0.0106 U	0.0106 U	0.0106 U	0.0106 U	0.0106 U	0.0106 U	0.0106 U	0.0106 U
DP-3(12-13)	05/11/19	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U
DP-4(0.5-1.5)	05/11/19	**0.0127**	**0.197**	**0.0842**	**0.343**	**0.682**	**0.779**	**0.703**	**0.206**	**0.705**	**0.073**	0.0111 U	**1.67**	**0.0605**	**0.604**	**0.0859**	**0.0364**	**0.0267**	**1.26**	**2.15**
DP-4(8-9)	05/11/19	0.0111 U	0.0111 U	0.0111 U	0.0111 U	0.0111 U	0.0111 U	0.0111 U	0.0111 U	0.0111 U	0.0111 U	0.0111 U	0.0111 U	0.0111 U	0.0111 U	0.0111 U	0.0111 U	0.0111 U	0.0111 U	0.0111 U
DP-4(11.5-12.5)	05/11/19	0.0117 U	0.0117 U	0.0117 U	0.0117 U	0.0117 U	0.0117 U	0.0117 U	0.0117 U	0.0117 U	0.0117 U	0.0117 U	0.0117 U	0.0117 U	0.0117 U	0.0117 U	0.0117 U	0.0117 U	0.0117 U	0.0117 U
DP-5(1-2)	05/11/19	0.0122 U	0.0122 U	0.0122 U	0.0122 U	0.0122 U	0.0122 U	0.0122 U	0.0122 U	0.0122 U	0.0122 U	0.0122 U	0.0122 U	0.0122 U	0.0122 U	0.0122 U	0.0122 U	0.0122 U	0.0122 U	0.0122 U
DP-5(8.5-9.5)	05/11/19	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U
DP-5(13-14)	05/11/19	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U
DP-6(1-2)	05/11/19	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U
DP-6(8-9)	05/11/19	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U
DP-6(12.5-13.5)	05/11/19	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U
DP-7(1-2)	05/11/19	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U
DP-7(6.5-7.5)	05/11/19	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U
DP-7(11.5-12.5)	05/11/19	0.00959 U	0.00959 U	0.00959 U	0.00959 U	0.00959 U	0.00959 U	0.00959 U	0.00959 U	0.00959 U	0.00959 U	0.00959 U	0.00959 U	0.00959 U	0.00959 U	0.00959 U	0.00959 U	0.00959 U	0.00959 U	0.00959 U
DP-8(1.5-2.5)	05/11/19	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U
DP-8(8-9)	05/11/19	0.00971 U	0.00971 U	0.00971 U	0.00971 U	0.00971 U	0.00971 U	0.00971 U	0.00971 U	0.00971 U	0.00971 U	0.00971 U	0.00971 U	0.00971 U	0.00971 U	0.00971 U	0.00971 U	0.00971 U	0.00971 U	0.00971 U
DP-8(11.5-12.5)	05/11/19	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U
DP-9(1-2)	05/11/19	0.0123 U	0.0123 U	0.0123 U	0.0123 U	0.0123 U	0.0123 U	0.0123 U	0.0123 U	0.0123 U	0.0123 U	0.0123 U	0.0123 U	0.0123 U	0.0123 U	0.0123 U	0.0123 U	0.0123 U	0.0123 U	0.0123 U
DP-9(8-9)	05/11/19	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U
DP-10(2-3)	05/11/19	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U
DP-10(13-14)	05/11/19	0.00998 U	0.00998 U	0.00998 U	0.00998 U	0.00998 U	0.00998 U	**0.0135**	0.00998 U	0.00998 U	0.00998 U	0.00998 U	0.00998 U	0.00998 U	**0.014**	0.00998 U	0.00998 U	0.00998 U	0.00998 U	0.00998 U
DP-11(3-4)	05/11/19	0.00983 U	0.00983 U	0.00983 U	0.00983 U	0.00983 U	0.00983 U	0.00983 U	0.00983 U	0.00983 U	0.00983 U	0.00983 U	0.00983 U	0.00983 U	0.00983 U	0.00983 U	0.00983 U	0.00983 U	0.00983 U	0.00983 U
DP-11(10-11)	05/11/19	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U
DP-11(18-19)	05/11/19	0.0116 U	0.0116 U	0.0116 U	0.0116 U	0.0116 U	0.0116 U	0.0116 U	0.0116 U	0.0116 U	0.0116 U	0.0116 U	0.0116 U	0.0116 U	0.0116 U	0.0116 U	0.0116 U	0.0116 U	0.0116 U	0.0116 U
DP-12(1-2)	05/11/19	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U
DP-12(12-13)	05/11/19	0.0103 U	0.0103 U	0.0103 U	0.0103 U	0.0103 U	0.0103 U	0.0103 U	0.0103 U	0.0103 U	0.0103 U	0.0103 U	0.0103 U	0.0103 U	0.0103 U	0.0103 U	0.0103 U	0.0103 U	0.0103 U	0.0103 U
DP-12(16-17)	05/11/19	0.00992 U	0.00992 U	0.00992 U	0.00992 U	0.00992 U	0.00992 U	0.00992 U	0.00992 U	0.00992 U	0.00992 U	0.00992 U	0.00992 U	0.00992 U	0.00992 U	0.00992 U	0.00992 U	0.00992 U	0.00992 U	0.00992 U
DP-13(4-5)	05/11/19	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U
DP-13(9-10)	05/11/19	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U
DP-14(2-3)	05/11/19	0.0116 U	0.0116 U	0.0116 U	0.0116 U	0.0116 U	0.0116 U	0.0116 U	0.0116 U	0.0116 U	0.0116 U	0.0116 U	0.0116 U	0.0116 U	0.0116 U	0.0116 U	0.0116 U	0.0116 U	0.0116 U	0.0116 U

TABLE 4
Summary of Soil Sample Chemical Analytical Results
PAHs
Modera Morrison
1120 SE Morrison Street
Portland, Oregon

Sample I.D. (depth in feet BGS)	Sample Date	PAHs by EPA Method 8270D SIM (mg/kg)																		
		Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(g,h,i)perylene	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Phenanthrene	Pyrene
DP-14(11-12)	05/11/19	0.0124 U	0.0124 U	0.0124 U	0.0124 U	0.0124 U	0.0124 U	0.0124 U	0.0124 U	0.0124 U	0.0124 U	0.0124 U	0.0124 U	0.0124 U	0.0124 U	0.0124 U	0.0124 U	0.0124 U	0.0124 U	0.0124 U
DP-15(4-5)	05/11/19	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U
DP-16(2-3)	05/11/19	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U
DP-19(11-12)	07/18/19	0.0106 U	0.0106 U	0.0106 U	0.0106 U	0.0106 U	0.0106 U	0.0106 U	0.0106 U	0.0106 U	0.0106 U	0.0106 U	0.0106 U	0.0106 U	0.0106 U	0.0106 U	0.0106 U	0.0106 U	0.0106 U	0.0106 U
DP-23(11-12)	07/18/19	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U
HA-1(2-2.5)	05/15/19	0.0101 U	0.0101 U	0.0101 U	0.0101 U	0.0101 U	**0.0109**	0.0101 U	0.0101 U	0.0101 U	0.0101 U	0.0101 U	0.0101 U	0.0101 U	0.0101 U	0.0101 U	0.0101 U	0.0101 U	0.0101 U	**0.012**
HA-1(12-12.5)	05/15/19	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U
HA-1(15-15.5)	05/15/19	0.0103 U	0.0103 U	0.0103 U	0.0103 U	0.0103 U	0.0103 U	0.0103 U	0.0103 U	0.0103 U	0.0103 U	0.0103 U	0.0103 U	0.0103 U	0.0103 U	0.0103 U	0.0103 U	0.0103 U	0.0103 U	0.0103 U
HA-2(2-2.5)	05/15/19	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U
HA-8(1.3-1.5)	07/30/19	0.0108 U	**0.0267**	**0.0185**	**0.0696**	**0.116**	**0.146**	**0.0432**	**0.111**	**0.136**	**0.0165**	0.0108 U	**0.183**	**0.0111**	**0.0912**	**0.0920**	**0.138**	**0.108**	**0.170**	**0.231**
HA-10(0.3-0.7)	07/30/19	0.00968 U	**0.0237**	**0.0121**	**0.0637**	**0.127**	**0.166**	**0.0481**	**0.125**	**0.134**	**0.0135**	0.00968 U	**0.228**	0.00968 U	**0.104**	0.00968 U	0.00968 U	**0.0285**	**0.157**	**0.275**
DEQ Generic RBCs[1]																				
Soil Ingestion, Dermal Contact, and Inhalation																				
Occupational		70,000	NE	350,000	21	2.1	21	210	NE	2,100	2.1	NE	30,000	47,000	21	NE	NE	23	NE	23,000
Construction Worker		21,000	NE	110,000	170	17	170	1,700	NE	17,000	17	NE	10,000	14,000	170	NE	NE	580	NE	7,500
Excavation Worker		590,000	NE	>Max	4,800	490	4,900	49,000	NE	490,000	490	NE	280,000	390,000	4,900	NE	NE	16,000	NE	210,000
Volatilization to Outdoor Air																				
Occupational		>Max	NE	>Max	>Csat	NV	NV	NV	NE	NV	NV	NE	NV	>Max	NV	NE	NE	83	NE	>Max
Vapor Intrusion into Buildings																				
Occupational		>Max	NE	>Max	>Csat	NV	NV	NV	NE	NV	NV	NE	NV	>Max	NV	NE	NE	83	NE	>Max
DEQ CFSLs[2]		0.25	120	6.8	0.73	0.11	1.1	11	25	3.1	0.11	0.002	10	3.7	1.1	0.36	11	0.077	5.5	10

Notes:
1. DEQ Generic RBCs dated May 2018
2. DEQ CFSLs dated February 21, 2019
>Csat: This soil RBC exceeds the limit of three-phase equilibrium partitioning. Refer to Appendix D of DEQ's RBDM guidance document for the corresponding value of Csat. Soil concentrations in excess of Csat indicate that free product might be present.
>Max: The constituent RBC for this pathway is calculated as greater than 1,000,000 mg/kg or 1,000,000 mg/L. Therefore, this substance is deemed not to pose risks in this scenario.
NV: chemical is considered non-volatile
U: Not detected. Reporting or detection limit shown.
Bolding indicates analyte detection.
Shading indicates analyte detection at a concentration greater than DEQ CFSLs.

TABLE 5
Summary of Soil Sample Chemical Analytical Results
PCBs
Modera Morrison
1120 SE Morrison Street
Portland, Oregon

Sample I.D. (depth in feet BGS)	Sample Date	PCBs by EPA Method 8082A (mg/kg)													
		Aroclor 1016		Aroclor 1221		Aroclor 1232		Aroclor 1242		Aroclor 1248		Aroclor 1254		Aroclor 1260	
DP-1(0.5-1.5)	05/11/19	0.0117	U	0.0117	U	0.0117	U	0.0117	U	0.0117	U	0.0117	U	0.0117	U
DP-1(11.5-12.5)	05/11/19	0.0111	U	0.0111	U	0.0111	U	0.0111	U	0.0111	U	0.0111	U	0.0111	U
DP-2(1-2)	05/11/19	0.0118	U	0.0118	U	0.0118	U	0.0118	U	0.0118	U	0.0118	U	0.0118	U
DP-2(12-13)	05/11/19	0.0127	U	0.0127	U	0.0127	U	0.0127	U	0.0127	U	0.0127	U	0.0127	U
DP-3(1-2)	05/11/19	0.0119	U	0.0119	U	0.0119	U	0.0119	U	0.0119	U	0.0119	U	0.0119	U
DP-3(12-13)	05/11/19	0.0127	U	0.0127	U	0.0127	U	0.0127	U	0.0127	U	0.0127	U	0.0127	U
DP-4(0.5-1.5)	05/11/19	0.0115	U	0.0115	U	0.0115	U	0.0115	U	0.0115	U	0.0115	U	0.0115	U
DP-4(8-9)	05/11/19	0.0108	U	0.0108	U	0.0108	U	0.0108	U	0.0108	U	0.0108	U	0.0108	U
DP-4(11.5-12.5)	05/11/19	0.0125	U	0.0125	U	0.0125	U	0.0125	U	0.0125	U	0.0125	U	0.0125	U
DP-5(1-2)	05/11/19	0.0112	U	0.0112	U	0.0112	U	0.0112	U	0.0112	U	0.0112	U	0.0112	U
DP-5(8.5-9.5)	05/11/19	0.0117	U	0.0117	U	0.0117	U	0.0117	U	0.0117	U	0.0117	U	0.0117	U
DP-5(13-14)	05/11/19	0.0125	U	0.0125	U	0.0125	U	0.0125	U	0.0125	U	0.0125	U	0.0125	U
DP-6(1-2)	05/11/19	0.0112	U	0.0112	U	0.0112	U	0.0112	U	0.0112	U	0.0112	U	0.0112	U
DP-6(8-9)	05/11/19	0.0127	U	0.0127	U	0.0127	U	0.0127	U	0.0127	U	0.0127	U	0.0127	U
DP-6(12.5-13.5)	05/11/19	0.012	U	0.012	U	0.012	U	0.012	U	0.012	U	0.012	U	0.012	U
DP-7(1-2)	05/11/19	0.011	U	0.011	U	0.011	U	0.011	U	0.011	U	0.011	U	0.011	U
DP-7(6.5-7.5)	05/11/19	0.0101	U	0.0101	U	0.0101	U	0.0101	U	0.0101	U	0.0101	U	0.0101	U
DP-7(11.5-12.5)	05/11/19	0.00955	U	0.00955	U	0.00955	U	0.00955	U	0.00955	U	0.00955	U	0.00955	U
DP-8(1.5-2.5)	05/11/19	0.0118	U	0.0118	U	0.0118	U	0.0118	U	0.0118	U	0.0118	U	0.0118	U
DP-8(8-9)	05/11/19	0.0107	U	0.0107	U	0.0107	U	0.0107	U	0.0107	U	0.0107	U	0.0107	U
DP-8(11.5-12.5)	05/11/19	0.0113	U	0.0113	U	0.0113	U	0.0113	U	0.0113	U	0.0113	U	0.0113	U

TABLE 5
Summary of Soil Sample Chemical Analytical Results
PCBs
Modera Morrison
1120 SE Morrison Street
Portland, Oregon

Sample I.D. (depth in feet BGS)	Sample Date	PCBs by EPA Method 8082A (mg/kg)						
		Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260
DP-9(1-2)	05/11/19	0.0136 U	0.0136 U	0.0136 U	0.0136 U	0.0136 U	0.0136 U	0.0136 U
DP-9(8-9)	05/11/19	0.0121 U	0.0121 U	0.0121 U	0.0121 U	0.0121 U	0.0121 U	0.0121 U
DP-10(2-3)	05/11/19	0.0126 U	0.0126 U	0.0126 U	0.0126 U	0.0126 U	0.0126 U	0.0126 U
DP-10(13-14)	05/11/19	0.0116 U	0.0116 U	0.0116 U	0.0116 U	0.0116 U	0.0116 U	0.0116 U
DP-11(3-4)	05/11/19	0.0112 U	0.0112 U	0.0112 U	0.0112 U	0.0112 U	0.0112 U	0.0112 U
DP-11(10-11)	05/11/19	0.0107 U	0.0107 U	0.0107 U	0.0107 U	0.0107 U	0.0107 U	0.0107 U
DP-11(18-19)	05/11/19	0.0125 U	0.0125 U	0.0125 U	0.0125 U	0.0125 U	0.0125 U	0.0125 U
DP-12(1-2)	05/11/19	0.0132 U	0.0132 U	0.0132 U	0.0132 U	0.0132 U	0.0132 U	0.0132 U
DP-12(12-13)	05/11/19	0.0112 U	0.0112 U	0.0112 U	0.0112 U	0.0112 U	0.0112 U	0.0112 U
DP-12(16-17)	05/11/19	0.0108 U	0.0108 U	0.0108 U	0.0108 U	0.0108 U	0.0108 U	0.0108 U
DP-13(4-5)	05/11/19	0.0123 U	0.0123 U	0.0123 U	0.0123 U	0.0123 U	0.0123 U	0.0123 U
DP-13(9-10)	05/11/19	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U
DP-14(2-3)	05/11/19	0.0131 U	0.0131 U	0.0131 U	0.0131 U	0.0131 U	0.0131 U	0.0131 U
DP-14(11-12)	05/11/19	0.0132 U	0.0132 U	0.0132 U	0.0132 U	0.0132 U	0.0132 U	0.0132 U
DP-15(4-5)	05/11/19	0.0129 U	0.0129 U	0.0129 U	0.0129 U	0.0129 U	0.0129 U	0.0129 U
DP-16(2-3)	05/11/19	0.0127 U	0.0127 U	0.0127 U	0.0127 U	0.0127 U	0.0127 U	0.0127 U
HA-1(2-2.5)	05/15/19	0.0117 U	0.0117 U	0.0117 U	0.0117 U	0.0117 U	0.0117 U	0.0117 U
HA-1(12-12.5)	05/15/19	0.0124 U	0.0124 U	0.0124 U	0.0124 U	0.0124 U	0.0124 U	0.0124 U
HA-1(15-15.5)	05/15/19	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U
HA-2(2-2.5)	05/15/19	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U

TABLE 5
Summary of Soil Sample Chemical Analytical Results
PCBs
Modera Morrison
1120 SE Morrison Street
Portland, Oregon

Sample I.D. (depth in feet BGS)	Sample Date	PCBs by EPA Method 8082A (mg/kg)						
		Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260
HA-8(1.3-1.5)	07/30/19	0.0102 U	0.0102 U	0.0102 U	0.0102 U	0.0102 U	0.0102 U	0.0102 U
HA-10(0.3-0.7)	07/30/19	0.0101 U	0.0101 U	0.0101 U	0.0101 U	0.0101 U	0.0101 U	0.0101 U
DEQ Generic RBCs[1]								
Soil Ingestion, Dermal Contact, and Inhalation								
Occupational		0.59						
Construction Worker		4.9						
Excavation Worker		140						
Volatilization to Outdoor Air								
Occupational		>Csat						
Vapor Intrusion into Buildings								
Occupational		>Csat						
DEQ CFSLs[2]		1.1	0.0048	0.0048	0.041	0.0073	0.041	0.24

Notes:

1. DEQ Generic RBCs dated May 2018
2. DEQ CFSLs dated February 21, 2019

>Csat: This soil RBC exceeds the limit of three-phase equilibrium partitioning. Refer to Appendix D of DEQ's RBDM guidance document for the corresponding value of Csat. Soil concentrations in excess of Csat indicate that free product might be present.

U: Not detected. Reporting or detection limit shown.

TABLE 6
Summary of Soil Gas and Sub-Slab Vapor Sample Chemical Analytical Results
Gasoline-Range Hydrocarbons and VOCs
Modera Morrison
1120 SE Morrison Street
Portland, Oregon

Sample I.D.	Sample Date	Gasoline-Range Hydrocarbons by EPA Method TO-15 (µg/m³)	VOCs by EPA Method TO-15 (µg/m³)												
			Acetone	Allyl Chloride	Benzene	Benzyl Chloride	Bromochloromethane	Bromoform	Bromomethane	1,3-Butadiene	2-Butanone (MEK)	Carbon Disulfide	Carbon Tetrachloride	Chlorobenzene
SG-1(15)	05/11/19	413 U	**38.7**	1.25 U	**4.91**	2.08 U	2.68 U	12.4 U	1.55 U	8.85 U	7.37 U	**3.78**	2.52 U	1.85 U
SG-2(15)	05/11/19	**454**	**60.8**	1.25 U	**8.4**	2.08 U	2.68 U	12.4 U	1.55 U	8.85 U	7.37 U	**3.29**	2.52 U	1.85 U
SV-1	05/11/19	413 U	**104**	1.25 U	1.28 U	2.08 U	2.68 U	12.4 U	1.55 U	8.85 U	7.37 U	1.24 U	2.52 U	1.85 U
DEQ Generic RBCs[1]														
Vapor Intrusion into Buildings														
Occupational		1,700,000	NE	NE	1,600	NE	NE	11,000	22,000	NE	NE	NE	2,000	220,000

TABLE 6
Summary of Soil Gas and Sub-Slab Vapor Sample Chemical Analytical Results
Gasoline-Range Hydrocarbons and VOCs
Modera Morrison
1120 SE Morrison Street
Portland, Oregon

Sample I.D.	Sample Date	VOCs by EPA Method TO-15 (µg/m³)																			
		Chloroethane		Chloroform		Chloromethane	2-Chlorotoluene		Cyclohexane		Chlorodibromomethane (Dibromochloromethane)		1,2-Dibromoethane		1,2-Dichlorobenzene		1,3-Dichlorobenzene		1,4-Dichlorobenzene		Dichlorodifluoromethane	1,1-Dichloroethane		1,2-Dichloroethane	
SG-1(15)	05/11/19	1.06	U	1.95	U	**10.1**	2.06	U	1.38	U	3.4	U	3.08	U	2.4	U	2.4	U	2.4	U	**3.59**	1.59	U	1.62	U
SG-2(15)	05/11/19	1.06	U	1.95	U	**2.79**	2.06	U	**7.24**		3.4	U	3.08	U	2.4	U	2.4	U	2.4	U	**4.22**	1.59	U	1.62	U
SV-1	05/11/19	1.06	U	1.95	U	**1.12**	2.06	U	1.38	U	3.4	U	3.08	U	2.4	U	2.4	U	2.4	U	**2.83**	1.59	U	1.62	U
DEQ Generic RBCs[1]																									
Vapor Intrusion into Buildings																									
Occupational		43,800,000		530		390,000	NE		NE		450		20		880,000		NE		1,100		NE	7,700		470	

TABLE 6
Summary of Soil Gas and Sub-Slab Vapor Sample Chemical Analytical Results
Gasoline-Range Hydrocarbons and VOCs
Modera Morrison
1120 SE Morrison Street
Portland, Oregon

Sample I.D.	Sample Date	VOCs by EPA Method TO-15 (µg/m³)													
		1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	1,2-Dichlorotetrafluoroethane	1,4-Dioxane	Ethanol	Ethylbenzene	4-Ethyltoluene	Heptane	Hexachloro-1,3-butadiene	n-Hexane
SG-1(15)	05/11/19	1.6 U	1.59 U	1.59 U	1.85 U	1.82 U	1.82 U	2.8 U	1.44 U	**33.1**	1.73 U	1.96 U	1.64 U	13.5 U	**2.85**
SG-2(15)	05/11/19	1.6 U	1.59 U	1.59 U	1.85 U	1.82 U	1.82 U	2.8 U	1.44 U	**59**	1.73 U	1.96 U	**5.53**	13.5 U	**26.4**
SV-1	05/11/19	1.6 U	1.59 U	1.59 U	1.85 U	1.82 U	1.82 U	2.8 U	1.44 U	**35.2**	**3.6**	**2.77**	1.64 U	13.5 U	**3.29**
DEQ Generic RBCs[1]															
Vapor Intrusion into Buildings															
Occupational		880,000	>Pv	>Pv	NE	NE	NE	NE	2,500	NE	4,900	NE	NE	NE	NE

TABLE 6
Summary of Soil Gas and Sub-Slab Vapor Sample Chemical Analytical Results
Gasoline-Range Hydrocarbons and VOCs
Modera Morrison
1120 SE Morrison Street
Portland, Oregon

Sample I.D.	Sample Date	VOCs by EPA Method TO-15 (µg/m³)																			
		iso-Propylbenzene		4-Methyl-2-pentanone		MTBE		Methylene Chloride (Dichloromethane)		Methyl Butyl Ketone		Methyl Methacrylate		Naphthalene		2-Propanol		Propene		Styrene		1,1,1,2-Tetrachloroethane		Tetrachloroethane		Tetrahydrofuran		Toluene
SG-1(15)	05/11/19	1.97	U	10.2	U	1.44	U	**5.22**		10.2	U	1.64	U	6.6	U	**9.25**		**46.9**		1.7	U	2.75	U	**16.3**		1.18	U	**5.16**
SG-2(15)	05/11/19	1.97	U	10.2	U	1.44	U	**2.83**		10.2	U	1.64	U	6.6	U	**41.6**		1.38	U	**1.89**		2.75	U	**31.4**		1.18	U	**7.87**
SV-1	05/11/19	1.97	U	10.2	U	1.44	U	**2.38**		10.2	U	1.64	U	6.6	U	**12.5**		1.38	U	1.7	U	2.75	U	**6.27**		**2.73**		**4.72**
DEQ Generic RBCs[1]																												
Vapor Intrusion into Buildings																												
Occupational		1,800,000		NE		47,000		1,200,000		NE		NE		360		NE		NE		4,400,000		NE		NE		NE		21,900,000

TABLE 6
Summary of Soil Gas and Sub-Slab Vapor Sample Chemical Analytical Results
Gasoline-Range Hydrocarbons and VOCs
Modera Morrison
1120 SE Morrison Street
Portland, Oregon

Sample I.D.	Sample Date	VOCs by EPA Method TO-15 (µg/m³)												
		1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	TCE	Trichlorofluoromethane	1,2,4-TMB	1,3,5-TMB	2,2,4-Trimethylpentane	1,1,2-Trichlorotrifluoroethane (Freon 113)	Vinyl Chloride	Vinyl Bromide	Vinyl Acetate	Total Xylenes
SG-1(15)	05/11/19	9.33 U	2.18 U	2.18 U	2.14 U	2.25 U	1.96 U	1.96 U	1.87 U	3.07 U	1.02 U	1.75 U	1.41 U	5.2 U
SG-2(15)	05/11/19	9.33 U	2.18 U	2.18 U	2.14 U	2.25 U	1.96 U	1.96 U	1.87 U	3.07 U	1.02 U	1.75 U	1.41 U	**5.97**
SV-1	05/11/19	9.33 U	2.18 U	2.18 U	2.14 U	2.25 U	**17.6**	**4.99**	1.87 U	3.07 U	1.02 U	1.75 U	1.41 U	**22.9**
DEQ Generic RBCs[1]														
Vapor Intrusion into Buildings														
Occupational		NE	21,900,000	770	2,900	3,100,000	260,000	260,000	NE	131,400,000	2,800	NE	NE	440,000

Notes:
1. DEQ Generic RBCs dated May 2018
>Pv: The air concentration reported for the RBC exceeds the vapor pressure of the pure chemical. It can be assumed that this constituent cannot create an unnacceptable risk by this pathway.
U: Not detected. Reporting or detection limit shown.
Bolding indicates analyte detection.

APPENDIX A

GeoDesign Inc

July 30, 2019

Oregon Department of Environmental Quality
Northwest Region
700 NE Multnomah Street, Suite 600
Portland, OR 97232

Attention: Heather Kuoppamaki

Request for SWPE Determination
Modera Morrison
1120 SE Morrison
Portland, Oregon
GeoDesign Project: MillCreek-19-01-04

On behalf of Mill Creek Residential Trust, GeoDesign is respectfully requesting the Oregon Department of Environmental Quality's (DEQ's) assistance with obtaining a Solid Waste Permit Exemption (SWPE) determination for the Modera Morrison redevelopment project located at 1120 SE Morrison Street in Portland, Oregon (Property). Accompanying this letter are the following documents:

- The SWPE determination application (the SWPE determination application and check for $500 was previously submitted to DEQ by mail)
- The Phase I Environmental Site Assessment (ESA) report dated May 16, 2019.
- The Phase II ESA report dated July 30, 2019

The project redevelopment will include demolition of the existing site structures, excavation for one level of underground parking, and construction of a seven-story apartment building with commercial and retail spaces on the first floor.

In preparation for redevelopment GeoDesign conducted a Phase I ESA and Phase II ESA of the Property. Based on the Phase II ESA chemical analytical soil results, GeoDesign has made a determination that soil located at the Property with the exception of an isolated area at the location of boring DP-4 (where lead was detected at concentrations in shallow soil exceeding the DEQ Clean Fill Screening Level), meets DEQ's definition of "clean fill" and can be managed and disposed of off site for unrestricted use. GeoDesign is currently conducting further investigation of the shallow, lead-impacted area at the location of DP-4. Once the limits of the shallow soil containing elevated concentrations of lead are defined, the results will be summarized in an

addendum to the Phase II ESA report. Further, the proposed management of the lead-contaminated soil during construction will be described in the forthcoming site-specific Soil Water Management Plan.

The project team has requested that GeoDesign obtain DEQ's formal written concurrence with the clean fill determination made for project soil, specifically as it pertains to arsenic and cadmium concentrations present in the soil. Based on a previous conversation with you, we understand that applying for an SWPE determination from DEQ is the most efficient way to achieve this objective.

♦ ♦ ♦

We appreciate your assistance with this project. Please call if you have questions concerning the information provided.

Sincerely,

GeoDesign, Inc.

Kyle R. Sattler, L.G. (Washington)
Senior Project Manager

Jason O'Donnell, R.G.
Principal Geologist

cc: Cassidy Bolger, Mill Creek Residential Trust (via email only)

JSO:kt
Attachments
One copy submitted (via email only)
Document ID: MillCreek-19-01-04-073019-envl.docx
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ATTACHMENT A

Application for Solid Waste Permit Exemption Determination

State of Oregon Department of Environmental Quality

Oregon Department of Environmental Quality

Project: Modera Morrison
1120 SE Morrison
Portland, Oregon

DEQ BUSINESS OFFICE USE ONLY

Date Rec'd: _____

Amount Rec'd: _____

Check No.: _____

Deposit No.: _____

Forward confirmation of fee payment to:

- Eastern Region: DEQ-The Dalles
- Northwestern Region: DEQ-NWR
- Western Region: DEQ-Eugene

Under OAR 340-93-080(2), DEQ may exempt from permit persons seeking to dispose of certain inorganic solid waste (e.g.: foundry sand, glass) in specified locations provided the applicant can demonstrate that the waste is substantially the same as "clean fill" exempted by OAR 340-93-050(3)(c). Each exemption is unique to the given waste and disposal location. A new exemption must be obtained any time the waste or the disposal location changes. A change in waste may be caused by a change in process, raw materials, waste management, etc. DEQ considers disposal without notification of a change in waste or disposal location to constitute the disposal of solid waste without a permit, a Class I violation.

THIS APPLICATION IS NOT COMPLETE UNLESS ALL ITEMS HAVE BEEN ADDRESSED.

A. REFERENCE INFORMATION *Attach additional sheets if needed. Please type or print clearly.*

1. APPLICANT INFORMATION

Name	Cassidy Bolger c/o Jason O'Donnell (GeoDesign, Inc 503-726-3123)
Company name	Mill Creek Residential Trust
Address	220 NW 2nd Avenue, Suite 900
City, State, Zip	Portland, Oregon, 97209
Telephone	503-928-3952
Email	cbolger@mcrtrust.com

2. DISPOSAL SITE PROPERTY OWNER INFORMATION

Name	Not Applicable
Mailing address	
City, State, Zip	
Telephone or email	

3. DISPOSAL SITE INFORMATION

Street address	Not Applicable
City, State, Zip	
County	
Latitude and longitude	
Tax lot number(s)	
Mailing address	
City, State, Zip	

B. SIGNATURE: I hereby certify by my signature below that the information contained in this application and the documents I have attached, are true and correct to the best of my knowledge and belief.

Signature: Jason O'Donnell	Date: 07/25/2019
Print name: Jason O'Donnell	Title: Principal Geologist

Note: The application must be signed by the applicant or by a duly authorized agent, employee, officer, or representative of the applicant. When another person signs on behalf of the applicant, his/her title or relationship to the applicant should be shown. In all cases, the person signing the form should be authorized to do so by the applicant. An application submitted for a corporation must be signed by (or the signatory must be authorized by)

a principal executive officer of at least the level of vice president; or for a partnership or sole proprietorship, by a general partner or the proprietor, respectively. In the case of a municipal, state, federal, or other public facility, the application shall be signed by either a principal operating officer or ranking elected official.

C. ATTACH TO THIS PERMIT EXEMPTION APPLICATION

To complete your exemption application attach the following if required for your application: (Note: If you have questions regarding requirements, please check with the regional permit coordinator).

NA 1. A STATEMENT OF APPROVAL from the property owner or person with long-term control of the property, if other than applicant.

NA 2. A DISPOSAL LOCATION MAP AND DESCRIPTION of the surrounding area. Include proximity to streams, waterways, flood plains, wells, springs, etc., and land use features such as housing developments, schools, parks, and playgrounds. Note: Disposal site must not be located in a residential area or a sensitive hydrogeologic environment.

NA If the disposal location has a NPDES Storm Water Discharge Permit or an Underground Injection Control Permit, the applicant must demonstrate that the disposal will not cause the conditions of the permit to be violated.

NA How the waste will be disposed, and whether it will be "encapsulated" or "non-encapsulated" disposal. Examples of encapsulated uses are for building, road and parking lot sub base where the waste will be covered by concrete or asphalt, or as an additive to cement or asphalt.

☑ A description of the process generating the waste and how that process integrates into the generator's operations.

☑ Documentation that the waste is not hazardous as defined in OAR Chapter 340, Division 101. The procedure for making a hazardous waste determination is found in OAR 340-102-011.

☑ A demonstration that the waste is inorganic, stable, and physically similar to soil, rock, concrete, brick, building block or tile.

Documentation provided electronically with approval by Heather Kuoppamaki

Such demonstration may be made as follows:

- Obtain three representative samples of the waste and provide a discussion of the QA/QC procedures used to obtain the samples. In the event there are significant differences in the results of the analyses, the waste must be sampled further to resolve the discrepancy and all analyses submitted. Note: It is recommended that the samples be composites of statistically selected individuals.

- Select any contaminants of concern that may be in the waste. Provide a rationale for omitting any contaminants indicated in a MSDS. DEQ may require the addition of other contaminants to those selected by the applicant.

- Analyze the extract for the selected contaminants using the methods in EPA Document SW-846 ("totals," not leaching tests, or "TCLP"). If other analysis methods are used, provide a rationale for their selection. Note: In the event the selected analytical method detects other compounds, report all the detected compounds.

- Compare the concentrations of the analyzed contaminants to the DEQ risk-based screening tables, EPA risk-based screening levels (if the contaminant is not present on DEQ's table), and DEQ ecological screening levels.

☐ Other information as may be appropriate or requested by DEQ (e.g., ash, TPH, oil/grease).

☑ Processing fee of $500 payable to Department of Environmental Quality (OAR 340-97-120(2)(e)).

D. APPLICATION PROCEDURE

Step 1
Contact a DEQ staff person in the region of the disposal site for assistance with the preparation of the application. DEQ staff will help with determination of the eligibility for a permit exemption of a particular waste or disposal site. Consult the chart below for help with initial DEQ contacts.

Step 2
Mail the original signed application, all attachments, including the fee payment, and one extra copy of the application materials to the appropriate regional office as shown below. Note that DEQ review work will not begin until a complete application packet is received. Incomplete applications may be returned. DEQ recommends the applicant keep a full copy of all application materials to guard against possible loss in transit.

Step 3
DEQ will contact the applicant, acknowledging receipt of the application and will identify the staff person assigned to carry out the review. This staff person will contact the applicant if any additional information is needed.

FEES – MUST ACCOMPANY THIS APPLICATION

Permit Fees: http://www.oregon.gov/deq/mm/swpermits/Pages/Fees.aspx

Make checks payable to Oregon DEQ.

Please mail the original application and one copy of the completed packet to the appropriate regional office. Note that action will not begin on an application until a complete application packet is received. Incomplete applications may be returned. DEQ recommends retaining a copy of all application materials to guard against loss in transit.

If your facility/project is in this county...	**...then send to this DEQ office**
Baker, Crook, Deschutes, Gilliam, Grant, Harney, Hood River, Jefferson, Klamath, Lake, Malheur, Morrow, Sherman, Umatilla (including Milton- Freewater), Union, Wallowa, Wasco, Wheeler	Eastern Region Materials Management Program 400 E Scenic Drive, Suite 307 The Dalles, OR 97058 Phone: 541-298-7255 ext. 221
Clackamas, Clatsop, Columbia, Multnomah, Tillamook, Washington	Northwest Region Environmental Partnerships 700 NE Multnomah St., Suite 600 Portland, OR 97232 Phone: 503-229-5353 or DEQNWR.SolidWastePermitCoordinator@deq.state.or.us
Benton, Coos, Curry, Douglas, Jackson, Josephine, Lane, Lincoln, Linn, Marion, Polk, Yamhill	Western Region Materials Management Program 165 E Seventh Ave., Suite 100 Eugene, OR 97401 Phone: 541-687-7465

ATTACHMENT B

GeoDesign Inc

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Modera Morrison
1120 SE Morrison Street
Portland, Oregon

For
Mill Creek Residential Trust
May 16, 2019

GeoDesign Project: MillCreek-19-01-01

Report Viability Date: September 8, 2019

GeoDesign Inc

May 16, 2019

Mill Creek Residential Trust
220 NW 2nd Avenue, Suite 900
Portland, OR 97209

Attention: Sam Rodriguez

Phase I Environmental Site Assessment
Modera Morrison
1120 SE Morrison Street
Portland, Oregon
GeoDesign Project: MillCreek-19-01-01

GeoDesign, Inc. is pleased to submit this Phase I ESA of the Modera Morrison property located at 1120 SE Morrison Street in Portland, Oregon. Our services were performed in conformance with the standards and practices for all appropriate inquiries specified in Title 40, Chapter I of CFR Part 312 and ASTM E1527-13. Contractual terms for our services are contained in our proposal dated March 7, 2019.

We appreciate the opportunity to be of service to Mill Creek Residential Trust. Please contact us if you have questions regarding this report.

Sincerely,

GeoDesign, Inc.

Jason O'Donnell, R.G.
Principal Geologist

cc: Cassidy Bolder, Mill Creek Residential Trust (via email only)

KJK:KRS:JSO:kt
Attachments
One copy submitted (via email only)
Document ID: MillCreek-19-01-01-051619-envr.docx
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EXECUTIVE SUMMARY

GeoDesign performed a Phase I ESA of the Modera Morrison property located at 1120 SE Morrison Street in Portland, Oregon (project site). The Phase I ESA was conducted in conformance with the standards and practices for all appropriate inquiries specified in Title 40, Chapter I of CFR Part 312 and ASTM E1527-13. Contractual terms for our services are contained in our proposal to Mill Creek Residential Trust dated March 7, 2019. Any exceptions to or deletions from this practice are described in Sections 3.0 and 13.0. Please note that this section provides a summary of the findings of the Phase I ESA and some details were not included or fully developed. Therefore, this report must be read in its entirety for a more complete understanding of the findings, conclusions, and recommendations contained herein.

Acronyms and abbreviations used herein are defined immediately following the Table of Contents.

PROJECT SITE AND VICINITY DESCRIPTION

Size	0.86 acre
Tax Lot	5100
Tax Map	Multnomah County – 1S1E02BA
Current Use	office and warehouse space
Significant Features	19,593-square-foot commercial building and paved parking lot
Vicinity Use	commercial

ENVIRONMENTAL RECORDS REVIEW

Federal, tribal, state, and local environmental records and databases were compiled for the project site and facilities that currently or previously have occupied properties within the specified search distance from the project site. Information contained in the records and databases was reviewed by GeoDesign to evaluate the potential for environmental impacts to the project site.

Project Site

Based on our review of the EDR Radius Map Report, the project site (listed as Bernstein Brothers and AJP) was listed on the DEQ LUST, DEQ RGA LUST, and DEQ UST databases and the EPA FINDS database. The DEQ UST database includes a listing of facilities with registered USTs. The DEQ LUST database contains listings of sites with reported leaking UST incidents. The DEQ RGA LUST database contains a list of leaking UST incidents derived from historical databases and includes many records that no longer appear in current government lists. The EPA FINDS database is an inventory or reference list and does not imply a release or REC at the project site.

According to information obtained from the EDR Radius Map Report and GeoDesign's DEQ file review, the following two LUST file numbers pertain to the project site: 26-16-1462 and 26-91-0267. In addition, the project site was listed on the DEQ UST database as UST Facility I.D. 6680. Pertinent information regarding each LUST and UST file is summarized below.

LUST File No. 26-91-0267

DEQ established LUST File No. 26-91-0267 in 1991 after soil contamination was encountered during decommissioning of two 1,000-gallon gasoline USTs located in the northwestern portion of the project site. Approximately 100 cubic yards of gasoline contaminated soil were removed from the excavation and treated on site. The final off-site disposal location of the treated soil was not documented. Petroleum hydrocarbons were not detected above laboratory reporting limits in confirmation soil samples collected from the limits of the excavation. DEQ issued an NFA determination for LUST File No. 26-91-0267 in 1996. Based on the information contained in the EDR Radius Map Report and the DEQ files, it is our professional opinion that LUST File No. 26-91-0267 represents an HREC in connection with the project site.

LUST File No. 26-16-1462

DEQ established LUST File No. 26-16-1462 after soil contamination was encountered in 2016 when ROW construction activities damaged a heating oil UST located beneath the sidewalk adjacent to the southwest corner of the project site. The UST was decommissioned by removal and approximately 27.28 tons of contaminated soil were excavated from the vicinity of the former heating oil UST. Diesel-range hydrocarbons were detected in the soil samples collected from the limits of the excavation that were submitted for chemical analysis at a maximum concentration of 10,900 mg/kg at 9 feet BGS. This concentration exceeds the DEQ *Soil Ingestion, Dermal Contact, and Inhalation* RBCs for residential and urban residential receptors. Additional soil sampling via soil borings was conducted by K&S Environmental, Inc. (K&S) in 2017. The maximum detected concentration of diesel-range hydrocarbons was 1,980 mg/kg at 13 feet BGS. This concentration exceeds the DEQ *Soil Ingestion, Dermal Contact, and Inhalation* RBCs for residential receptors. Following the additional investigation by K&S, DEQ closed File No. 26-16-1462 in June 2017.

Based on the information contained in the EDR Radius Map Report and the DEQ files, it is our professional opinion that while the 2017 K&S investigation results regarding LUST File No. 26-16-1462 indicate remaining soil contamination concentrations representative of a CREC, the elevated concentration of diesel contamination detected in soil during the 2016 NRC investigation represents a REC in connection with the project site.

UST Facility I.D. 6680

UST Facility I.D. 6680 is listed as having three decommissioned USTs. According to information reviewed during GeoDesign's DEQ file review, two gasoline USTs were decommissioned by removal in 1991 and one UST was decommissioned in place in 1988. Detailed documentation regarding the former contents and location of the decommissioned in-place UST and soil sampling records were not available or provided. Based on the information contained in the DEQ files, the decommissioned in-place UST on the project site represents a REC at the project site.

City of Portland Fire Bureau UST Records

GeoDesign searched City of Portland Fire Bureau UST records on April 26, 2019 and the following permits associated with the project site were reviewed:

- Permit No. 43807, dated October 16, 1948, notes the installation of a UST in the "yard" located at 807 SE 12th Avenue.
- Permit No. 23458, dated May 11, 1946, notes the installation of an integral AST located at 821 SE 21st Avenue. The AST fueled the oil burner for an oil stove.

Based on historical permits obtained from the City of Portland Fire Bureau, one heating oil UST and one heating oil AST were historically located on the project site. The potential for subsurface impacts associated with the historical heating oil tanks on the project site represents a REC at the project site.

Surrounding Sites

The EDR Radius Map Report identified 434 surrounding sites listed on one or more regulatory databases within the ASTM search distances. Based on local topography, the inferred direction of shallow groundwater flow, the regulatory status of the listed sites, the media impacted at the listed sites, and information contained in the regulatory databases, it is our professional opinion that 1 of the 434 surrounding sites poses a risk of a REC at the project site. This site (the Piacentini Property) is briefly discussed below.

The Piacentini Property is located at 1206 SE Belmont Street in Portland, approximately 130 feet southeast of the project site and upgradient of the project site relative to the inferred groundwater flow direction. The Piacentini Property was listed on the DEQ LUST database (LUST File No. 26-16-0816) after soil and groundwater contamination was encountered during a site assessment in 2016. Two areas of contamination were identified on the property: (1) the northern area in the vicinity of two 600-gallon USTs and one 300-gallon UST and (2) the southern area in the vicinity of one 600-gallon UST and a hydraulic hoist.

Several environmental investigations have been conducted at the Piacentini Property, including soil (2016 and 2017), groundwater (2016 and 2017), and soil gas (2017) sampling.

- Up to 13,500 mg/kg of gasoline-range hydrocarbons remain in place in the soil in the northern area.
- Up to 17,300 mg/kg of diesel-range hydrocarbons and up to 2,850 mg/kg of oil-range hydrocarbons remain in place in the soil in the southern area.
- Up to 3,810 mg/kg of gasoline-range hydrocarbons and 341 mg/kg of diesel-range hydrocarbons were detected in a soil sample collected from one boring advanced to 11 feet BGS in SE Belmont Street.
- Numerous VOCs were also detected in the soil at concentrations ranging from 4.11 to 209 mg/kg.
- Up to 3,650,000 µg/m^3 of gasoline-range hydrocarbons and up to 95.1 µg/m^3 of benzene were detected in soil gas samples.
- Low levels of VOCs (including ethylbenzene, total xylenes, PCE, 1,2,4-TMB, and 1,3,5-TMB) and PAHs (including naphthalene) were detected in groundwater at concentrations below applicable DEQ RBCs.

DEQ stated that based on information from a nearby site, the PCE detected in the groundwater samples may be from multiple releases in the area. The detected concentrations of gasoline-

range hydrocarbons and benzene exceed the DEQ *Vapor Intrusion into Buildings* RBCs for residential, urban residential, and occupational receptors and the DEQ *Vapor Intrusion into Buildings* RBC for residential receptors, respectively. Two additional soil gas samples were subsequently collected to determine the magnitude of benzene impacts. Benzene was detected in both samples at concentrations greater than applicable RBCs.

DEQ issued a memorandum in September 2018 recommending a conditional NFA determination for the Piacentini Property contingent upon the development of a Contaminated Media Management Plan and the restriction of residential, urban residential, and occupational use of the property unless the owner conducts further evaluation to demonstrate there is no unacceptable risk for vapor intrusion into future structures developed on the property. The LUST file associated with the Piacentini Property is currently active.

Based on the inferred direction of groundwater flow, the media impacted at the Piacentini Property, and information contained in the regulatory database, it is our professional opinion that the Piacentini Property represents a REC at the project site.

HISTORICAL USES – PROJECT SITE AND ADJOINING PROPERTIES

Our review of historical sources from 1889 through 2019 indicated that the project site was vacant land until sometime prior to 1901. By 1901 a residence was constructed on the southeastern portion of the project site. By 1909 additional residences and a telephone office had been constructed. By 1924 a pie bakery was constructed on the southwestern portion of the project site. By 1969 the residences were demolished and a parking lot was constructed. By 2005 the project site was occupied by AJP Northwest and A&S Marketing. The project site has remained relatively unchanged since that time. The project site currently consists of office space and a warehouse for the storage and sale of paper products, janitorial supplies, and tobacco products.

Our review of historical sources from 1889 through 2019 indicated the adjoining properties were vacant or residential land by 1889. By 1901 St. David's Episcopal Church was constructed east of the project site. By 1909 Yale Laundry and a wagon stable were constructed west of the project site. By 1924 the wagon stable was demolished and a machine shop and a print shop were constructed. By 1935 the property southwest of the project site was developed with a warehouse-type structure and occupied by Gardner and Ranchers and fuel stations were constructed east and southeast of the project site. By 1950 commercial development increased on adjacent properties, including a gas station and a dry ice factory, north of the project site and a Multnomah County Road Department facility, including a motorcycle sales and service shop, a motorcycle repair shop, a radio shop, and a wash rack, west of the project site. Sometime after 1950 Yale Laundry vacated the building west of the project site. By 1960 St. David's Episcopal Church was demolished and an auto sales lot was constructed. By 1960 the property south of the project site was developed with a commercial structure. By 1969 a fuel station was constructed northeast of the project site. By 1994 the fuel station southeast of the project site was demolished. By 2005 the building located southwest of the project site was demolished. From 2012 through the present mixed-use development has increased on properties south and southwest of the project site. The adjoining properties to the north, west, and east of the project site have remained relatively unchanged since 2005.

Based on our review of historical sources, the property located southeast of the intersection of SE Belmont Street and SE 12th Avenue (the Piacentini Property), approximately 130 feet southeast of the project site and upgradient of the project site relative to the inferred groundwater flow direction, historically operated as a fuel station. Numerous investigations have identified soil, soil gas, and groundwater contamination on this property. Based on the inferred direction of groundwater flow, the media impacted at the Piacentini Property, and information contained in the regulatory database, it is our professional opinion that the Piacentini Property represents a REC at the project site.

SITE RECONNAISSANCE

During the site reconnaissance, two floor drains were observed (one in the office basement and one in the warehouse bathroom). Various containers of paint, cleaning chemicals, and anti-freeze coolant were also observed. Evidence of a release was not observed. Evidence of two USTs was observed in the sidewalk along SE Belmont Street adjacent to the south of the project site, and evidence of one UST was observed in the parking lot on the eastern portion of the project site. Based on the site reconnaissance, the potential presence of three USTs located on and adjacent to the project site represents a REC at the project site.

CONCLUSIONS AND RECOMMENDATIONS

GeoDesign performed a Phase I ESA in conformance with the scope and limitations of ASTM E1527-13, all appropriate inquiries specified in 40 CFR Part 312, and the proposal to Mill Creek Residential Trust dated March 7, 2019 for the project site located at 1120 SE Morrison Street in Portland, Oregon. Any exceptions to or deletions from this practice are described in Sections 3.0 and 13.0. In our opinion, this assessment has revealed the following RECs in connection with the project site:

- Residual soil contamination associated with the former heating oil UST located in the sidewalk adjacent to the southwestern portion of the project site (LUST File No. 26-16-1462) represents a REC at the project site.
- LUST File No. 26-91-0267 associated with the former gasoline USTs located on the northwestern portion of the project site represents an HREC at the project site.
- The historical presence of a decommissioned in-place UST on the project site represents a REC at the project site.
- Historical records of one heating oil UST and one heating oil AST located on the project site represent a REC in connection with the project site.
- Evidence of two USTs located in the sidewalk along SE Belmont Street adjacent to the south of the project site and one UST located in the parking lot on the eastern portion of the project site represents a REC at the project site.
- Contaminated groundwater beneath the Piacentini Property, located approximately 130 feet upgradient of the project site relative to the groundwater flow direction, represents a REC at the project site.

In addition to the RECs described above, the following environmental concerns were identified at the project site:

- A suspect circular feature was observed in the east-central portion of the project site parking lot. With the exception of interview information, evidence that the two catch basins located on site discharge to the City of Portland combined sewer system was not obtained during this assessment. Although unlikely, it is possible that the catch basins discharge to on-site drywells. We recommend that the suspect circular feature and possible presence of on-site drywells be further evaluated using geophysical survey methods.
- Based on our review of environmental information for surrounding sites, it is possible that groundwater beneath the project site has been contaminated from multiple off-site sources.
- The presence of chemicals and hazardous substances stored in small-quantity containers at the project site does not represent a REC at the project site. The materials observed appeared to be properly stored and evidence of major leaks or spills was not observed in the vicinity of these containers. However, these stored substances should be removed from the project site and properly disposed of prior to redevelopment of the project site.
- This scope of services did not include the completion of surveys for lead-based paint, asbestos-containing materials, or other hazardous building materials in the project site structure. Prior to site demolition, the project site structure should be surveyed for hazardous building materials. If hazardous building materials are present in the project site structure, they should be removed and disposed of in accordance with federal, state, and local regulations prior to site demolition.

Based on the results of this Phase I ESA, GeoDesign recommends conducting a Phase II ESA at the project site to evaluate the current extent and magnitude of the soil contamination associated with the USTs formerly located on the project site. The analytical results from the Phase II ESA will be compared to current applicable DEQ RBCs to evaluate risk to human health. The Phase II ESA will also include a clean fill evaluation to evaluate the quantity of soil that may need to be disposed of as solid waste if exported during future redevelopment. In addition, the Phase II ESA will include a geophysical survey to attempt to locate the decommissioned in-place UST as well as evaluate the potential presence of undocumented USTs located on the project site.

After completion of the Phase II ESA, GeoDesign recommends preparing a Soil Management Plan for the management of known and potentially undocumented impacted soil at the project site. The site-specific Soil Management Plan will provide guidance to future earthwork contractors on the proper identification, management, handling, and disposal of contaminated soil that may be encountered during site redevelopment.

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Appendix C	Regulatory Database Information
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	Owner Questionnaire

ACRONYMS AND ABBREVIATIONS

AST	aboveground storage tank
ASTM	American Society for Testing and Materials
BGS	below ground surface
BTEX	benzene, toluene, ethylbenzene, and xylenes
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFR	Code of Federal Regulations
CREC	controlled recognized environmental condition
DEQ	Oregon Department of Environmental Quality
ECSI	Environmental Cleanup Site Information
EDR	Environmental Data Resources, Inc.
EPA	U.S. Environmental Protection Agency
ESA	Environmental Site Assessment
FINDS	Facilities Index System/Facility Registry System
HREC	historical recognized environmental condition
I.D.	identification
LUST	Leaking Underground Storage Tank
mg/kg	milligrams per kilogram
mg/L	milligrams per liter
MSL	mean sea level
NFA	No Further Action
ORS	Oregon Revised Statute
PAH	polycyclic aromatic hydrocarbon
PBOT	Portland Bureau of Transportation
PCB	polychlorinated biphenyl
PCE	tetrachloroethene
ppm	parts per million
RBC	risk-based concentration
REC	recognized environmental condition
RGA LUST	Recovered Government Archive Leaking Underground Storage Tank
ROW	right-of-way
TMB	trimethylbenzene
$\mu g/m^3$	micrograms per cubic meter
USGS	U.S. Geological Survey
UST	underground storage tank
VOC	volatile organic compound

1.0 INTRODUCTION

This report summarizes the results of a Phase I ESA of the Modera Morrison property located at 1120 SE Morrison Street in Portland, Oregon (project site). The project site includes Tax Lot 5100 of Multnomah County Tax Map 1S1E02BA, consists of 0.86 acre, and is currently occupied by a 19,593-square-foot commercial structure and an asphalt-paved parking lot. The project site is shown relative to surrounding physical features on Figure 1. The project site layout and surrounding properties are shown on Figure 2. GeoDesign's firm profile and resumes of project personnel are presented in Appendix A. Acronyms and abbreviations used herein are defined above, immediately following the Table of Contents.

Phase I ESAs have a limited viability as specified in Section 4.6 "Continued Viability of the Site Assessment" of ASTM E1527-13. According to ASTM E1527-13, a Phase I ESA is valid for a period of 180 days. The Phase I ESA viability can be extended by 180 days by updating the assessment within one year of the initial assessment. If more than one year passes, a new Phase I ESA will need to be completed in order to qualify for Landowner Liability Protections under CERCLA. **On the basis of the data collection dates, this Phase I ESA report is considered valid through September 8, 2019.**

2.0 PURPOSE

2.1 PROTECTION FROM CERCLA LIABILITY

One purpose for conducting a Phase I ESA is to undertake all appropriate inquiries into prior ownership and uses of a property so that a prospective purchaser may potentially claim protection from CERCLA and/or state liability as an innocent landowner, a bona fide prospective purchaser, or a contiguous property owner. The standards and practices for all appropriate inquiries are specified in Title 40, Chapter I of CFR Part 312 and ORS 465. The inquiry must be conducted by an environmental professional to identify conditions indicative of releases and threatened releases of hazardous substances as defined in CERCLA Section 101(22). If the prospective purchaser is the recipient of an EPA Brownfields grant, the inquiry must also identify conditions indicative of releases and threatened releases of petroleum and petroleum products and controlled substances as defined in 21 U.S. Code 802. These standards and practices do not require the identification of quantities of hazardous substances, petroleum and petroleum products, and controlled substances that, because of said quantity, generally would not pose a threat to human health or the environment.

2.2 IDENTIFICATION OF RECOGNIZED ENVIRONMENTAL CONDITIONS

Another purpose for conducting a Phase I ESA is to identify RECs in connection with a property as they pertain to ASTM E1527-13. This practice is intended for use by parties who wish to assess the environmental condition of a property by taking into account commonly known and reasonably ascertainable information. Although conformance with ASTM E1527-13 constitutes all appropriate inquiry as described in Section 2.1, the standard is intended primarily as an approach to identify RECs in connection with a property. A REC is defined by the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment, (2) under conditions indicative of a release to the environment, or (3) under conditions that pose a material threat of a future release to the

environment. RECs do not include de minimis conditions that do not generally present a risk to public health or the environment and would not be the subject of legal enforcement if brought to the attention of appropriate governmental agencies.

A CREC is defined by ASTM E1527-13 as a REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls. Examples of required controls include property use restrictions, activity and use limitations, institutional controls, and engineering controls. A condition considered by the environmental professional to be a CREC is considered a REC.

An HREC is defined by ASTM E1527-13 as a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls such as property use restrictions, activity and use limitations, institutional controls, and engineering controls. An HREC is not considered a REC. Before calling the past release an HREC, the environmental professional must determine whether the past release is a REC at the time the Phase I ESA is conducted (for example, if there has been a change in regulatory criteria). If the environmental professional considers the past release to be a REC, such as not meeting regulatory standards for unrestricted use in place at the time the Phase I ESA is conducted, the condition shall be considered a REC.

3.0 SCOPE OF SERVICES

The scope of services performed for this project was conducted in conformance with the standards and practices for all appropriate inquiries specified in 40 CFR Part 312 and the scope and limitations of ASTM E1527-13. The specific scope of services performed included the following:

- Reviewed a current USGS topographic map to identify the physical setting of the project site.
- Reviewed federal, tribal, state, and local environmental records for listings of known or suspected environmental conditions at the project site or nearby properties as specified in 40 CFR Part 312 and ASTM E1527-13.
- Reviewed reasonably ascertainable standard historical sources, including aerial photographs, USGS topographic maps, reverse city directories, fire insurance maps, online property information (including available building department records, property tax information, and zoning/land use records), and other historical sources as appropriate, to identify development history on and adjacent to the project site relative to the possible use, generation, storage, release, or disposal of hazardous substances.
- Conducted a DEQ file review regarding known environmental record listings of known environmental conditions at the project site.
- Interviewed the current owner of the project site and state and local government officials regarding their knowledge of the project site.

- Conducted a visual reconnaissance of the project site and adjacent properties to obtain information indicating the likelihood of identifying RECs concerning the properties.
- Prepared this report that presents our findings and provides conclusions and recommendations.

The scope of services was limited to only the items listed above. This project did not include completion of an environmental compliance audit; an evaluation for the presence of PCBs in light ballasts; a survey for asbestos, lead-based paint, radon gas, toxic mold, biological pollutants, or urea-formaldehyde insulation; or a wetlands determination or delineation.

4.0 PROJECT SITE AND VICINITY DESCRIPTION

Information concerning the physical setting of the project site and vicinity is based on a review of the USGS 7.5-minute Portland, Oregon, topographic quadrangle map; information provided by EDR of Shelton, Connecticut; and observations made during a site reconnaissance conducted on March 20, 2019 and April 26, 2019

The project site encompasses 0.86 acre at 1120 SE Morrison Street in Portland, Oregon. The project site is currently owned by Campf Properties Limited Partnership and developed with a 19,593-square-foot commercial structure and an asphalt-paved parking lot. The project site is currently occupied by A&S Marketing and AJP Northwest and consists of office space and a warehouse for the storage and sale of paper products, janitorial supplies, and tobacco products. The project site includes Tax Lot 5100 in the northeast quarter of the northwest quarter of Section 2, Township 1 South, Range 1 East of the Willamette Meridian.

The project site is situated at an elevation of approximately 70 feet above MSL. The topography of the project site slopes slightly downward to the west. Based on a review of previous reports and topographic maps for the area, shallow groundwater beneath the project site is expected to be present at a depth of 30 to 40 feet BGS and is anticipated to flow to the west towards the Willamette River.

Land use in the vicinity of the project site is primarily commercial. According to the City of Portland Planning Department, the project site is zoned Central Employment (EX). Properties surrounding the project site are zoned Central Employment (EX) and Commercial Mixed Use 2 (CM2).

5.0 USER-PROVIDED INFORMATION

The purpose of this section is to describe information provided by the user of this report (Mill Creek Residential Trust) that was considered in the evaluation of potential RECs in connection with the project site.

The user was provided with a Phase I ESA User Questionnaire and was asked to provide the following information as described in ASTM E1527-13, Section 6. The user questionnaire information was provided by Cassidy Bolger of Mill Creek Residential Trust. The completed Phase I ESA User Questionnaire is presented in Appendix B.

5.1 USER QUESTIONNAIRE RESPONSES

Is the user aware of any environmental cleanup liens against the project site that are filed or recorded under federal, tribal, state, or local law?	No
Is the user aware of any Activity and Use Limitations, such as engineering controls, land use restrictions, or institutional controls that are in place at the project site and/or have been filed or recorded in a registry under federal, tribal, state, or local law?	No
Does the user have any specialized knowledge or experience related to the project site or nearby properties?	No
Based on the user's knowledge and experience related to the project site, are there any obvious indicators that point to the presence or likely presence of contamination at the project site?	No
Does the user know the past uses of the project site?	No
Does the user know of spills or other chemical releases that have taken place at the project site?	No
Does the user know of specific chemicals that are present or once were present at the project site?	No
Does the user know of any environmental cleanups that have taken place at the project site?	No

6.0 PREVIOUS DOCUMENTS

GeoDesign reviewed previous environmental documents regarding the project site. The findings and conclusions of the following documents are summarized in the following sections:

- Letter *Re: Tank Removal – AJP, Facility #6680*, prepared by O'Sullivan Construction, Inc., dated July 29, 1991
- Letter *Re: AJP Tank Removal and Contamination*, prepared by O'Sullivan Construction, Inc., dated April 30, 1992
- Letter *Re: Heating Oil Underground Storage Tank Decommissioning; 1120 SE Morrison Street, Portland, Oregon 97214; Trackit Number 1090867, NRC Job Number 108524,* prepared by NRC, dated December 20, 2016
- Letter *Re: UST Decommissioning and Risk-Based Cleanup for H/O UST; Property Located at 1120 SE Morrison Street, Portland, OR; DEQ File No. 26-16-1462,* prepared by K&S Environmental, Inc. (K&S), dated April 17, 2017

6.1 O'SULLIVAN CONSTRUCTION, INC. (1991)

In 1991 O'Sullivan Construction, Inc. decommissioned two 1,000-gallon gasoline USTs on the northwestern portion of the project site. Approximately 100 cubic yards of contaminated soil were excavated and stored on site. Petroleum hydrocarbons were not detected above laboratory reporting limits in confirmation soil samples collected from the limits of the excavation. O'Sullivan Construction, Inc. indicated that the contaminated soil would be treated on site before being taken off site for disposal. DEQ assigned LUST File No. 26-91-0267 to the incident in 1991.

6.2 O'SULLIVAN CONSTRUCTION, INC. (1992)

In their 1992 letter, O'Sullivan Construction, Inc. indicated that the contaminated soil from the release associated with the two 1,000-gallon gasoline USTs (LUST File No. 26-91-0267) was moved behind the project site structure on SE 11th Avenue and SE Morrison Street and spread in a 6-inch layer and covered with Visqueen and surrounded by hay bales. The soil was left undisturbed for three months and later sampled and tested for gasoline-range hydrocarbons. Gasoline-range hydrocarbons were not detected above laboratory reporting limits. The final off-site disposition of the treated soil was not documented. DEQ issued an NFA determination for LUST File No. 26-91-0267 in October 1996.

6.3 NRC (2016)

In November 2016 a 1,000-gallon heating oil UST was discovered beneath the sidewalk adjacent to the southwest corner of the project site during ROW construction activities. The UST was damaged by excavation equipment and approximately 20 gallons of heating oil were released to the subsurface. The UST was subsequently decommissioned by removal. Field evidence of petroleum impacts was observed in the limits of the excavation. Approximately 27.28 tons of contaminated soil were excavated from the vicinity of the former heating oil UST and transported to Waste Management's Hillsboro landfill. Soil samples were collected from the limits of the excavation and analyzed for diesel- and oil-range petroleum hydrocarbons. Oil-range hydrocarbons were not detected above laboratory reporting limits in the soil samples submitted for chemical analysis. Diesel-range hydrocarbons were detected in the soil samples submitted for chemical analysis at a maximum concentration of 10,900 mg/kg. This concentration exceeds the DEQ *Soil Ingestion, Dermal Contact, and Inhalation* RBCs for residential and urban residential receptors. Groundwater was not encountered in the excavation during decommissioning activities. NRC reported the release to DEQ, and LUST File No. 26-16-1462 was assigned to the incident. NRC suggested further action was necessary to address the soil contamination still in place within the area of the former heating oil UST.

6.4 K&S (2017)

In April 2017 K&S conducted soil sampling in the vicinity of the former heating oil UST located beneath the sidewalk adjacent to the southwest corner of the project site. Five borings were installed to a depth of 15 feet BGS, and soil samples were collected from between 9 and 15 feet BGS. Diesel-range hydrocarbons were detected in 3 of the 11 soil samples submitted for chemical analysis at a maximum concentration of 1,980 mg/kg at 13 feet BGS. This concentration exceeds the DEQ *Soil Ingestion, Dermal Contact, and Inhalation* RBC for residential receptors. One soil sample was submitted for chemical analysis of BTEX and PAHs. BTEX and PAHs were not detected at concentrations greater than applicable RBCs. Based on the analytical results of the soil investigation, K&S concluded that the concentrations of the remaining diesel-contaminated soil were below applicable DEQ RBCs at the time of the investigation and that the release associated with LUST File No. 26-16-1462 appeared to qualify for regulatory closure. DEQ issued an NFA determination for LUST File No. 26-16-1462 in June 2016 following review of the report submitted by K&S.

7.0 ENVIRONMENTAL RECORDS REVIEW

Federal, tribal, state, and local environmental records and databases were compiled according to 40 CFR Part 312 and ASTM E1527-13 for the project site and those facilities that currently or previously have occupied properties within the specified search distance from the project site. Information contained in the records and databases was reviewed by GeoDesign to evaluate the potential for environmental impacts to the project site. Local environmental databases, including City of Portland Fire Bureau and PBOT ROW records, were also reviewed. The EDR Radius Map Report is presented in Appendix C.

7.1 PROJECT SITE

Based on our review of the EDR Radius Map Report, the project site (listed as Bernstein Brothers and AJP) was listed on the DEQ LUST database (LUST File Nos. 26-91-0267 and 26-16-1462), DEQ RGA LUST database, DEQ UST database (UST Facility I.D. 6680) and EPA FINDS database. The DEQ LUST database contains listings of sites with reported leaking UST incidents. The DEQ RGA LUST database contains a list of leaking UST incidents derived from historical databases and includes many records that no longer appear in current government lists. The DEQ UST database includes a listing of facilities with registered USTs. The EPA FINDS database is an inventory or reference list and does not imply a release or REC at the project site.

LUST File No. 26-91-0267 was established in 1991 after soil contamination was encountered during decommissioning of two 1,000-gallon gasoline USTs located in the northwestern portion of the project site. Approximately 100 cubic yards of gasoline-contaminated soil were removed from the excavation and treated on site. The final disposal location of the soil was not documented. Petroleum hydrocarbons were not detected above laboratory reporting limits in confirmation soil samples collected from the limits of the excavation. Groundwater was not encountered during excavation. DEQ issued an NFA determination for LUST File No. 26-91-0267 in 1996. In our professional opinion, LUST File No. 26-91-0267 represents an HREC at the project site. Information obtained from DEQ pertaining to LUST File No. 26-91-0267 is presented in Appendix C.

LUST File No. 26-16-1462 was established after soil contamination was encountered in 2016 after ROW construction activities damaged a heating oil UST located beneath the sidewalk adjacent to the southwest corner of the project site. Approximately 20 gallons of heating oil were released to the subsurface. In November 2016 the UST was decommissioned by removal. Field evidence of petroleum contamination was observed in soil at the limits of the excavation. A total of 27.28 tons of contaminated soil were excavated from the vicinity of the former heating oil UST and transported to Waste Management's Hillsboro Landfill. Soil samples were collected from the limits of the excavation and analyzed for diesel- and oil-range petroleum hydrocarbons. Oil-range hydrocarbons were not detected in any of the soil samples submitted for chemical analysis. Diesel-range hydrocarbons were detected in all of the soil samples submitted for chemical analysis. The maximum detected concentration of diesel-range hydrocarbons was 10,900 mg/kg. Groundwater was not encountered in the excavation. NRC suggested further action was necessary to address the soil contamination still in place within the area of the former heating oil UST.

Information obtained during GeoDesign's DEQ file review indicated that in April 2017 K&S conducted additional soil sampling in the vicinity of the former heating oil UST. Five borings were installed to a depth of 15 feet BGS, and soil samples were collected from between 9 to 15 feet BGS. Diesel-range hydrocarbons were detected in 3 of the 11 samples submitted for chemical analysis. The maximum detected concentration of diesel-range hydrocarbons was 1,980 mg/kg at 13 feet BGS. One soil sample was submitted for chemical analysis of BTEX and PAHs. BTEX compounds and PAHs were not detected at concentrations greater than the applicable DEQ RBCs. Following the additional investigation by K&S, DEQ closed File No. 26-16-1462 in June 2017. Although the 2017 analytical results indicate that residual contaminant concentrations are less than applicable DEQ RBCs, based on the elevated diesel-range hydrocarbons detected in 2016 and the lack of soil gas data, it is our professional opinion that the residual contaminated soil represents a REC at the project site. Information obtained from DEQ pertaining to LUST File No. 26-16-1462 is presented in Appendix C.

The project site was listed on the DEQ UST database as having three decommissioned USTs (UST Facility I.D. 6680). According to information obtained from a DEQ file review, two gasoline USTs were decommissioned by removal in 1991 (likely associated with LUST File No. 26-91-0267) and one UST was decommissioned in place in 1988. Detailed documentation regarding the former contents and location of the UST decommissioned in-place UST and soil sampling records were not identified during this assessment. Based on the limited information contained in the DEQ files, the decommissioned in-place UST on the project site represents a REC at the project site. The Information obtained from DEQ pertaining to UST Facility I.D. 6680 is presented in Appendix C.

See Section 6.0 for a summary of previous documents reviewed during this assessment.

7.2 SURROUNDING SITES

The EDR Radius Map Report identified 434 surrounding sites listed on one or more regulatory databases within the ASTM search distances. Based on changes in ownership, address, multiple regulatory listings, and multiple regulatory actions, two or more of the surrounding site listings may actually represent only one physical location. Therefore, the number of surrounding sites is likely less than reported by EDR. Based on local topography, the inferred direction of shallow groundwater flow, the regulatory status of the listed sites, the media impacted at the listed sites, and information contained in the regulatory databases, it is our professional opinion that 1 of the 434 sites represent a REC at the project site. This site (the Piacentini Property) and six additional listed sites in close proximity to the project site are discussed in the following sections.

7.2.1 Piacentini Property

The Piacentini Property is located at 1206 SE Belmont Street in Portland, approximately 130 feet southeast of the project site and upgradient of the project site relative to the inferred groundwater flow direction. The Piacentini Property was listed on the DEQ LUST database (LUST File No. 26-16-0816). The DEQ LUST database contains listings of sites with reported leaking UST incidents. According to information from DEQ's online database, soil and groundwater contamination was encountered during a site assessment in 2016. Two areas of contamination

were identified on the property: (1) the northern area in the vicinity of two 600-gallon USTs and one 300-gallon UST and (2) the southern area in the vicinity of one 600-gallon UST and a hydraulic hoist.

Several environmental investigations have been conducted at the Piacentini Property, including soil, groundwater, and soil gas sampling. During an initial sampling event in May 2016, gasoline-range hydrocarbons were detected in the northern area at concentrations up to 2,880 mg/kg. Diesel- and oil-range hydrocarbons were detected in the southern area at concentrations up to 1,790 mg/kg and 2,850 mg/kg, respectively. VOCs, PAHs, and metals were also detected in soil samples. Petroleum hydrocarbons were not detected above the laboratory reporting limits in groundwater samples; however, low levels of VOCs (including ethylbenzene, total xylenes, PCE, 1,2,4-TMB, and 1,3,5-TMB) and PAHs (including naphthalene) were detected below applicable DEQ RBCs. DEQ stated that based on information from a nearby site, the PCE detected in the groundwater samples may be from multiple releases in the area.

An additional investigation was conducted in September 2016 during UST decommissioning activities. Based on analytical laboratory results from confirmation soil samples collected from the northern area, up to 13,500 mg/kg of gasoline-range hydrocarbons remain in place at 6 feet BGS. Based on analytical laboratory results from confirmation soil samples collected from the southern area, up to 17,300 mg/kg of diesel-range hydrocarbons and 131 mg/kg of oil-range hydrocarbons remain in place at 10 feet BGS.

In April 2017 additional soil and soil gas samples were collected in the vicinity of the northern area in an attempt to delineate the extent of petroleum-contaminated soil located in the ROW of SE Belmont Street and to evaluate the risk for vapor intrusion into buildings. Up to 3,810 mg/kg of gasoline-range hydrocarbons and 341 mg/kg of diesel-range hydrocarbons were detected in one boring advanced to 11 feet BGS in SE Belmont Street. Numerous VOCs were also detected at concentrations ranging from 4.11 to 209 mg/kg. Up to 3,650,000 µg/m^3 of gasoline-range hydrocarbons and up to 95.1 µg/m^3 of benzene were detected in soil gas samples. These concentrations exceed the DEQ *Vapor Intrusion into Buildings* RBCs for residential, urban residential, and occupational receptors and the DEQ *Vapor Intrusion into Buildings* RBC for residential receptors, respectively. Two additional soil gas samples were collected to determine the magnitude of benzene impacts. Benzene was not detected at a concentration greater than applicable DEQ RBCs.

DEQ issued a memorandum in September 2018 recommending a conditional NFA determination for the Piacentini Property contingent upon the development of a Contaminated Media Management Plan and the restriction of residential, urban residential, and occupational use of the property unless the owner conducts further evaluation to demonstrate there is no unacceptable risk for vapor intrusion into future structures constructed on the property. The LUST file associated with the Piacentini Property is currently active.

Based on the inferred direction of groundwater flow, the media impacted at the Piacentini Property, and information contained in the regulatory database, it is our professional opinion that the Piacentini Property represents a REC at the project site.

7.2.2 Modera Buckman

The Modera Buckman site is located at 909 SE 12th Avenue in Portland, approximately 100 feet south of the project site and cross gradient of the project site relative to the inferred groundwater flow direction. The Modera Buckman site was listed on the DEQ ECSI database (ECSI File No. 6222). The DEQ ECSI database contains listings of sites that are or may be contaminated and may require cleanup. According to information from DEQ's online database, soil and groundwater contamination was encountered during a site investigation in 2016. The contamination was associated with USTs and hydraulic hoists associated with historical vehicle repair and maintenance shops located on the property. Petroleum hydrocarbons were detected in soil samples submitted for chemical analysis, and PCE was detected in groundwater samples at concentrations up to 2.25 µg/L. Contaminated soil was excavated in January 2018, and confirmation soil samples indicated that diesel- and oil-range hydrocarbons were not detected above laboratory reporting limits. DEQ issued an NFA determination for the site in September 2018.

Based on the inferred direction of groundwater flow, the regulatory status of the Modera Buckman site, the media impacted at the Modera Buckman site, and information contained in the regulatory database, it is our professional opinion that the Modera Buckman site does not represent a REC at the project site.

7.2.3 Gardner and Ranchers

The Gardner and Ranchers site is located at 1004 – 1036 SE Belmont Street in Portland, approximately 150 feet southwest of the project site and downgradient of the project site relative to the inferred groundwater flow direction. The Gardner and Ranchers site was listed on the DEQ ECSI database (ECSI File No. 4073), DEQ LUST database (LUST File No. 26-02-0032), and DEQ VCP database. The DEQ ECSI database contains listings of sites that are or may be contaminated and may require cleanup. The DEQ LUST database contains listings of sites with reported leaking UST incidents. The DEQ VCP database contains a listing of sites that have entered into an agreement with DEQ to voluntarily address contamination associated with the property.

According to information from DEQ's online databases, soil and groundwater contamination was encountered during UST decommissioning in 2002. Soil samples were collected from the limits of the excavation in the southeastern portion of the property. Gasoline- and diesel-range hydrocarbons were detected at concentrations up to 1,210 mg/kg and 1,010 mg/g, respectively. The maximum concentration of gasoline-range hydrocarbons exceeded the DEQ *Leaching to Groundwater* RBC for residential and occupational receptors. Oil-range hydrocarbons were not detected above laboratory reporting limits. VOCs and PAHs were not detected at concentrations above applicable DEQ RBCs. Gasoline-range hydrocarbons were detected at a concentration of 1,850 µg/L from a groundwater sample collected from the excavation. Low levels of VOCs and PAHs were also detected in groundwater collected from the excavation. Three groundwater monitoring wells were subsequently installed in 2003, and VOCs and PAHs associated with petroleum hydrocarbons were not detected above the laboratory reporting limits during four quarters of compliance monitoring. After developing a Conceptual Site Model and conducting a beneficial water use survey and an analysis of current and future land uses, DEQ issued a

conditional NFA determination for LUST File No. 26-02-0032 in May 2005 contingent upon the prohibition of beneficial groundwater use on the property and the restriction of the property for residential purposes.

Additional soil and groundwater investigations occurred in 2013 through 2015 in preparation for site redevelopment and excavation to approximately 20 to 30 feet BGS. Analytical results from composite soil samples indicated that the material was suitable for export as clean fill, with the exception of soil in the southeast corner of the property and three other small areas. Soil not suitable for use as clean fill was sent to appropriate disposal locations. DEQ issued an NFA determination for ECSI File No. 4073 in June 2016.

Based on the inferred direction of shallow groundwater flow, the regulatory status of the Gardner and Ranchers site, the media impacted at the Gardner and Ranchers site, and information contained in the regulatory databases, it is our professional opinion that the Gardner and Ranchers site does not represent a REC at the project site.

7.2.4 Gen44 LLC

The Gen44 LLC site is located at 1205 SE Morrison Street in Portland, approximately 125 feet northeast of the project site and upgradient of the project site relative to the inferred groundwater flow direction. The Gen44 LLC site was listed on the DEQ LUST database (LUST File No. 26-17-0584). According to information from DEQ's online databases, soil contamination was encountered during UST decommissioning in May 2017. Gasoline-, diesel-, and oil-range hydrocarbons were not detected above laboratory reporting limits in confirmation soil samples collected from the limits of the excavation. DEQ issued an NFA determination for the site in December 2017.

Based on the regulatory status of the Gen44 LLC site, the media impacted at the Gen44 LLC site, and information contained in the regulatory database, it is our professional opinion that the Gen44 LLC site does not represent a REC at the project site.

7.2.5 Multnomah County Elections

The Multnomah County site is located at 1040 SE Morrison Street in Portland, approximately 60 feet west of the project site and downgradient of the project site relative to the inferred groundwater flow direction. The Multnomah County site was listed on the DEQ LUST database (LUST File No. 26-97-0232). According to information from DEQ's online database, soil contamination was encountered during decommissioning of a UST in 1997. Oil contamination was detected at a maximum concentration of 630 ppm. BTEX and halogenated VOCs were not detected above laboratory reporting limits. Leachable cadmium and lead were detected below their most stringent cleanup criteria at concentrations of 0.03 mg/L and 0.06 mg/L, respectively. While the detected concentration of oil was above the established cleanup level, DEQ concluded that the absence of waste oil constituents in excess of risk-based cleanup levels indicated that the remaining contamination could remain in place. DEQ issued an NFA determination for the project in 2001.

Based on the inferred direction of shallow groundwater flow, the regulatory status of the Multnomah County site, the media impacted at the Multnomah County site, and information contained in the regulatory database, it is our professional opinion that the Multnomah County site does not represent a REC at the project site.

7.2.6 Heating Oil Tanks

Heating oil tanks were formerly located at 1117 SE Morrison Street and 1200 SE Morrison Street in Portland. The heating oil tank sites were listed on the DEQ LUST database (LUST File Nos. 26-07-1838 and 26-06-2041, respectively).

The property located at 1117 SE Morrison Street is approximately 80 feet north and cross gradient of the project site relative to the inferred groundwater flow direction. According to information from DEQ's online database, soil contamination was encountered during UST decommissioning in 2007. DEQ issued an NFA determination for the site in 2008.

The property located at 1200 SE Morrison Street is approximately 100 feet east and upgradient of the project site relative to the inferred groundwater flow direction. According to information from DEQ's online database, soil contamination was encountered during a site assessment in 2006. DEQ issued an NFA determination for the site in 2007.

Based on the inferred direction of shallow groundwater flow, the regulatory status of the heating oil tank sites, the media impacted at the heating oil tank sites, and/or information contained in the regulatory database, it is our professional opinion that the heating oil tank sites do not represent a REC at the project site.

7.3 ORPHAN SITES

Due to poor or inadequate address information, EDR was unable to successfully map 16 facilities identified on several environmental databases. However, enough information was available to ascertain the general location of these orphan facilities relative to the project site and, in some cases, the status of the investigations concerning these orphan sites. Based on the location of the orphan sites, the inferred direction of shallow groundwater flow, the regulatory status of the listed sites, the media impacted at the listed sites, and information contained in the regulatory databases, it is our professional opinion that these orphan sites do not represent a REC at the project site.

7.4 CITY OF PORTLAND FIRE BUREAU

City of Portland Fire Bureau UST records were searched on April 26, 2019 by GeoDesign personnel. The following City of Portland Fire Bureau permits associated with the project site were reviewed:

- Permit No. 43807, dated October 16, 1948, notes the installation of a UST in the "yard" located at 807 SE 12th Avenue.
- Permit No. 23458, dated May 11, 1946, notes the installation of an integral AST located at 821 SE 21st Avenue. The AST fueled the oil burner for an oil stove.

Based on historical permits obtained from the City of Portland Fire Bureau and our review of Sanborn fire insurance maps and historical property information (see Section 8.0), one heating oil UST and one heating oil AST were historically located on the project site. The potential for subsurface impacts associated with the historical heating oil tanks on the project site represents a REC at the project site. The City of Portland Fire Bureau records are presented in Appendix C.

7.5 PBOT

GeoDesign contacted PBOT on March 13 and April 29, 2019 for information regarding potential USTs in the ROWs adjoining the project site. Based on their review, the following PBOT permits are associated with the project site:

- Permit No. TR-16-160, dated November 9, 2016, notes UST decommissioning by removal of a heating oil UST located beneath the sidewalk adjacent to the southwest corner of the project site.
- Permit No. TR-17-044, dated November 5, 2017, notes the drilling of four test bores in the vicinity of the former heating oil UST located beneath the sidewalk adjacent to the southwest corner of the project site.

These records relate to the heating oil UST associated with LUST File No. 26-16-1462 and further described in Sections 6.3, 6.4, and 7.1. The PBOT permit records are presented in Appendix C.

8.0 PROJECT SITE HISTORY AND BACKGROUND

Reasonably ascertainable information concerning the history and background of the project site begins in 1889 and includes aerial photographs, USGS topographic maps, reverse city directories, Sanborn fire insurance maps, online property information (including available building department records, property tax information, and zoning/land use records), and personal knowledge of individuals familiar with the project site.

Historical aerial photographs of the project site were obtained from EDR and reviewed by GeoDesign. The scale of the photographs reviewed allowed for the interpretation of general site development/configuration but did not allow for the identification of specific project site features. Aerial photographs were reviewed for the following years: 1936, 1948, 1951, 1955, 1960, 1963, 1970, 1975, 1981, 1994, 2000, 2005, 2009, 2012, and 2016. The historical aerial photographs are presented in Appendix D.

Historical topographic maps of the project site were obtained from EDR and reviewed by GeoDesign. Topographic maps were reviewed for the following years: 1897, 1905, 1939/40, 1954, 1961, 1970, 1977/78, 1995, and 2014. The historical topographic maps are presented in Appendix D.

Reverse city directories for the project site and adjacent properties were obtained from EDR and reviewed by GeoDesign. Please note that in some locations, particularly in urban areas, addresses for a particular property may change over time. Based on a review of Sanborn fire insurance maps and historical property information, the following addresses historically correspond to the project site: 129 Belmont (1909), 131 Belmont (1909), 533 Belmont (1924),

535 Belmont (1901-1924), 140 E 11th Street (1924-150), 150 E 11th Street (1924), 154 E 11th Street (1909-1924), 141 E 12th Street (1909-1924), 143 E 12th Street, 145 E 12th Street (1909-1924), 147 E 12th Street (1924), 149 E 12th Street (1909-1924), 155 E 12th Street (1909), 526 E Morrison (1909-1924), 534 E Morrison (1909), 832 SE 11th Avenue (1950-1969), 822 SE 11th Avenue (1950-1969), 801 SE 12th Avenue (1950-1969), 807 SE 12th Avenue (1950), 817 SE 12th Avenue (1950-1969), 821-823 SE 12th Avenue (1950-1969), and 1135 SE Belmont (1950-1969). The city directories were reviewed (if available) at approximately five-year intervals for the years spanning 1924 through 2014. The EDR City Directory Report is presented in Appendix D.

Sanborn fire insurance maps for the project site were obtained from EDR and reviewed by GeoDesign. Sanborn fire insurance maps were reviewed for the following years: 1889, 1901, 1909, 1924, 1950, and 1969. The Sanborn fire insurance maps are presented in Appendix D.

Online property information for the project site and select adjacent properties was reviewed by GeoDesign. The online property information is presented in Appendix D.

8.1 PROJECT SITE

Based on the review of historical sources cited in Section 8.0, we have identified the following developmental history of the project site:

Year	Observations	Source
1889 through 1901	Until sometime prior to 1901 the project site was vacant land. By 1901 a residence was constructed on the southeastern portion of the project site.	• Topographic Map • Sanborn Fire Insurance Maps
1909 through 1963	By 1909 additional residences and delivery flats were constructed on the eastern portion of the project site and a telephone office was constructed on the northwestern portion of the project site. By 1924 a pie bakery was constructed in the southwestern portion of the project site that included an office, loading shed, cold storage room, and restroom. By 1950 the bakery expanded into the former telephone office and into the delivery flats to the east to include warehouse space.	• Aerial Photographs • Topographic Maps • City Directories • Sanborn Fire Insurance Maps
1969 through 2019	By 1969 the residences and delivery flats on the eastern portion of the project site were demolished and a parking lot was constructed. By 2005 the project site was occupied by AJP Northwest and A&S Marketing. The project site has remained relatively unchanged since that time.	• Aerial Photographs • Topographic Maps • City Directories • Sanborn Fire Insurance Map • Site Reconnaissance

Based on our review of historical sources, it is our opinion that the historical use of the project site does not represent a REC at the project site. However, during our review of historical aerial photographs a suspect circular feature was observed in the east-central portion of the project site parking lot. We recommend that this area be further evaluated using geophysical survey methods.

8.2 ADJOINING SITES

Based on the review of historical sources cited in Section 8.0, we have identified the following developmental history of properties adjoining the project site:

Year	Observations	Source
1889 through 1924	By 1889 the ROWs adjoining the project site were present in their current approximate configurations and adjoining properties were vacant or residential land. By 1901 St. David's Episcopal Church was constructed east of the project site. By 1909 Yale Laundry and a wagon stable were constructed west of the project site. By 1924 the wagon stable was demolished and a machine shop and a print shop were constructed west of the project site. By 1924 a public library was constructed north of the project site.	• Topographic Maps • Sanborn Fire Insurance Maps
1935 through 1955	By 1935 the property southwest of the project site was developed with a warehouse-type structure and occupied by Gardner and Ranchers and fuel stations were constructed east and southeast of the project site. By 1950 commercial development increased on adjacent properties, including a fuel station and a dry ice factory, north of the project site and a Multnomah County Road Department facility, including a motorcycle sales and service shop, a motorcycle repair shop, a radio shop, and a wash rack, west of the project site. Sometime after 1950 Yale Laundry vacated the building west of the project site.	• Aerial Photographs • Topographic Maps • City Directories • Sanborn Fire Insurance Map
1960 through 2000	By 1960 St. David's Episcopal Church was demolished and an auto sales lot was constructed. By 1960 the property south of the project site was developed with a commercial structure. By 1969 a fuel station was constructed northeast of the project site. By 1994 the fuel station southeast of the project site was demolished.	• Aerial Photographs • Topographic Maps • City Directories • Sanborn Fire Insurance Map
2005 through 2019	By 2005 the building located southwest of the project site was demolished. From 2012 through the present mixed-use development has increased on properties south and southwest of the project site. The adjoining properties to the north, west, and east of the project site have remained relatively unchanged since 2005.	• Aerial Photographs • Topographic Map • City Directories • Site Reconnaissance

Based on our review of historical sources, it is our opinion that the historical use of the property located southeast of the intersection of SE Belmont Street and SE 12th Avenue (the Piacentini Property) as a fuel station represents a REC in connection with the project site.

9.0 SITE RECONNAISSANCE

GeoDesign conducted a reconnaissance of the project site on March 20, 2019 and April 26, 2019. The observations described in this section apply to the project site as it appeared on those days. The site reconnaissance was performed to observe the current condition of the project site and obtain information indicating the likelihood of identifying RECs in connection with the project site. Access to the project site and its structure was unlimited. The adjoining properties were also observed from the boundaries of the project site as part of the site reconnaissance. A site plan is presented on Figure 2. Photographs of the project site were taken to document observations made during the site reconnaissance and are presented on Figures 3 through 5.

9.1 GENERAL PROJECT SITE USE

The project site consists of a 19,593-square-foot commercial structure and an asphalt-paved parking lot. The commercial structure is currently occupied by A&S Marketing and AJP Northwest and consists of office space; warehouse space for the storage and sale of paper products, janitorial supplies, and tobacco products; and restrooms.

9.2 PROJECT SITE OBSERVATIONS

Features of Concern	Observations
Project Site Structures	See Section 9.2.1
Project Site Drainage	See Section 9.2.2
Potable Water Supply	See Section 9.2.3
Sewage Disposal System	See Section 9.2.4
Roads	See Section 9.2.5
Hazardous Substances and Petroleum Products	See Section 9.2.6
ASTs and/or USTs	See Section 9.2.7
Emergency Generators	Not observed
Hydraulic Lifts	Not observed
Wash-Down Areas	Not observed
Vehicle Repair or Maintenance	Not observed
Sumps, Cisterns, Catch Basins, and Drywells	See Section 9.2.8
Oil/Water Separators	Not observed
Strong, Pungent, or Noxious Odors	Not observed
Pools of Liquid	Not observed
Drums, Barrels, or Containers (5 gallons or larger capacity)	Not observed
Unidentified Substance Containers	Not observed
Potential PCB-Containing Equipment	See Section 9.2.9
Pits, Ponds, and Lagoons	Not observed
Stained Soil or Stained Pavement	Not observed
Stressed Vegetation	Not observed
Solid Waste or Fill Material	Not observed
Wastewater	Not observed
Wells	Not observed

Features of Concern	Observations
Historical Septic Systems/Cesspools	Not observed
Heating and Cooling Systems	See Section 9.2.10
Interior Stains or Corrosion	Not observed
Interior Drains or Sumps	See Section 9.2.11

9.2.1 Project Site Structures

The project site structure is a 19,593-square-foot commercial building with office and warehouse space, including an attic and a basement with a concrete floor.

9.2.2 Project Site Drainage

Surface water at the project site is expected to flow into catch basins located in the parking lot on the eastern portion of the project site and the loading dock area on the northwestern portion of the project site. The catch basins reportedly drain to the City of Portland combined sewer system (see Section 10.3). Some surface water was observed in the catch basins located on the project site. Unusual sheens or odors were not observed.

9.2.3 Potable Water Supply

Potable water is supplied to the project site by City of Portland Water Bureau.

9.2.4 Sewage Disposal System

Sewage generated at the project site is discharged to the City of Portland Bureau of Environmental Services municipal sewer system. GeoDesign could not identify the year municipal sewer service became available at the project site. However, a "storm only" sewer connection permit (84686) dated August 2, 1967, was located that documents installation of a 6-inch lateral to the parking lot on the east side of the project site, 86 feet north of SE Belmont Street. The permit is presented in Appendix C.

9.2.5 Roads

Roads adjoining the project site include SE 12th Avenue to the east, SE Belmont Street to the south, SE 11th Avenue to the west, and SE Morrison Street to the north.

9.2.6 Hazardous Substances and Petroleum Products

Small-quantity containers of paint, cleaning chemicals, and anti-freeze coolant were observed throughout the project site. Evidence of leaks or spills were not observed in the vicinities of these containers.

9.2.7 ASTs and/or USTs

Evidence of two USTs was observed in the sidewalk along SE Belmont Street adjacent to the south of the project site, and evidence of one UST was observed in the parking lot on the eastern portion of the project site. The potential presence of USTs located on and adjacent to the project site represents a REC at the project site.

9.2.8 Sumps, Cisterns, Catch Basins, and Drywells

As described in Section 9.2.2, two catch basins were observed on the project site. One catch basin was observed near the center of the east parking lot and the other catch basin was

observed in the loading dock area in the northwest corner of the project site. The catch basins reportedly drain to the City of Portland combined sewer system (see Section 10.3). Some surface water was observed in the catch basins located on the project site. Unusual sheens or odors were not observed.

9.2.9 Potential PCB-Containing Equipment

Two pole-mounted transformers were observed immediately east of the eastern boundary of the project site. GeoDesign personnel could not determine if the transformers were labeled as containing "No PCBs." The transformers appeared to be in good condition, with no evidence of spills or leaks.

9.2.10 Heating and Cooling Systems

The project site structure is heated with a natural gas-fired furnace.

9.2.11 Interior Drains or Sumps

One interior floor drain was observed in the office basement and one interior floor drain was observed in the warehouse bathroom.

9.3 SURROUNDING PROPERTY USE

The project site is directly bound to the north by SE Morrison Street, across which is Buckman Veterinary Clinic and Plaid Pantry; to the east by SE 12th Avenue, across which is Northwest Fighting Arts and commercial and residential property; to the south by SE Belmont Street, across which is commercial/residential property; and to the west by SE 11th Avenue, across which is Multnomah County Elections. Evidence of adverse environmental conditions was not observed on adjacent properties.

10.0 INTERVIEWS

The project site is currently owned by Campf Properties Limited Partnership and occupied by A&S Marketing and AJP Northwest. GeoDesign interviewed the owner and state and local government officials during the course of this assessment. Information obtained from these interviews is presented in the following sections.

10.1 CURRENT OWNER

Alan Campf (property owner) completed a Phase I ESA Property Owner Questionnaire regarding the project site on March 14, 2019. Mr. Campf has been familiar with the project site for over 40 years. According to Mr. Campf, the project site was historically used for the storage and sale of Fuchs industrial lubricants, paper products, janitorial supplies, and tobacco products.
Mr. Campf is also aware of two gasoline USTs that were decommissioned by removal in 1991 and one heating oil UST that was decommissioned by removal in 2016. Mr. Campf does not have knowledge of the decommissioned in-place UST on the project site in 1988. According to documentation provided by Mr. Campf, DEQ has issued NFA determinations for the LUST files established to address the releases associated with these USTs (further described in Sections 6.0 and 7.1). Mr. Campf also identified a floor drain located in the warehouse bathroom. According to Mr. Campf, asbestos was discovered in flooring material of the office space.

10.2 CURRENT OR PAST OCCUPANT

At the request of the current owner, the current occupants of the project site were not interviewed.

10.3 STATE AND LOCAL GOVERNMENT OFFICIALS

Jennifer Claussen (state-wide LUST duty officer) was interviewed on March 20, 2019 regarding her knowledge of the project site. According to Ms. Claussen, DEQ has online records of three decommissioned USTs located on the project site. According to the online DEQ records, two USTs were decommissioned by removal in July 1991 and one UST was decommissioned in place in June 1988. Ms. Claussen indicated that she does not have any additional information regarding LUST File Nos. 26-91-0267 and 26-16-1462 since their closures in 1996 and 2017, respectively. Ms. Claussen did not have additional knowledge regarding the decommissioned in-place UST on the project site in 1988.

James Hyatt (engineering technician with the City of Portland Bureau of Environmental Services) was interviewed on April 4, 2109 regarding his knowledge of the catch basins located on the project site. According to Mr. Hyatt, the city has records of catch basins permitted on the project site that connect to the project site's sewer line and likely discharge to the city's combined sewer system.

11.0 DATA GAPS

At the request of the current owner, the current occupants of the project site were not interviewed. GeoDesign could also not identify the year municipal sewer service became available at the project site. It is our professional opinion that these data gaps are of low significance relative to our ability to identify RECs at the project site.

12.0 DECLARATIONS

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in 40 CFR Part 312.10. We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the project site. We developed and performed all the appropriate inquiries in accordance with the standards and practices set forth in 40 CFR Part 312.

13.0 LIMITATIONS

This Phase I ESA has been prepared for use by Mill Creek Residential Trust. GeoDesign makes no warranties or guarantees regarding the accuracy or completeness of information provided or compiled by others. The information presented in this report is based on the above-described research and two recent site visits. Information provided by others was relied on in our description of historical conditions and review of regulatory databases and files. The available data do not provide definitive information with regard to all past uses, operations, or incidents at the project site or adjacent properties. Performance of this practice is intended to reduce, but not eliminate, uncertainty regarding the potential for RECs in connection with a property. There is always a potential that areas with contamination that were not identified during this

assessment exist at the project site or in the study areas. Further evaluation of such potential would require additional research, subsurface exploration, sampling, and/or testing.

Some substances may be present in the project site vicinity in quantities or under conditions that may have led or may lead to contamination of the project site but are not included in current local, state, or federal regulatory definitions of hazardous substances or do not otherwise present current potential liability. GeoDesign cannot be responsible if the standards of all appropriate inquiry or regulatory definitions of hazardous substance change or if you are required to meet more stringent standards in the future.

This report is not intended for use by others, and the information contained herein is not applicable to other sites. Reliance on this report by other parties is strictly at the risk of those parties, and GeoDesign will grant no third-party reliance unless specifically requested in writing by our client for whom this report was prepared.

Within the limitations of scope, schedule, and budget, our services have been executed in accordance with the generally accepted environmental science practices for Phase I ESAs in this area at the time this report was prepared. No warranty or other conditions, express or implied, should be understood.

♦ ♦ ♦

We appreciate the opportunity to be of service to Mill Creek Residential Trust. Please call if you have questions regarding this report.

Sincerely,

GeoDesign, Inc.

Krysta Krippaehne, E.I.T.
Environmental Staff

Kyle R. Sattler, L.G. (Washington)
Senior Project Geologist

Jason O'Donnell, R.G.
Principal Geologist

FIGURES

GEODESIGN INC
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MILLCREEK-19-01-01	**VICINITY MAP**	
MAY 2019	MODERA MORRISON PORTLAND, OR	**FIGURE 1**

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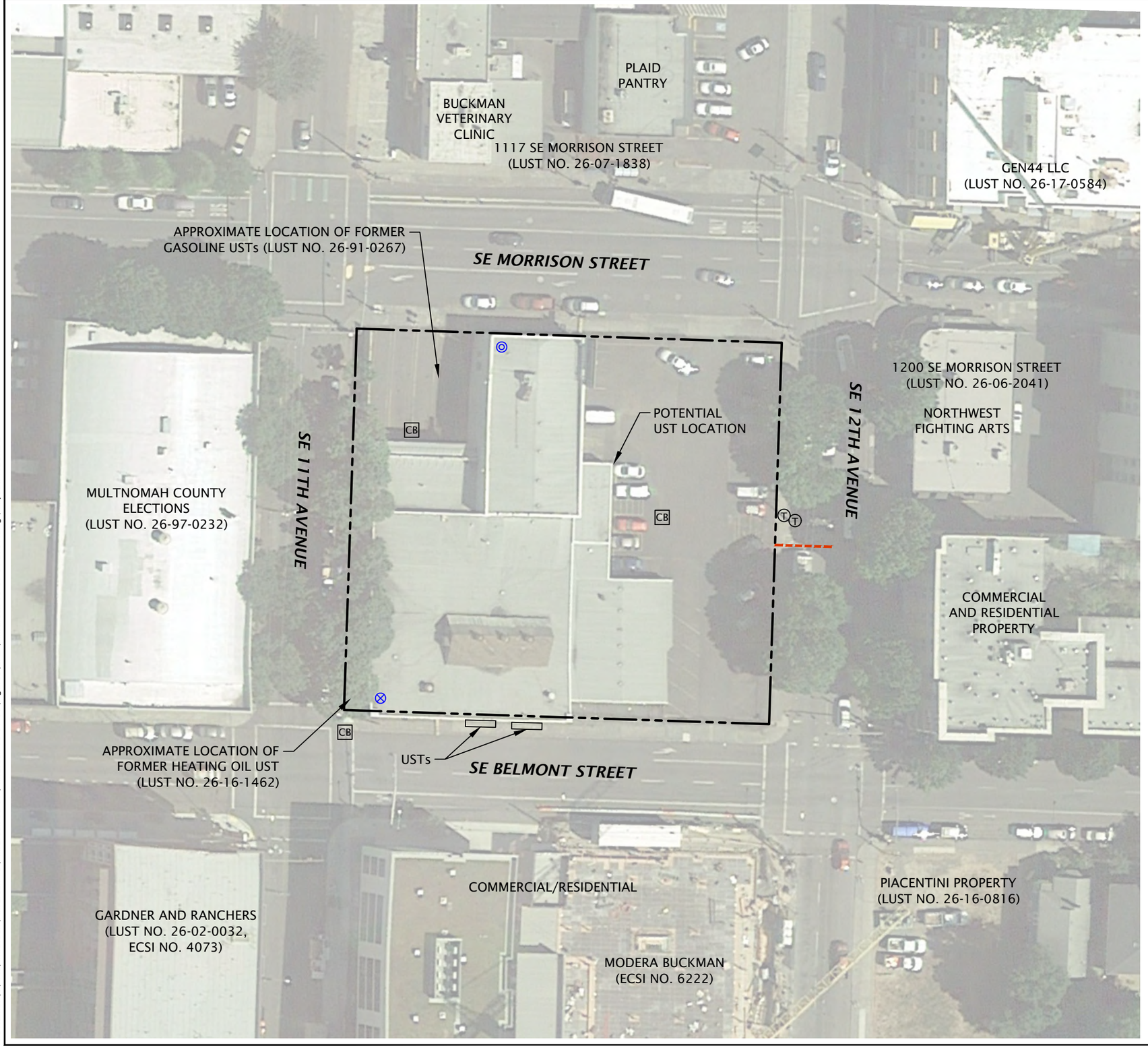
File Name: J:\M-R\MillCreek\MillCreek-19\MillCreek-19-01\MillCreek-19-01-01\Figures\CAD\MillCreek-19-01-01-VM01.dwg | Layout: FIGURE 1



LEGEND:

- PROJECT SITE BOUNDARY
- CB — CATCH BASIN
- T — POLE-MOUNTED TRANSFORMER
- FLOOR DRAIN IN OFFICE BASEMENT
- FLOOR DRAIN IN WAREHOUSE BATHROOM
- 6-INCH LATERAL STORMWATER SEWER LINE (PERMIT 84686) INSTALLED IN 1967

N

0 50 100

(SCALE IN FEET)

SITE PLAN BASED ON AERIAL PHOTOGRAPH OBTAINED FROM GOOGLE EARTH PRO®, MARCH 22, 2019

SITE PLAN

MODERA MORRISON
PORTLAND, OR

FIGURE 2

MILLCREEK-19-01-01

MAY 2019

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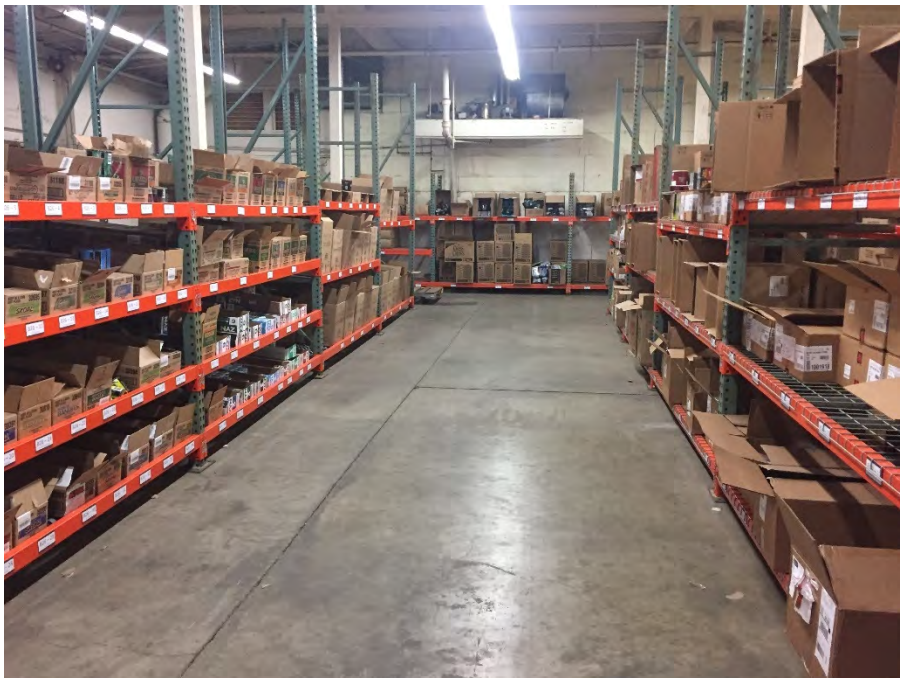
File Name: J:\M-R\MillCreek\MillCreek-19\MillCreek-19-01\MillCreek-19-01-01\Figures\CAD\MillCreek-19-01-01-SP01.dwg | Layout: FIGURE 2

EASTERN PORTION OF THE PROJECT SITE. PHOTOGRAPH TAKEN FACING SOUTH.

NORTHWESTERN PORTION OF THE PROJECT SITE. PHOTOGRAPH TAKEN FACING SOUTHEAST.

GeoDesign Inc 9450 SW Commerce Circle - Suite 300 Wilsonville OR 97070 503.968.8787 www.geodesigninc.com	MILLCREEK-19-01-01	**PROJECT SITE PHOTOGRAPHS**	
	MAY 2019	MODERA MORRISON PORTLAND, OR	**FIGURE 3**



INTERIOR OF THE WAREHOUSE LOCATED ON THE PROJECT SITE.

FLOOR DRAIN LOCATED IN THE OFFICE BASEMENT.

FILL PORT FOR THE UST LOCATED BENEATH THE SIDEWALK ALONG SE BELMONT STREET ADJACENT TO THE SOUTH OF THE PROJECT SITE.

FILL PORT FOR THE UST LOCATED IN THE PARKING LOT ON THE EASTERN PORTION OF THE PROJECT SITE.

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MILLCREEK-19-01-01	**PROJECT SITE PHOTOGRAPHS**	
MAY 2019	MODERA MORRISON PORTLAND, OR	**FIGURE 5**

APPENDIX A

GEODESIGN INC

FIRM PROFILE

Employee-owned and founded in 1997, GeoDesign provides geotechnical engineering, environmental, geological, mining, and pavement design consulting services from offices in Portland and Salem, Oregon; Vancouver, Seattle, Longview, and Tacoma, Washington; and Anaheim, California. Our team consists of more than 75 engineers, geologists, engineering geologists, environmental scientists, technical personnel, and administrative staff.

From planning and design through construction, we offer consulting services in support of commercial and residential developments, industrial facilities, property transactions, regulatory compliance, and transportation and water infrastructure systems. GeoDesign works on all phases of project development, including preliminary studies for due diligence, master planning studies, siting of new structures and utility and road alignments, regulatory studies (such as NEPA documents), comprehensive investigations for final geotechnical design, oversight of environmental clean-up activities, and construction observation and testing.

We value our client relationships and are dedicated to offering exemplary service. Our focus on communication and collaboration enables us to develop a targeted approach for our clients' project needs and objectives. In providing recommendations, we clearly present the issues, alternatives, and risks in order to assist our clients in making informed decisions. As a result, much of our business comes from repeat clients and referrals.

GEODESIGN INC

JASON O'DONNELL, RG, LG

Principal Geologist

Jason O'Donnell is a principal geologist with over 15 years of environmental assessment and remediation experience. He has managed a diverse range of environmental and water resource projects. Jason has experience in site reconnaissance; Level I and II hazardous materials corridor studies; monitoring well installations; UST decommissioning; subsurface investigations; remedial excavation sampling; air sparging and vapor extraction treatment systems; pumping tests; and electronic data acquisition, analysis, and database management.

Key Projects

- City of Tigard, Highway 99W to Railroad Corridor - Phase I; Tigard, OR
- Clackamas County, Southwest Connector Project; Clackamas, OR
- Clackamas County, Otty Street Realignment; Clackamas County, OR
- City of Portland Bureau of Environmental Services (BES), Interstate Facility Renovation (former Foundry facility); Portland, OR
- City of Portland BES, Phase II Sewer Rehabilitation Program - Rose City Park; Portland, OR
- Coos Head Hazardous Material Survey and Abatement; Charleston, OR
- The Abigail - Block 27; Portland, OR
- OHSU Collaborative Life Sciences Building; Portland, OR
- Washington County, Shadybook Landfill Reclamation; Washington County, OR
- Providence Health & Services, Various Facilities; OR and WA
- Parkrose School District, New Middle School; Portland, OR
- B&R Auto Wrecking Site; Portland, OR
- RS Davis/Portable Equipment Salvage Company Site; Clackamas, OR
- Esperanza Court Housing; Portland, OR
- Lake Oswego-Tigard Water Partnership, Water Supply System Expansion; Clackamas/Washington County, OR
- Washington County Facilities Management, Bridgeport Village (former Durham Quarry); Tigard/Tualatin, OR
- Proposed Rivers in Oregon City Development (Former Rossman Landfill); Oregon City, OR
- City of Salem, Minto Island Bicycle & Pedestrian Bridge; Salem, OR
- ODOT/City of Portland, N. Going Bike/Ped: N. Vancouver Avenue – N. Channel Avenue; Portland, OR
- Trust for Public Land, Bridal Veil Property; Bridal Veil, OR
- Trust for Public Land, Major Creek Parcels; Klickitat County, WA
- Clark County, 10th Avenue Improvements; Vancouver, WA
- 1238 Vandercook Way; Longview, WA
- English Pit Reclamation; Vancouver, WA
- City of Tukwila, East Marginal Way Stormwater Improvements; Tukwila, WA
- City of Seattle, Fire Station No. 20; Seattle, WA
- Catholic Charities of Spokane Building; Spokane, WA

Credentials/Affiliations

BS, Geological Sciences, University of Oregon, 1996
Registered Geologist, OR
Licensed Geologist, WA
HAZWOPER Training and Annual Updates

GEODESIGN INC

KYLE R. SATTLER, LG

Senior Project Geologist

Kyle Sattler is a Senior Project Geologist with over 25 years of experience in a wide range of environmental, hydrogeologic, and geotechnical projects for private and public sector clients. His experience includes the investigation, evaluation, risk assessment, and remediation of numerous sites that have had impacted soil, sediment, groundwater, and surface water.

Kyle has extensive experience managing projects conducted under the Washington Department of Ecology's and Oregon Department of Environmental Quality's Voluntary Cleanup Programs. Project sites have included vacant lots, commercial properties, and highly industrialized facilities, as well as transportation corridors. Environmental tasks on transportation projects have ranged from simple re-pavement projects along specified roadway alignments to more complex projects involving reconstruction, road widening, utility improvements, and realignment. Many of Kyle's projects have involved implementing various types of soil remediation and groundwater treatment, and the application of risk-based protocols for site closure. Kyle was with GeoDesign from 2005 to 2009, and rejoined the firm in June 2017.

Key Projects

- Phillips 66, Site Investigations, OR and WA*
- NW Cornell Road Improvements; Tigard, OR
- SW Hall Boulevard and Highway 99W Intersection; Tigard, OR
- SW Greenburg Road/SW Main Street and Highway 99W Intersection; Tigard, OR
- Former Koch's Cleaners; Beaverton, OR
- Parr Lumber, Columbia East Business Park; Pasco, WA
- Former Summers Lane Service Station; Klamath Falls, OR
- Former Tube Specialties Site; Portland, OR
- Ross Island Sand & Gravel, Feasibility Study/Reclamation Support Services; Portland, OR
- Potlatch Corporation, Hydraulic Connection Study; Lewiston, ID
- Washington County Facilities Management, Former Shadybrook Landfill; North Plains, OR
- Vancouver Clinic at Columbia Tech Center; Vancouver, WA
- Canyon Clock Center; Frederickson, WA
- 85-Acre Clackamas Quarry Site; Clackamas, OR
- Bridgeport Village; Tigard/Tualatin, OR
- Burlington Northern and Santa Fe Railway; Vancouver, WA, and Klamath Falls, OR
- Bellevue Towers; Bellevue, WA
- City of Battle Ground, Public Works Operations Center; Battle Ground, WA
- Bellevue School District, Ardmore Elementary School; Bellevue, WA
- Proposed The Landing at Evergreen (former Evergreen Airport – 52-acre site); Vancouver, WA
- Turnbull Landfill; Vancouver, WA

** Experience outside of GeoDesign*

Credentials/Certifications

BA, Geology, Whitman College, 1989
Licensed Geologist, WA
OSHA Hazardous Materials Training (40-Hour and 8-Hour Refresher)
Certified First Aid/CPR

GEODESIGN INC

KRYSTA KRIPPAEHNE, EIT

Environmental Staff

Krysta Krippaehne joined GeoDesign in February 2019 as a full-time environmental staff, after spending the previous three summers as an intern at the firm. For GeoDesign's environmental team, Krysta is assisting with Phase I and II Environmental Site Assessments, hazardous building materials surveys, and other services. She has completed surface soil sampling, performed methane monitoring using a Gas Extraction Monitor and anemometer, performed soil field screening using a photoionization detector and a sheen pan, assisted in report writing, and conducted geotechnical construction observation services (including soldier pile and tieback installations and tieback testing) to ensure compliance with recommendations.

At Oregon State University, Krysta served as a both a graduate research assistant and teaching assistant. She also spent a summer in Costa Rica working for the Center for Sustainable Development, where she assessed trail conditions and carrying capacity within Carara National Park.

Key Projects

- Broadway Tower; Portland, OR
- Proposed Development (Block 295W); Portland, OR
- Capital Hill Station; Seattle, WA
- Totem Lake Mall Redevelopment (Village at Totem Lake); Kirkland, WA
- Proposed Coast Products Development Site; Portland, OR
- Corvallis Station; Corvallis, OR
- 14 Mile Ranch; Merced County, CA
- 1710 Webster Street Site (Proposed 23-Story Development); Oakland, CA
- SE Cedar Street and SE Golden Road Improvements; Hillsboro, OR
- Washington County RV Park; Hillsboro, OR
- Los Angeles Dept. of Water and Power, Sylmar Basin Monitoring Wells Installation; Sylmar, CA
- Warrenton Fiber Company Tansy Point Facility; Warrenton, OR
- Bridgeport Village Development (Methane Monitoring); Washington County, OR
- Springhill Road Bridge – Tualatin River Overflow; Washington County, OR
- Trust for Public Land, Cooke Property; Yamhill County, OR
- 27 B Avenue/504 N State Street Site; Lake Oswego, OR
- Comcast Field Fulfillment Office; Portland, OR
- Southshore Corporate Park, Lots 6 and 7; Portland, OR
- OHSU Knight Cancer Research Institute; Portland, OR
- ODOT, Stream and Wetland Compensatory Mitigation for Yaquina Basin US 20 Corridor; Lincoln County, OR

Credentials/Certifications

MS, Environmental Engineering, Oregon State University, 2018
BS, Environmental Engineering (Chemistry Minor), Oregon State University, 2016
Engineer-in-Training, OR
HAZWOPER Training (40-Hour)
AHERA Building Inspector

APPENDIX B

GEODESIGN INC

PHASE I ENVIRONMENTAL SITE ASSESSMENT USER QUESTIONNAIRE

Project Number:	MillCreek-19-01-01
Project Name:	Modera Morrison
Project Site Location:	1120 SE Morrison Street; Portland, OR
User Representative Name and Title:	Cassidy Bolger, Development Associate
Date Questionnaire Completed:	03/11/19
Years Associated with the Project Site:	less than one

Please answer the following questions ***to the best of your knowledge***. If the answers to any of the questions are "yes", or if you need to provide further explanation to any "no" answers, please provide additional detail in the space below each question.

1. To your knowledge, has a search of recorded land title records or judicial records[1] identified environmental liens that were filed against the project site under federal, tribal, state, or local law?

☒ No ☐ Yes

Describe if needed: _____

2. To your knowledge, has a search of recorded land title records or judicial records[2] identified Activity Use Limitations (AULs) such as environmental engineering controls, land use restrictions, or institutional controls that were filed against the project site under federal, tribal, state, or local law?

☒ No ☐ Yes

Describe if needed: _____

3. Do you have specialized knowledge or experience[3] related to the project site or nearby properties?

☒ No ☐ Yes

Describe if needed: _____

[1] Some jurisdictions specify that environmental liens be filed in judicial records rather than in land title records.
[2] Some jurisdictions specify that AULs be filed in judicial records rather than in land title records.
[3] For example, are you involved in the same line of business as the current or former occupants of the project site or adjoining properties, such that you would have specialized knowledge of the chemicals and processes used by this type of business.

GEODESIGN INC

4a. Does the purchase price being paid for the project site reasonably reflect the fair market value?

☐ No ☒ Yes ☐ Not Applicable

4b. If the answer to question 4a is no, have you considered whether the lower purchase price is because contamination is known or believed to be present at the project site?

☐ No ☐ Yes ☐ Not Applicable

Describe if needed: _____

_____

5a. Are you aware of commonly known or reasonable ascertainable information about the project site that would help the environmental professional to identify conditions indicative of releases or threatened releases?

☒ No ☐ Yes

5b. Do you know the past uses of the project site?

☒ No ☐ Yes

5c. Do you know of specific chemicals that are present or once were present at the project site?

☒ No ☐ Yes

5d. Do you know of spills or other chemical releases that have taken place at the project site?

☒ No ☐ Yes

5e. Do you know of any environmental cleanups that have taken place at the project site?

☒ No ☐ Yes

Describe if needed: _____

_____

6. Do you know of any obvious indicators that point to the presence or likely presence of releases at the project site?

☒ No ☐ Yes

Describe if needed: _____

_____

APPENDIX C

Modera Morrison
1120 SE Morrison Street
Portland, OR 97214

Inquiry Number: 5588209.2s
March 12, 2019

The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

1120 SE MORRISON STREET
PORTLAND, OR 97214

COORDINATES

Latitude (North):	45.5168320 - 45° 31' 0.59''
Longitude (West):	122.6541540 - 122° 39' 14.95''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	527012.6
UTM Y (Meters):	5040207.0
Elevation:	69 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	6067252 PORTLAND, OR
Version Date:	2014

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140630
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
1120 SE MORRISON STREET
PORTLAND, OR 97214

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	HEATING OIL TANK	1120 SE MORRISON ST	OR LUST		TP
A2	BERNSTEIN BROTHERS,	1120 SE MORRISON ST	OR LUST, OR UST		TP
A3	BERNSTEIN BROTHERS,	1120 SE MORRISON ST	FINDS		TP
A4	AJP	1120 SE MORRISON ST	OR RGA LUST		TP
A5	VAUGHAN BESSIE L MRS	1137 BELMONT	EDR Hist Cleaner	Lower	6, 0.001, SSW
A6	STEWART DONALD	804 SE 12TH AVE	EDR Hist Auto	Higher	45, 0.009, ENE
A7	HEATING OIL TANK	1117 SE MORRISON ST	OR LUST, OR UIC	Lower	58, 0.011, NNW
A8	MOMSON TEXACO STATIO	1135 SE MORRISON ST	EDR Hist Auto	Higher	59, 0.011, NNW
A9	HEATING OIL TANK	1200 SE MORRISON ST	OR LUST	Higher	107, 0.020, ENE
A10	MULTNOMAH COUNTY	1040 SE MORRISON ST	OR LUST, OR UST	Lower	107, 0.020, WNW
B11	PIACENTINI PROPERTY	1206 SE BELMONT ST	OR LUST	Higher	128, 0.024, SE
B12	OLDE GAS HOUSE THE	1206 SE BELMONT ST	EDR Hist Auto	Higher	128, 0.024, SE
B13	TVG INC	945 SE 12TH AVE	RCRA-CESQG, FINDS, ECHO	Lower	144, 0.027, SSE
B14	SIMMONS JERRY AUTO B	945 SE 12TH AVE	EDR Hist Auto	Lower	144, 0.027, SSE
C15	BURNHAM ORIE C	1034 BELMONT	EDR Hist Auto	Lower	152, 0.029, SW
C16	CHRIS S SERVICE STAT	1051 BELMONT	EDR Hist Auto	Lower	156, 0.030, WSW
B17	PIACENTINI PROPERTY	914 SE 12TH AVE	OR UST	Higher	157, 0.030, SE
B18	BRADSHAW SERVICE CEN	909 SE 12TH AVE	EDR Hist Auto	Lower	158, 0.030, SSE
B19	MODERA BUCKMAN	909 SE 12TH AVE.	OR ECSI	Lower	158, 0.030, SSE
D20	GEN44 LLC	1205 SE MORRISON ST	OR UST	Higher	162, 0.031, NE
D21	CAMP BOB SERVICE	1205 SE MORRISON ST	EDR Hist Auto	Higher	162, 0.031, NE
D22	GEN44 LLC	1205 SE MORRISON STR	OR LUST	Higher	162, 0.031, NE
B23	CONTROL CONTRACTORS	1235 SE BELMONT	OR UST	Higher	168, 0.032, ESE
C24	PANTORIUM DYE WORKS	1010 BELMONT	EDR Hist Cleaner	Lower	170, 0.032, SW
C25	PANTORIUM DYE WKS	1008 BELMONT	EDR Hist Cleaner	Lower	172, 0.033, WSW
C26	JOY THE TAILOR	1043 BELMONT	EDR Hist Cleaner	Lower	176, 0.033, WSW
C27	GARDNER & RANCHERS P	1004-1036 SE BELMONT	OR LUST	Lower	182, 0.034, SW
C28	GARDNER AND RANCHERS	1004 SE BELMONT ST.	OR ECSI, OR VCP	Lower	182, 0.034, SW
B29	LARRY S GARAGE	1251 BELMONT	EDR Hist Auto	Higher	186, 0.035, ESE
B30	HEATING OIL TANK	1224 SE BELMONT	OR LUST	Higher	204, 0.039, ESE
E31	HARE DOKTOR V W SERV	720 SE 11TH AVE	EDR Hist Auto	Higher	207, 0.039, NNW
D32	REX ARMS APARTMENTS	1230 SE MORRISON ST	RCRA NonGen / NLR	Higher	207, 0.039, ENE
C33	YALE UNION LAUNDRY	800 SE 10TH AVE	EDR Hist Cleaner	Lower	223, 0.042, West
E34	MAR-LAC DISTRIBUTORS	1001 SE MORRISON ST	RCRA NonGen / NLR, FINDS, ECHO	Lower	233, 0.044, WNW
E35	WHITE S AL ALIGNMENT	1001 SE MORRISON	EDR Hist Auto	Lower	233, 0.044, WNW
B36	LAURELHURST CLEANERS	1260 BELMONT	EDR Hist Cleaner	Higher	246, 0.047, ESE
B37	GREINER S GARAGE	1258 BELMONT	EDR Hist Auto	Higher	246, 0.047, ESE
E38	BORDEAUX INC	708 SE 11TH AVE	EDR Hist Cleaner	Higher	260, 0.049, NNW
B39	HEATING OIL TANK	923 SE 13TH AVE	OR LUST	Higher	288, 0.055, SE

MAPPED SITES SUMMARY

Target Property Address:
1120 SE MORRISON STREET
PORTLAND, OR 97214

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
F40	P M X INC	813 SE 10TH AVE	EDR Hist Auto	Lower	307, 0.058, WNW
C41	SUNNYSIDE LAUNDRY	997 BELMONT	EDR Hist Cleaner	Lower	340, 0.064, West
42	HEATING OIL TANK	1007 SE 12TH AVE	OR LUST	Lower	342, 0.065, South
G43	HEATING OIL TANK	900 SE 13TH AVE	OR LUST	Higher	364, 0.069, ESE
F44	PEPPER BOX CAFE	932 SE MORRISON ST #	OR UST	Lower	367, 0.070, West
F45	PEPPER BOX CAFE	932-940 SE MORRISON	OR LUST	Lower	367, 0.070, West
F46	CHIEF OF BRAKES AND	926 SE MORRISON ST	EDR Hist Auto	Lower	392, 0.074, West
G47	STORNS RICHD L	1338 BELMONT	EDR Hist Cleaner	Higher	394, 0.075, ESE
G48	ODEQ SE 13TH DRUG SI	924 SE 13TH	RCRA NonGen / NLR, FINDS, ECHO	Higher	397, 0.075, ESE
F49	METRO METRIC AUTOMOT	715 SE 10TH AVE	RCRA NonGen / NLR, FINDS, ECHO, OR HSIS, OR...	Lower	416, 0.079, NW
H50	PRESTO CLEANERS	1320 SE MORRISON	EDR Hist Cleaner	Higher	433, 0.082, East
F51	BELMONT CLEANERS	923 BELMONT	EDR Hist Cleaner	Lower	434, 0.082, West
H52	PRESTO CLEANERS	1328 SE MORRISON ST	EDR Hist Cleaner	Higher	446, 0.084, East
53	LZB INC DBA EARTH AN	619 SE 12TH AVE	RCRA-CESQG, FINDS, ECHO	Higher	452, 0.086, North
H54	HI S LAUNDROMAT	1336 SE MORRISON	EDR Hist Cleaner	Higher	453, 0.086, East
I55	STANTON CO AUTO C BR	936 SE BELMONT ST	EDR Hist Auto	Lower	455, 0.086, WSW
F56	HARRIS AND KARR	915 SE BELMONT	EDR Hist Auto	Lower	467, 0.088, West
F57	SE 9TH AND BELMONT	915 SE BELMONT STREE	OR LUST	Lower	467, 0.088, West
J58	GLOBE SERVICE STATIO	1002 SE 10TH AVE	EDR Hist Auto	Lower	475, 0.090, SW
G59	NATURE CONSERVANCY O	821 SE 14TH AVE	RCRA-CESQG, FINDS, ECHO	Higher	483, 0.091, East
H60	HEATING OIL TANK	1335 SE MORRISON ST	OR LUST	Higher	509, 0.096, ENE
K61	HEATING OIL TANK	1318 SE YAMHILL ST	OR LUST	Higher	512, 0.097, SE
I62	MILLER S LAUNDERETTE	904 SE BELMONT	EDR Hist Cleaner	Lower	534, 0.101, WSW
F63	NAPA AUTO PARTS	730 SOUTHEAST 9TH	RCRA NonGen / NLR, FINDS, ECHO	Lower	534, 0.101, WNW
L64	UNITED SALAD CO. (GA	939 SE ALDER	OR UST	Lower	541, 0.102, NW
I65	DEWART AND LIVESLEY	930 SE 9TH AVENUE	OR LUST	Lower	542, 0.103, WSW
I66	PIERCE L H AUTO SERV	938 SE 9TH AVE	EDR Hist Auto	Lower	544, 0.103, WSW
I67	WEBERS GARAGE	900 BELMONT	EDR Hist Auto	Lower	544, 0.103, WSW
J68	HIBBARD AND BARR GAR	1037 SE TAYLOR	EDR Hist Auto	Lower	560, 0.106, SSW
M69	UNIQUE PRODUCTS INC	1106 SE TAYLOR ST	RCRA NonGen / NLR, FINDS, ECHO	Lower	593, 0.112, South
I70	KULLBERG PROPERTIES	826 SE BELMONT	OR UST	Lower	634, 0.120, WSW
N71	LEWIS BROS MEATS	1005 SE WASHINGTON S	OR LUST, OR UST	Higher	651, 0.123, NNW
L72	HEATING OIL TANK	820 SE ALDER ST	OR LUST	Lower	668, 0.127, WNW
K73	HEATING OIL TANK	1035 SE 14 AVE	OR LUST	Higher	688, 0.130, SE
74	HEATING OIL TANK	1403 SE ALDER ST	OR LUST	Higher	694, 0.131, ENE
O75	AIR FILTER SALES AND	1138 SE 10TH AVE	RCRA NonGen / NLR, FINDS, ECHO	Lower	715, 0.135, SSW
P76	HEATING OIL TANK	1014 SE 14TH AVE	OR LUST	Higher	730, 0.138, SE
Q77	HONEYWELL PROTECTION	810 SE BELMONT ST	OR UST	Lower	734, 0.139, WSW
Q78	BRIGHT DAY COMMERCIA	810 SE BELMONT ST	OR ECSI, OR VCP	Lower	734, 0.139, WSW

MAPPED SITES SUMMARY

Target Property Address:
1120 SE MORRISON STREET
PORTLAND, OR 97214

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
M79	REACH COMMUNITY DEVE	1135 SE SALMON ST	RCRA-CESQG, FINDS, ECHO	Lower	740, 0.140, South
M80	HEATING OIL TANK	1135 SE SALMON ST	OR LUST	Lower	740, 0.140, South
R81	DCBS OR OSHA OCCUPAT	505 SE 12TH AVE	RCRA-CESQG, FINDS, ECHO, OR MANIFEST	Higher	756, 0.143, North
N82	FASPEC BRITISH PARTS	1036 SE STARK ST	OR LUST, OR UST	Higher	776, 0.147, NNW
M83	PRECISION ELECTRO CO	1124 SE 11TH AVENUE	RCRA-CESQG, FINDS, ECHO, OR MANIFEST	Lower	791, 0.150, South
S84	THOEN TRUCK RENTALS	526 SE 9TH	OR LUST, OR UST	Lower	802, 0.152, NW
O85	OREGON BRASS WORKS	1127 SE 10TH AVE	OR CRL, OR ECSI, OR LUST, OR UST, OR ENG CONTROLS,..	Lower	804, 0.152, SSW
P86	HEATING OIL TANK	1415 SE TAYLOR ST	OR LUST	Higher	812, 0.154, SE
T87	CHILD SERVICE CENTER	531 SE 14TH AVE	OR LUST, OR UST	Higher	815, 0.154, NE
N88	OREGON AUTO SPRING S	920 SE STARK	OR AST, OR HSIS	Lower	848, 0.161, NNW
89	ASSOCIATED HOSE PROD	801 SOUTHEAST ALDER	RCRA NonGen / NLR, FINDS, ECHO	Lower	862, 0.163, WNW
U90	HEATING OIL TANK	926 SE 15TH AVE	OR LUST	Higher	890, 0.169, ESE
91	POWELL DISTRIBUTING	734 SE MORRISON	OR LUST, OR UST	Lower	893, 0.169, West
O92	HEATING OIL TANK	1006 SE SALMON ST	OR LUST	Lower	896, 0.170, SSW
P93	HEATING OIL TANK	1414 SE TAYLOR	OR LUST	Higher	897, 0.170, SE
V94	BALDWIN & FOSTER PRI	1237 SE STARK ST	RCRA NonGen / NLR, FINDS, ECHO	Higher	897, 0.170, NNE
S95	HEATING OIL TANK	910 SE STARK ST	OR LUST	Lower	899, 0.170, NW
U96	HEATING OIL TANK	934 SE 15TH AVENUE	OR LUST	Higher	900, 0.170, ESE
R97	SECURITY SIGNS	436 SE 12TH AVE	RCRA NonGen / NLR, FINDS, ECHO	Higher	904, 0.171, NNE
W98	HEATING OIL TANK	1511 SE MORRISON ST	OR LUST	Higher	915, 0.173, East
Q99	HEATING OIL TANK	731 SE YAMHILL ST	OR LUST	Lower	916, 0.173, WSW
100	ENVIRONMENTAL BUILDI	819 SE TAYLOR ST	RCRA-CESQG, OR MANIFEST	Lower	922, 0.175, SW
P101	HEATING OIL TANK	1010 SE 15 TH AVE	OR LUST	Higher	935, 0.177, ESE
X102	HEATING OIL TANK	1306 SE SALMON ST	OR LUST	Lower	937, 0.177, SSE
Y103	ODEQ TECHNICAL CENTE	1240 SOUTHEAST 12TH	RCRA-CESQG, FINDS, ECHO	Lower	942, 0.178, South
V104	RAINBOW AUTO BODY	1301 SE STARK	RCRA NonGen / NLR, FINDS, ECHO	Higher	947, 0.179, NNE
W105	HEATING OIL TANK	1516-1518 SE ALDER S	OR LUST	Higher	948, 0.180, ENE
Z106	HEATING OIL TANK	537- 539 SE 15TH AVE	OR LUST	Higher	952, 0.180, NE
U107	HEATING OIL TANK	1525 SE BELMONT ST	OR LUST	Higher	962, 0.182, East
AA108	HEATING OIL TANK	1436 SE TAYLOR ST	OR LUST	Higher	973, 0.184, SE
AB109	EXHAUST SPECIALTIES	700 SE BELMONT ST.	OR ECSI, OR VCP	Lower	984, 0.186, West
Y110	CASCADE COIL DRAPERY	1239 SE 12TH AVE	RCRA NonGen / NLR, FINDS, ECHO	Lower	987, 0.187, South
AA111	HEATING OIL TANK	1413 SE SALMON	OR LUST	Higher	987, 0.187, SE
T112	HEATING OIL TANK	1335 SE STARK ST	OR LUST, OR UIC	Higher	990, 0.188, NNE
Z113	HEATING OIL TANK	525 SE 15TH AVE	OR LUST	Higher	994, 0.188, NE
W114	HEATING OIL TANK	1537 SE MORRISON ST	OR LUST	Higher	997, 0.189, East
W115	HEATING OIL TANK	819 SE 16TH AVE	OR LUST	Higher	1001, 0.190, East
U116	HEATING OIL TANK	907 SE 16TH AVE	OR LUST	Higher	1006, 0.191, East
AB117	HEATING OIL TANK	928-940 SE 7TH	OR LUST	Lower	1010, 0.191, WSW

MAPPED SITES SUMMARY

Target Property Address:
1120 SE MORRISON STREET
PORTLAND, OR 97214

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
Z118	HEATING OIL TANK	602 SE 15TH AVE	OR LUST	Higher	1010, 0.191, ENE
119	FRICTION PRODUCTS MF	1001 SE MAIN ST	RCRA NonGen / NLR, FINDS, ECHO	Lower	1019, 0.193, SSW
V120	HEATING OIL TANK	400 SE 12TH AVE	OR LUST	Higher	1020, 0.193, North
AC121	HEATING OIL TANK	1136 SE OAK ST	OR LUST	Higher	1039, 0.197, North
AA122	HEATING OIL TANK	1435 SE SALMON ST.	OR LUST	Higher	1056, 0.200, SE
AD123	HEATING OIL TANK	1020 SE 7TH	OR LUST	Lower	1077, 0.204, WSW
AB124	AIR PRODUCTS AND CHE	915 SE 7TH AVE	RCRA NonGen / NLR, FINDS, ECHO	Lower	1086, 0.206, West
AB125	PERRIN PROPERTY	931 SE 7TH AVE	OR LUST	Lower	1092, 0.207, WSW
V126	BATASCH FAMILY TRUST	1324 SE OAK	OR LUST, OR UST	Higher	1098, 0.208, NNE
AE127	HEATING OIL TANK	926 SE OAK STREET	OR LUST	Higher	1099, 0.208, NNW
AF128	FORWARDERS TRANSFER	1240 SE 9TH AVE	RCRA NonGen / NLR, FINDS, ECHO	Lower	1099, 0.208, SSW
AG129	CITIZENS GRAPHIC ART	709 SE 7TH AVE	RCRA NonGen / NLR, FINDS, ECHO, OR MANIFEST	Lower	1105, 0.209, WNW
AE130	BRESSIE CO	922 SE OAK ST	RCRA NonGen / NLR, FINDS, ECHO	Higher	1105, 0.209, NNW
AH131	PACIFIC COLOR PLATE	425 SE 9TH AVE	RCRA NonGen / NLR	Lower	1110, 0.210, NW
AH132	HEATING OIL TANK	425 SE 9TH AVE	OR LUST	Lower	1110, 0.210, NW
AI133	HEATING OIL TANK	603 SE 16TH AVE	OR LUST	Higher	1116, 0.211, ENE
AJ134	CARSON OIL - SE 8TH	1208 SE 8TH AVE.	OR ECSI, OR LUST, OR UIC	Lower	1122, 0.213, SW
AJ135	CARSON OIL CO INC	1208 SE 8TH AVE	OR LUST, OR UST	Lower	1122, 0.213, SW
AK136	HEATING OIL TANK	1421 SE STARK ST	OR LUST	Higher	1131, 0.214, NE
AL137	HEATING OIL TANK	824 SE 16TH	OR LUST	Higher	1133, 0.215, East
AA138	HEATING OIL TANK	1507 SE SALMON STREE	OR LUST	Higher	1137, 0.215, SE
139	PIERRE'S FRENCH BAKE	1011 SE OAK ST	OR LUST, OR UST	Higher	1155, 0.219, NNW
AH140	HEATING OIL TANK	820 SE SANDY BLVD	OR LUST	Lower	1156, 0.219, NW
X141	HEATING OIL TANK	1306 SE MAIN ST	OR LUST	Lower	1169, 0.221, SSE
AH142	HEATING OIL TANK	834 SE SANDY BLVD	OR LUST	Lower	1177, 0.223, NNW
AM143	HEATING OIL TANK	1304 SE MAIN ST	OR LUST	Lower	1182, 0.224, SSE
AK144	HEATING OIL TANK	1400 SE OAK	OR LUST	Higher	1182, 0.224, NNE
AG145	7TH & ALDER CARDLOCK	635 SE 7TH	OR LUST, OR UST, OR HSIS	Lower	1189, 0.225, WNW
AM146	HEATING OIL TANK	1315 SE 13TH AVE UNI	OR LUST	Lower	1194, 0.226, SSE
AM147	HEATING OIL TANK	1314 SE MAIN ST	OR LUST	Lower	1197, 0.227, SSE
AI148	HEATING OIL TANK	525 SE 16TH AVE	OR LUST	Higher	1200, 0.227, NE
AD149	HEATING OIL TANK	630 SE YAMHILL STREE	OR LUST	Lower	1202, 0.228, WSW
AN150	HEATING OIL TANK	1024 SE 16TH	OR LUST	Higher	1209, 0.229, ESE
AF151	HEATING OIL TANK	811 SE MAIN ST	OR LUST	Lower	1211, 0.229, SW
AC152	PORTLAND COMPRESSOR	310 SE 12TH AVE	RCRA-CESQG, FINDS, ECHO	Higher	1214, 0.230, North
AI153	HEATING OIL TANK	612 SE 16TH AVE	OR LUST	Higher	1219, 0.231, ENE
AO154	HEATING OIL TANK	600 SE BELMONT ST #6	OR LUST	Lower	1251, 0.237, West
AL155	ACTION TECHNOLOGY SY	835 SE 17TH AVENUE	OR LUST, OR UST	Higher	1261, 0.239, East
AG156	SPIKES AUTO UPHOLSTE	726 SE 6TH AVE.	OR ECSI, OR VCP	Lower	1275, 0.241, WNW

MAPPED SITES SUMMARY

Target Property Address:
1120 SE MORRISON STREET
PORTLAND, OR 97214

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
AL157	HEATING OIL TANK	1635 SE MORRISON STR	OR LUST	Higher	1276, 0.242, East
AO158	STANDARD SUPPLY COMP	934 SE 6TH AVE	OR UST	Lower	1280, 0.242, WSW
AP159	HEATING OIL TANK	713-717 SE 17TH AVEN	OR LUST	Higher	1283, 0.243, ENE
AG160	DAVID EMMITE PHOTOGR	615 SE ALDER STE 300	RCRA NonGen / NLR, FINDS, ECHO	Lower	1284, 0.243, WNW
AQ161	HEATING OIL TANK	1414 SE MAIN ST	OR LUST	Lower	1306, 0.247, SSE
AI162	HEATING OIL TANK	524 SE 16TH	OR LUST	Higher	1316, 0.249, ENE
163	HEATING OIL TANK	1126 SE 16TH AVE	OR LUST	Higher	1329, 0.252, ESE
AR164	CUSTOM STAMPING SITE	1340 SE 9TH AVE.	OR ECSI, OR LUST, OR VCP	Lower	1338, 0.253, SSW
AI165	HEATING OIL TANK	1621 SE WASHINGTON S	OR LUST	Higher	1358, 0.257, ENE
166	HEATING OIL TANK	1336 SE PINE ST	OR LUST	Higher	1368, 0.259, NNE
AS167	HEATING OIL TANK	626 SE STARK ST	OR LUST	Lower	1372, 0.260, NW
168	REFRIGERATION SUPPLI	740 SE OAK STREET	OR LUST, OR UST	Lower	1382, 0.262, NW
AT169	MOORE, DAVE	1120 SE MADISON ST	OR LUST	Lower	1386, 0.262, South
AN170	HEATING OIL TANK	1636 SE TAYLOR ST	OR LUST	Higher	1391, 0.263, ESE
AU171	OR FLOWER GROWERS AS	1106 SE 6TH AVE	OR LUST, OR UST	Lower	1404, 0.266, WSW
AQ172	HEATING OIL TANK	1330-36 SE 14TH AVE	OR LUST	Lower	1404, 0.266, SSE
AP173	HEATING OIL TANK	1705 SE MORRISON	OR LUST	Higher	1411, 0.267, East
AV174	HEATING OIL TANK	519-535 SE MORRISON	OR LUST	Lower	1412, 0.267, West
AW175	HEATING OIL TANK	1533 SE MAIN ST	OR LUST	Higher	1424, 0.270, SE
AX176	HEATING OIL TANK	1304 SE MADISON STRE	OR LUST	Lower	1431, 0.271, SSE
AR177	HEATING OIL TANK	940 SE MADISON ST	OR LUST	Lower	1445, 0.274, SSW
AY178	HEATING OIL TANK	1716 SE BELMONT	OR LUST	Higher	1456, 0.276, East
AU179	HEATING OIL TANK	1105 SE 6TH	OR LUST	Lower	1457, 0.276, WSW
AS180	HEATING OIL TANK	600 SE STARK ST	OR LUST	Lower	1457, 0.276, WNW
AP181	HEATING OIL TANK	1714 SE ALDER	OR LUST	Higher	1459, 0.276, ENE
AY182	HEATING OIL TANK	1718 SE BELMONT	OR LUST	Higher	1461, 0.277, East
AQ183	HEATING OIL TANK	1337 SE 15TH AVENUE	OR LUST	Lower	1472, 0.279, SSE
AU184	CALDWELL PROPERTY	521 SE TAYLOR ST.	OR LUST	Lower	1488, 0.282, WSW
AZ185	HEATING OIL TANK	1404 SE MADISON STRE	OR LUST	Lower	1516, 0.287, SSE
BA186	HEATING OIL TANK	1310 SE 7TH AVENUE	OR LUST	Lower	1516, 0.287, SW
AT187	BRADSHAW AUTO SERVIC	1021 SE HAWTHORNE BL	OR LUST	Lower	1518, 0.287, South
BB188	HEATING OIL TANK	536 SE 17TH AVE	OR LUST	Higher	1521, 0.288, ENE
BC189	HEATING OIL TANK	335 SE 16TH AVE	OR LUST	Higher	1532, 0.290, NE
AX190	HEATING OIL TANK	1309 SE HAWTHORNE	OR LUST	Lower	1534, 0.291, South
BD191	HULME, ROBERT H	221 SE 11TH AVE	OR LUST, OR UST	Higher	1544, 0.292, North
AV192	HEATING OIL TANK	720 SE GRAND AVE	OR LUST	Lower	1551, 0.294, West
AS193	OREGON PLATING COMPA	436 SE 6TH AVE	RCRA-CESQG, OR ECSI, OR VCP, OR SPILLS, EPA WATCH..	Lower	1554, 0.294, NW
AU194	HEATING OIL TANK	602 SE SALMON ST	OR LUST	Lower	1558, 0.295, WSW
BE195	SPACE AGE FUELS	1237 SE HAWTHORNE BL	OR LUST, OR UST, RCRA NonGen / NLR, FINDS, ECHO	Lower	1569, 0.297, South

MAPPED SITES SUMMARY

Target Property Address:
1120 SE MORRISON STREET
PORTLAND, OR 97214

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
AY196	HEATING OIL TANK	1742 SE BELMONT STRE	OR LUST	Higher	1573, 0.298, East
AX197	HEATING OIL TANK	1335 SE HAWTHORNE BL	OR LUST	Lower	1576, 0.298, SSE
AW198	HEATING OIL TANK	1623 SE MAIN	OR LUST	Higher	1578, 0.299, SE
BD199	HEATING OIL TANK	1030 SE ASH	OR LUST	Higher	1595, 0.302, North
BF200	GRAND AVENUE 7-ELEVE	1024 SE GRAND AVE.	OR ECSI, OR VCP	Lower	1596, 0.302, WSW
BC201	HEATING OIL TANK	320 SE 16TH	OR LUST, OR HAZMAT, OR UIC	Higher	1611, 0.305, NE
AZ202	HEATING OIL TANK	1413 SE 15TH AVE	OR LUST	Lower	1613, 0.305, SSE
BA203	BROADWAY ELECTRIC IN	626 SE MAIN	OR LUST, OR UST	Lower	1623, 0.307, SW
BC204	HEATING OIL TANK	301 SE 16TH AVE	OR LUST	Higher	1629, 0.309, NE
BG205	HEATING OIL TANK	1730 SE TAYLOR STREE	OR LUST	Higher	1629, 0.309, ESE
BH206	HEATING OIL TANK	1504 SE MADISON	OR LUST	Lower	1636, 0.310, SSE
BI207	HEATING OIL TANK	1802 SE MORRISON	OR LUST	Higher	1642, 0.311, East
BJ208	HEATING OIL TANK	425 SE 6TH	OR LUST	Lower	1650, 0.312, NW
BE209	BOTTORF PROPERTY	1212 SE HAWTHORNE BL	OR LUST	Lower	1660, 0.314, South
BI210	HEATING OIL TANK	718 SE 18TH	OR LUST	Higher	1661, 0.315, East
BH211	HEATING OIL TANK	1512 SE MADISON ST	OR LUST	Lower	1661, 0.315, SE
BB212	HEATING OIL TANK	521 SE 18TH AVE	OR LUST	Higher	1663, 0.315, ENE
BI213	HEATING OIL TANK	710 SE 18TH AVE	OR LUST	Higher	1664, 0.315, East
BK214	MR CAR WASH	510 SE GRAND AVE	OR LUST, RCRA NonGen / NLR, ICIS, FINDS, ECHO	Lower	1682, 0.319, WNW
BK215	MR. CAR WASH, LLC	510 SE GRAND AVE	OR LUST, OR UST	Lower	1682, 0.319, WNW
BK216	JACKSON FOOD STORES	621 SE GRAND AVE	OR LUST, OR UST, OR AIRS	Lower	1684, 0.319, WNW
AZ217	HEATING OIL TANK	1435 SE HAWTHORNE BL	OR LUST, OR UIC	Lower	1686, 0.319, SSE
BI218	HEATING OIL TANK	1812-1818 SE MORRISO	OR LUST	Higher	1692, 0.320, East
BJ219	HEATING OIL TANK	340 SE 6TH AVE	OR LUST	Lower	1697, 0.321, NW
BF220	BROWN OLDSMOBILE CO.	1005 SE GRAND AVE	OR LUST, OR UST	Lower	1709, 0.324, WSW
BE221	SWEET HOME DIVISION	1524 SE LADD AVE	OR LUST, OR UST	Lower	1726, 0.327, South
BH222	HEATING OIL TANK	1407 SE 16TH	OR LUST	Lower	1727, 0.327, SE
223	HEATING OIL TANK	234 SE 7TH	OR LUST, OR HAZMAT	Lower	1739, 0.329, NW
BE224	LADD'S GAS & FOOD	1525 SE LADD AVE	OR LUST, OR UST, OR AIRS	Lower	1739, 0.329, South
BL225	HEATING OIL TANK	1717 SE MAIN ST	OR LUST	Higher	1748, 0.331, SE
BM226	HEATING OIL TANK	114 SE 12TH AVE	OR LUST	Higher	1750, 0.331, North
BN227	HEATING OIL TANK	1513 SE MAPLE	OR LUST	Lower	1756, 0.333, SSE
BN228	JERRY HERING	1426 SE HAWTHORNE BO	OR LUST	Lower	1768, 0.335, SSE
BN229	HEATING OIL TANK	1540 SE LADD AVE	OR LUST	Lower	1779, 0.337, South
BJ230	BROAD SPECTRUM ELECT	424 SE GRAND AV	SEMS-ARCHIVE	Lower	1780, 0.337, WNW
BJ231	BROAD SPECTRUM ELECT	422 SE GRAND AVE.	OR ECSI	Lower	1781, 0.337, WNW
BO232	IMAGE CONTROL SYSTEM	310 SE 6TH AVE	OR LUST, OR UST	Lower	1784, 0.338, NW
BP233	HEATING OIL TANK	711 SE 19TH AVE	OR LUST	Higher	1790, 0.339, East
BM234	HEATING OIL TANK	1122 SE ANKENY STREE	OR LUST	Higher	1791, 0.339, North

MAPPED SITES SUMMARY

Target Property Address:
1120 SE MORRISON STREET
PORTLAND, OR 97214

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MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
BK235	HEATING OIL TANK	509 SE GRAND AVE	OR LUST	Lower	1811, 0.343, WNW
236	BILLINGS & CRONN COM	1535 SE 9TH AVE	OR LUST, OR UST	Lower	1826, 0.346, SSW
BL237	HEATING OIL TANK	1233 SE 18TH AVE	OR LUST	Higher	1829, 0.346, SE
BN238	HEATING OIL TANK	1529 SE MAPLE AVENUE	OR LUST	Lower	1830, 0.347, SSE
BQ239	HEATING OIL TANK	1532 SE ASH	OR LUST	Higher	1834, 0.347, NNE
BQ240	HEATING OIL TANK	222 SE 16TH AVE	OR LUST	Higher	1842, 0.349, NE
BG241	HEATING OIL TANK	1824 SE TAYLOR STREE	OR LUST	Higher	1851, 0.351, ESE
BR242	KNEZ BUILDING MATERI	519 SE MAIN ST	WA SWRCY	Lower	1860, 0.352, SW
BS243	HEATING OIL TANK	601 SE MADISON	OR LUST	Lower	1864, 0.353, SW
BT244	HEATING OIL TANK	1216 SE 18TH	OR LUST	Higher	1879, 0.356, ESE
BR245	MR FORMAL INC	1205 SE GRAND AVE	RCRA-CESQG, OR ECSI, OR VCP, OR MANIFEST	Lower	1881, 0.356, WSW
BU246	HEATING OIL TANK	1500 SE HAWTHORNE BL	OR LUST	Lower	1882, 0.356, SSE
BV247	OECO CORP. - PORTLAN	712 SE HAWTHORNE BLV	OR ECSI, OR VCP	Lower	1909, 0.362, SSW
BV248	OECO CORP	712 SE HAWTHORNE BLD	SEMS-ARCHIVE, RCRA NonGen / NLR	Lower	1909, 0.362, SSW
BL249	HEATING OIL TANK	1734 SE MAIN ST	OR LUST	Higher	1910, 0.362, SE
BW250	LADD INN TAVERN	1204 SE CLAY ST	OR LUST	Lower	1911, 0.362, South
BN251	HEATING OIL TANK	1541 SE MAPLE AVE	OR LUST	Lower	1914, 0.363, SSE
BQ252	HEATING OIL TANK	204 SE 16TH AVE	OR LUST	Higher	1916, 0.363, NE
BW253	HEATING OIL TANK	1549 SE LADD AVENUE	OR LUST	Lower	1917, 0.363, South
BN254	HEATING OIL TANK	1620 SE LADD AVE	OR LUST	Lower	1920, 0.364, SSE
BV255	HEATING OIL TANK	700 SE HAWTHORNE BLV	OR LUST	Lower	1926, 0.365, SSW
BU256	HEATING OIL TANK	1556 SE MAPLE AVE	OR LUST	Lower	1928, 0.365, SSE
BO257	WENTWORTH CHEVROLET	210 SE 6TH AVE	OR LUST, OR UST	Lower	1937, 0.367, NW
258	HEATING OIL TANK	1727 SE MADISON STRE	OR LUST	Higher	1946, 0.369, SE
259	HEATING OIL TANK	109 SE 8TH OR 734 SE	OR LUST	Higher	1960, 0.371, NNW
BP260	HEATING OIL TANK	1916 SE ALDER ST	OR LUST	Higher	1965, 0.372, East
BU261	HEATING OIL TANK	1544 SE HAWTHORNE BL	OR LUST	Lower	1971, 0.373, SSE
BM262	HEATING OIL TANK	1250 E BURNSIDE ST	OR LUST	Higher	1986, 0.376, North
BS263	RTC	601 SE HAWTHORNE	OR LUST	Lower	1996, 0.378, SW
BX264	HEATING OIL TANK	1638 SE LADD AVE	OR LUST	Lower	2000, 0.379, SSE
BT265	HEATING OIL TANK	1808 SE MAIN ST	OR LUST	Higher	2003, 0.379, SE
266	HEATING OIL TANK	534 SE 19TH AVE	OR LUST	Higher	2008, 0.380, ENE
267	HEATING OIL TANK	1516 SE ANKENY ST	OR LUST	Higher	2012, 0.381, NNE
BU268	HEATING OIL TANK	1509 SE HOLLY ST	OR LUST	Lower	2016, 0.382, SSE
BY269	AMATO BROTHERS ENTER	515 SE MARTIN LUTHER	OR LUST	Lower	2022, 0.383, WNW
270	HEATING OIL TANK	1632 SE 11TH	OR LUST	Lower	2026, 0.384, South
BZ271	HEATING OIL TANK	10 SE 10TH AVE	OR LUST	Higher	2027, 0.384, North
BU272	HEATING OIL TANK	1517 SE HOLLY ST	OR LUST	Lower	2039, 0.386, SSE
BX273	HEATING OIL TANK	1644 SE LADD AVE	OR LUST	Lower	2044, 0.387, SSE

MAPPED SITES SUMMARY

Target Property Address:
1120 SE MORRISON STREET
PORTLAND, OR 97214

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MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
CA274	HEATING OIL TANK	1980 SE MORRISON ST	OR LUST	Higher	2051, 0.388, East
BZ275	HEATING OIL TANK	1040 E BURNSIDE ST	OR LUST	Higher	2053, 0.389, North
BZ276	HIPPO HARDWARE AND T	1040 E. BURNSIDE ST	WA SWRCY	Higher	2053, 0.389, North
BZ277	HEATING OIL TANK	1000 E BURNSIDE ST	OR LUST	Higher	2061, 0.390, North
CB278	HEATING OIL TANK	1706 SE ASH STREET	OR LUST	Higher	2065, 0.391, NE
CC279	GOFORTH, P HOT	538 SE ASH	OR LUST, FINDS	Lower	2066, 0.391, NW
CD280	HEATING OIL TANK	1936 SE ALDER	OR LUST	Higher	2068, 0.392, East
BU281	HEATING OIL TANK	1543 SE HOLLY ST	OR LUST	Lower	2089, 0.396, SSE
282	A-N-T TIRE & WHEEL	437 SE UNION AVE	OR LUST, OR UST	Lower	2101, 0.398, WNW
CE283	HEATING OIL TANK	910 E BURNSIDE ST	OR LUST	Higher	2103, 0.398, NNW
CF284	TRASHCO INC.	1630 SE 8TH AVE	OR LUST, OR SPILLS	Lower	2113, 0.400, SSW
CG285	HEATING OIL TANK	1810 SE PINE ST	OR LUST	Higher	2113, 0.400, NE
CC286	HEATING OIL TANK	237 SE MLK JR. BLVD	OR LUST	Lower	2122, 0.402, NW
BY287	HEATING OIL TANK	437 SE MLK JR BLVD	OR LUST	Lower	2124, 0.402, WNW
CF288	HEATING OIL TANK	700 SE CLAY ST	OR LUST	Lower	2142, 0.406, SSW
CA289	BATTERY X-CHANGE	2003 SE BELMONT	OR LUST, OR UST	Higher	2159, 0.409, East
CE290	HEATING OIL TANK	800 E BURNSIDE ST	OR LUST, OR CDL, OR HAZMAT	Higher	2160, 0.409, NNW
CH291	HEATING OIL TANK	1831 SE MADISON ST	OR LUST	Higher	2161, 0.409, SE
CB292	HEATING OIL TANK	1732 SE ASH ST	OR LUST	Higher	2167, 0.410, NE
BZ293	HEATING OIL TANK	1027 E BURNSIDE	OR LUST	Higher	2172, 0.411, North
294	HEATING OIL TANK	1923 SE STARK	OR LUST	Higher	2182, 0.413, ENE
CI295	NOR-AIR BUILDING	933 SE 3RD ST	OR LUST, OR UST	Lower	2186, 0.414, West
CG296	HEATING OIL TANK	1836 SE PINE STREET	OR LUST	Higher	2194, 0.416, NE
CB297	HEATING OIL TANK	1715 SE ASH	OR LUST	Higher	2196, 0.416, NE
CD298	HEATING OIL TANK	630 SE 20TH AVE	OR LUST	Higher	2203, 0.417, ENE
CJ299	HEATING OIL TANK	1615 SE HOLLY	OR LUST	Lower	2217, 0.420, SE
CK300	HEATING OIL TANK	1615 SE MAPLE AVE	OR LUST	Lower	2221, 0.421, SSE
BX301	HEATING OIL TANK	1719 SE LADD AVE	OR LUST	Lower	2229, 0.422, SSE
CB302	HEATING OIL TANK	114 SE 17TH AVE	OR LUST	Higher	2236, 0.423, NE
CG303	HEATING OIL TANK	1846 SE PINE ST	OR LUST	Higher	2237, 0.424, NE
CB304	HEATING OIL TANK	1725 SE ASH ST	OR LUST	Higher	2245, 0.425, NE
CJ305	HEATING OIL TANK	1625 SE HOLLY ST	OR LUST	Lower	2245, 0.425, SE
CI306	HEATING OIL TANK	202 SE YAMHILL	OR LUST	Lower	2264, 0.429, West
CL307	HEATING OIL TANK	1727 SE LADD AVENUE	OR LUST	Lower	2264, 0.429, SSE
CH308	HEATING OIL TANK	1834 SE MADISON AVEN	OR LUST	Higher	2269, 0.430, SE
CE309	HEATING OIL TANK	835 E BURNSIDE ST	OR LUST	Higher	2271, 0.430, NNW
CM310	HEATING OIL TANK	1737 SE 12TH AVE	OR LUST	Lower	2286, 0.433, South
CN311	FREE GEEK	1731 SE 10TH AVENUE	WA SWRCY	Lower	2289, 0.434, South
CN312	PACIFIC TOWN AND CAR	1750 SE 9TH AVE	OR LUST	Lower	2302, 0.436, SSW

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MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
CJ313	HEATING OIL TANK	1606 SE HOLLY ST	OR LUST	Lower	2304, 0.436, SSE
314	HEATING OIL TANK	2015 SE SALMON ST	OR LUST	Higher	2317, 0.439, ESE
CO315	BROADSTONE ANTHEM	1337 E BURNSIDE STRE	OR LUST, OR NPDES, OR UIC	Higher	2321, 0.440, NNE
CP316	HEATING OIL TANK	200 SE MLK JR BLVD	OR LUST	Lower	2334, 0.442, NW
CP317	INDUSTRIAL HOME (FOR	200 SE M L KING BLVD	OR LUST, OR UST	Lower	2334, 0.442, NW
CJ318	HEATING OIL TANK	1661 SE HOLLY ST	OR LUST	Higher	2337, 0.443, SE
CO319	BROADSTONE BURNSIDE	20 NE 14TH AVENUE	OR LUST, OR NPDES, OR UIC	Higher	2340, 0.443, NNE
CK320	HEATING OIL TANK	1442 SE PALM ST	OR LUST	Lower	2356, 0.446, SSE
CJ321	HEATING OIL TANK	1630 SE HOLLY STREET	OR LUST	Lower	2374, 0.450, SE
322	WENTWORTH CHEVROLET	107 SE GRAND AVE	OR LUST, OR AIRS	Lower	2394, 0.453, NW
CL323	HEATING OIL TANK	1818 SE MULBERRY AVE	OR LUST	Lower	2402, 0.455, South
CJ324	HEATING OIL TANK	1640 SE HOLLY ST	OR LUST	Lower	2411, 0.457, SE
CQ325	HEATING OIL TANK	15 SE 6TH AVENUE	OR LUST	Higher	2421, 0.459, NW
CR326	HEATING OIL TANK	2011 SE MAIN ST	OR LUST	Higher	2425, 0.459, ESE
CS327	HEATING OIL TANK	201 SE WASHINGTON	OR LUST	Lower	2428, 0.460, WNW
328	HEATING OIL TANK	SE THIRD & PINE (SE	OR LUST	Lower	2433, 0.461, WNW
CT329	HEATING OIL TANK	130 SE MORRISON	OR LUST	Lower	2448, 0.464, West
CR330	HEATING OIL TANK	1306 SE 20TH AVE	OR LUST	Higher	2451, 0.464, ESE
CU331	HEATING OIL TANK	1518 SE POPLAR AVE	OR LUST	Higher	2453, 0.465, SE
CR332	HEATING OIL TANK	2021 SE MAIN ST	OR LUST	Higher	2454, 0.465, ESE
CU333	HEATING OIL TANK	1524 SE POPLAR AVENU	OR LUST	Higher	2458, 0.466, SE
334	GERMAN FORMULA	100 NE 11TH AVE	OR LUST, OR UST	Higher	2459, 0.466, North
335	HEATING OIL TANK	1932 SE MADISON ST	OR LUST	Higher	2461, 0.466, SE
CV336	ALPINE FOOD DISTRIBU	205 SE STARK ST	OR LUST	Lower	2465, 0.467, WNW
337	HEATING OIL TANK	935 NE COUCH ST	OR LUST	Higher	2465, 0.467, North
338	HEATING OIL TANK	1718 SE 16TH AVE	OR LUST	Lower	2465, 0.467, SSE
339	SURBURBIA STUDIOS	632 SE MARKET ST	OR LUST, OR UST	Lower	2467, 0.467, SSW
CO340	PORTLAND BOTTLING CO	1321 NE COUCH ST	OR LUST, OR UST, OR AST, OR SPILLS, OR HSIS	Higher	2472, 0.468, NNE
CW341	HEATING OIL TANK	235 SE 20TH AVE	OR LUST	Higher	2473, 0.468, NE
CX342	HEATING OIL TANK	1818 SE LADD AVE	OR LUST	Lower	2481, 0.470, SSE
CM343	HEATING OIL TANK	1816 SE 12TH AVE	OR LUST	Lower	2486, 0.471, South
CY344	HEATING OIL TANK	2115 SE YAMHILL	OR LUST	Higher	2486, 0.471, East
CZ345	1706 E BURNSIDE	1706 E BURNSIDE	OR ECSI, OR VCP	Higher	2489, 0.471, NE
CV346	HEATING OIL TANK	204 SE OAK ST	OR LUST	Lower	2492, 0.472, WNW
DA347	CONSOLIDATED ELEC. D	111-115 SE YAMHILL S	OR ECSI	Lower	2492, 0.472, West
DA348	HEATING OIL TANK	115 SE YAMHILL ST	OR LUST	Lower	2492, 0.472, West
DB349	HEATING OIL TANK	1829 SE MULBERRY AVE	OR LUST	Lower	2496, 0.473, South
DC350	HEATING OIL TANK	1824 SE ANKENY	OR LUST	Higher	2501, 0.474, NE
351	MERCHANTS MOTORCYCLE	1810 SE 10TH	OR LUST, OR UST, OR HSIS	Lower	2506, 0.475, South

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CU352	HEATING OIL TANK	1550 SE POPLAR	OR LUST	Higher	2507, 0.475, SE
CW353	HEATING OIL TANK	2006 SE PINE ST	OR LUST	Higher	2509, 0.475, ENE
354	HEATING OIL TANK	307 SE HAWTHORNE	OR LUST	Lower	2511, 0.476, SW
CP355	SALVATION ARMY FACIL	139 SE MARTIN LUTHER	OR CRL, OR ECSI, OR ENG CONTROLS, OR VCP, OR...	Lower	2513, 0.476, NW
CX356	HEATING OIL TANK	1828 SE LADD AVENUE	OR LUST	Lower	2519, 0.477, SSE
CM357	HEATING OIL TANK	1825 SE 12TH AVENUE	OR LUST	Lower	2521, 0.477, South
CW358	HEATING OIL TANK	1926 SE ASH	OR LUST	Higher	2533, 0.480, NE
CY359	HEATING OIL TANK	2122-2128 SE BELMONT	OR LUST	Higher	2538, 0.481, East
DD360	HEATING OIL TANK	2115 SE MORRISON	OR LUST	Higher	2544, 0.482, East
CT361	GRAND & BENEDICTS BL	111 SE BELMONT	OR LUST	Lower	2547, 0.482, West
362	HEATING OIL TANK	201 SE OAK ST	OR LUST	Lower	2547, 0.482, WNW
CP363	SALVATION ARMY REHAB	139 SE MARTIN LUTHER	OR LUST	Lower	2558, 0.484, NW
364	HEATING OIL TANK	1753 SE MAPLE ST	OR LUST	Lower	2565, 0.486, SSE
DE365	HEATING OIL TANK	2113 SE SALMON	OR LUST	Higher	2565, 0.486, ESE
CX366	HEATING OIL TANK	1829-1831 SE LADD AV	OR LUST	Lower	2570, 0.487, SSE
DF367	HEATING OIL TANK	1300 SE 2ND AVENUE	OR LUST	Lower	2572, 0.487, WSW
DF368	EAST SIDE PLATING -	1300/1304 SE 2ND AVE	OR ECSI	Lower	2572, 0.487, WSW
CS369	HEATING OIL TANK	107 SE WASHINGTON ST	OR LUST	Lower	2572, 0.487, WNW
CW370	HEATING OIL TANK	2005 SE PINE ST	OR LUST	Higher	2574, 0.488, ENE
CZ371	HEATING OIL TANK	1705 E BURNSIDE ST	OR LUST	Higher	2587, 0.490, NNE
372	HEATING OIL TANK	1923 SE ASH ST	OR LUST	Higher	2587, 0.490, NE
CS373	DEALERS SUPPLY COMPA	110 SE WASHINGTON	OR LUST, OR UST, OR MANIFEST	Lower	2594, 0.491, WNW
DE374	HEATING OIL TANK	2126 SE TAYLOR ST	OR LUST	Higher	2595, 0.491, ESE
CQ375	HEATING OIL TANK	515 E BURNSIDE ST	OR LUST	Higher	2598, 0.492, NNW
376	HEATING OIL TANK	1717 SE HAZEL ST	OR LUST	Lower	2601, 0.493, SE
CZ377	HEATING OIL TANK	1715 E BURNSIDE ST	OR LUST	Higher	2611, 0.495, NE
378	7-ELEVEN FOOD STORE	1930 SE HAWTHORNE BL	OR LUST	Higher	2612, 0.495, SE
CR379	HEATING OIL TANK	2101 SE MAIN ST	OR LUST	Higher	2622, 0.497, ESE
380	INSTRUMENT SALES & S	33 NE 6TH AVE	OR LUST, OR UST	Higher	2626, 0.497, NNW
DC381	HEATING OIL TANK	1831 SE ANKENY	OR LUST	Higher	2630, 0.498, NE
DD382	TICE ELECTRIC COMPAN	2139 SE BELMONT ST	OR LUST, OR UST	Higher	2634, 0.499, East
DB383	HEATING OIL TANK	1925 SE LARCH AVE	OR LUST	Lower	2639, 0.500, South
384	HEATING OIL TANK	2023 SE MADISON	OR LUST	Higher	2640, 0.500, ESE
385	PORTLAND LAUNDRY BUI	1740 SE GRAND AVE.	OR CRL, OR ECSI, OR INST CONTROL, OR BROWNFIELDS	Higher	2710, 0.513, SW
386	NW CAST METAL PRODUC	79 SE TAYLOR ST.	OR ECSI	Lower	2749, 0.521, WSW
387	GOODWILL INDUSTRIES	1812 SE 6TH AVE.	OR ECSI, OR VCP, OR BROWNFIELDS	Lower	2763, 0.523, SSW
DG388	EAST PORTLAND GAS WO	110 SE 2ND AVE. & 5	EDR MGP	Lower	2784, 0.527, NW
DG389	5 MLK	5 SE M L KING BLVD	OR ECSI, OR LUST, OR VCP, OR NPDES	Lower	2806, 0.531, NW
390	BLOCK 76/67 SITE	15 NE MARTIN LUTHER	OR ECSI, OR VCP, OR BROWNFIELDS	Lower	2867, 0.543, NW

MAPPED SITES SUMMARY

Target Property Address:
1120 SE MORRISON STREET
PORTLAND, OR 97214

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
391	E PORTLAND GAS WORKS	110 SE 2ND AVE.	OR ECSI	Lower	2881, 0.546, NW
DG392	PORTLAND GAS LIGHT C	SE ANKENY ST	EDR MGP	Lower	2895, 0.548, NW
DG393	TOWNE STORAGE PROPER	17 SE 3RD AVE	OR ECSI, OR LUST, OR VCP	Lower	2916, 0.552, NW
394	REXEL/TAYLOR ELECTRI	240 SE CLAY ST.	OR ECSI, OR VCP, OR BROWNFIELDS, OR SPILLS	Lower	2941, 0.557, SW
DH395	PRATT & LARSON TILE	1204-1216 SE WATER A	OR ECSI, OR VCP	Lower	2958, 0.560, WSW
DH396	ODOT-CENTRAL EASTSID	SE WATER AVE. BETWEE	OR ECSI, OR VCP	Lower	2984, 0.565, WSW
397	KOPPY PROPERTY	1642 NE SANDY BLVD.	OR ECSI, OR BROWNFIELDS, OR MANIFEST	Higher	2989, 0.566, NNE
398	LANDON THREE LLC	2011 SE 10TH AVE.	OR ECSI, OR VCP	Lower	3033, 0.574, South
399	BLOCK 75	111 NE MARTIN LUTHER	OR ECSI, OR VCP	Lower	3057, 0.579, NW
400	THROWAWAY BIT CORP.	624 NE EVERETT ST.	OR ECSI, OR VCP	Higher	3059, 0.579, NNW
DI401	BYRUM MOREHOUSE BUIL	1805 SE MARTIN LUTHE	OR ECSI, OR VCP	Higher	3189, 0.604, SW
402	PORTLAND GENERAL ELE	1510 SE WATER AVE	RCRA-CESQG, OR ECSI, OR VCP, OR BROWNFIELDS, OR...	Lower	3277, 0.621, WSW
403	NEW SYSTEM LAUNDRY	432 NE 10TH AVE	OR ECSI, FINDS	Higher	3312, 0.627, North
DI404	EAST SIDE PLATING WO	310 SE STEPHENS	SEMS-ARCHIVE, RCRA-LQG, OR ECSI, OR LUST, OR UST,...	Lower	3346, 0.634, SW
DJ405	1988 SE 3RD AVENUE	1988 SE 3RD AVENUE	OR ECSI	Lower	3543, 0.671, SW
406	GRANT STREET PROPERT	624 SE GRANT/2227 SE	OR ECSI, OR VCP	Higher	3634, 0.688, SSW
407	PESTICIDE SPILL, I-5	I-5 & I-84 INTERCHAN	OR ECSI, FINDS	Lower	3647, 0.691, NW
DJ408	BENT 3 - PORTLAND ST	SE 3RD & LINCOLN	OR ECSI	Lower	3711, 0.703, SW
409	OREGON RAIL HERITAGE	BETWEEN SE GRAND AVE	OR CRL, OR ECSI, OR ENG CONTROLS, OR INST CONTROL,	Lower	3723, 0.705, SSW
DK410	HOLMAN BUILDING	49 SE CLAY ST.	OR ECSI, OR VCP	Lower	3751, 0.710, WSW
411	GROUNDWATER - SE 1ST	VICINITY OF SE 1ST &	OR CRL, OR ECSI, FINDS	Lower	3774, 0.715, SW
412	OMSI	1701 SE WATER AVE	OR ECSI, OR LUST, OR UST, OR VCP, OR BROWNFIELDS,...	Lower	3792, 0.718, SW
413	1931 NE SANDY PROPER	1931 NE SANDY	OR ECSI	Higher	3857, 0.730, NNE
DK414	PGE WILLAMETTE RIVER	RIVER MILE 13.1 E TO	OR ECSI, OR VCP	Lower	3916, 0.742, WSW
415	PGE - STATION L	1841 SE WATER AVE.	OR CRL, OR ECSI, OR ENG CONTROLS, OR BROWNFIELDS	Lower	3958, 0.750, SW
416	WASH WORLD - BELMONT	2731 SE BELMONT ST	OR ECSI, OR ENG CONTROLS, OR INST CONTROL, OR VCP,	Higher	4192, 0.794, East
417	BALZER PACIFIC EQUIP	2230 SE GRAND AVE.	OR CRL, OR ECSI, OR ENG CONTROLS, OR INST CONTROL,	Lower	4254, 0.806, SSW
418	JANTZEN PARK - NE PO	541 NE 20TH AVE.	OR ECSI, OR BROWNFIELDS	Higher	4286, 0.812, NNE
419	SINCLAIR & VALENTINE	2700 SE ANKENY ST	SEMS-ARCHIVE, OR ECSI, OR LUST, OR VCP	Higher	4422, 0.837, ENE
420	ROSE CITY PLATING I	777 NE MARTIN LUTHER	OR ECSI	Higher	4541, 0.860, NNW
DL421	PORTLAND GAS AND COK	2620 SE 9TH AVE	EDR MGP	Lower	4717, 0.893, South
DL422	CENTRAL SERVICE CENT	2630 SE 9TH AVE	OR ECSI, OR LUST, OR UST, OR BROWNFIELDS, OR UIC	Lower	4748, 0.899, South
423	NORTH WATERFRONT PAR	100-500 NW FRONT AVE	OR ECSI	Lower	4749, 0.899, NW
424	PORTLAND STREETCAR L	MLK BLVD & GRAND AVE	OR ECSI, OR VCP	Higher	4945, 0.937, NNW
DM425	PDC - BLOCK 8L DOWNT	60 NW DAVIS ST.	OR ECSI, OR ENG CONTROLS, OR INST CONTROL, OR VCP,	Lower	4962, 0.940, WNW
426	ODOT - MLK/GRAND VIA	HWY 99E, MP 1.0 - 1.	OR ECSI	Lower	5017, 0.950, SSW
DM427	OLD TOWN PARKING/HEL	33 NW DAVIS ST	OR CRL, OR ECSI, FINDS	Lower	5025, 0.952, NW
428	OAK TOWER REDEVELOPM	225 SW OAK ST.	OR CRL, OR ECSI, OR ENG CONTROLS, OR INST CONTROL,	Lower	5064, 0.959, WNW
429	TIMBERLINE DODGE - G	2640 NE GLISAN ST.	OR ECSI, OR VCP, FINDS	Higher	5143, 0.974, NE

MAPPED SITES SUMMARY

Target Property Address:
1120 SE MORRISON STREET
PORTLAND, OR 97214

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
430	IVON STREET WATERFRO	306 SE IVON ST.	OR ECSI, OR VCP, OR NPDES	Lower	5200, 0.985, SSW
431	ROB SEIGER RENTAL PR	3001 - 3005 SE ANKEN	OR ECSI, OR VCP, FINDS	Higher	5214, 0.988, ENE
432	PORTLAND GAS MANUFAC	BOUNDED BY NW EVERET	OR ECSI, OR VCP	Lower	5254, 0.995, NW
433	NORTHWEST LEATHER	401 NE 28TH AVE	OR ECSI, OR LUST, OR UST, OR VCP, RCRA NonGen /...	Higher	5258, 0.996, NE
434	HAWTHORNE SUBSTATION	1530 SE 30TH AVE	OR ECSI, OR VCP, FINDS	Higher	5263, 0.997, ESE

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
HEATING OIL TANK 1120 SE MORRISON ST PORTLAND, OR 97214	OR LUST Facility ID: 26-16-1462 Cleanup Complete: 05/05/2017	N/A
BERNSTEIN BROTHERS, 1120 SE MORRISON ST PORTLAND, OR 97214	OR LUST Facility ID: 26-91-0267 Cleanup Complete: 07/10/1996 OR UST Facility ID: 6680	N/A
BERNSTEIN BROTHERS, 1120 SE MORRISON ST PORTLAND, OR 97214	FINDS Registry ID:: 110014078924	N/A
AJP 1120 SE MORRISON ST PORTLAND, OR	OR RGA LUST Facility ID: 26-91-0267	N/A

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY ---------- Federal Facility Site Information listing

SEMS ---------- Superfund Enterprise Management System

Federal RCRA CORRACTS facilities list

CORRACTS ---------- Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF ---------- RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-SQG ---------- RCRA - Small Quantity Generators

Federal institutional controls / engineering controls registries

LUCIS ---------- Land Use Control Information System
US ENG CONTROLS ---------- Engineering Controls Sites List
US INST CONTROL ---------- Sites with Institutional Controls

Federal ERNS list

ERNS ---------- Emergency Response Notification System

State and tribal landfill and/or solid waste disposal site lists

OR SWF/LF ---------- Solid Waste Facilities List

State and tribal leaking storage tank lists

INDIAN LUST ---------- Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

FEMA UST ---------- Underground Storage Tank Listing
INDIAN UST ---------- Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

INDIAN VCP ---------- Voluntary Cleanup Priority Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ---------- A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

OR SWRCY ---------- Recycling Facility Location Listing
OR HIST LF ---------- Old Closed SW Disposal Sites
INDIAN ODI ---------- Report on the Status of Open Dumps on Indian Lands
ODI ---------- Open Dump Inventory
DEBRIS REGION 9 ---------- Torres Martinez Reservation Illegal Dump Site Locations

IHS OPEN DUMPS---------- Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

OR AOCONCERN---------- Columbia Slough
US HIST CDL---------- Delisted National Clandestine Laboratory Register
US CDL---------- National Clandestine Laboratory Register

Local Land Records

LIENS 2---------- CERCLA Lien Information

Records of Emergency Release Reports

HMIRS---------- Hazardous Materials Information Reporting System
OR SPILLS 90---------- SPILLS 90 data from FirstSearch

Other Ascertainable Records

FUDS---------- Formerly Used Defense Sites
DOD---------- Department of Defense Sites
SCRD DRYCLEANERS---------- State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR---------- Financial Assurance Information
2020 COR ACTION---------- 2020 Corrective Action Program List
TSCA---------- Toxic Substances Control Act
TRIS---------- Toxic Chemical Release Inventory System
SSTS---------- Section 7 Tracking Systems
ROD---------- Records Of Decision
RMP---------- Risk Management Plans
RAATS---------- RCRA Administrative Action Tracking System
PRP---------- Potentially Responsible Parties
PADS---------- PCB Activity Database System
FTTS---------- FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS---------- Material Licensing Tracking System
COAL ASH DOE---------- Steam-Electric Plant Operation Data
COAL ASH EPA---------- Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER---------- PCB Transformer Registration Database
RADINFO---------- Radiation Information Database
HIST FTTS---------- FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS---------- Incident and Accident Data
CONSENT---------- Superfund (CERCLA) Consent Decrees
INDIAN RESERV---------- Indian Reservations
FUSRAP---------- Formerly Utilized Sites Remedial Action Program
UMTRA---------- Uranium Mill Tailings Sites
LEAD SMELTERS---------- Lead Smelter Sites
US AIRS---------- Aerometric Information Retrieval System Facility Subsystem
US MINES---------- Mines Master Index File
ABANDONED MINES---------- Abandoned Mines
DOCKET HWC---------- Hazardous Waste Compliance Docket Listing
UXO---------- Unexploded Ordnance Sites
FUELS PROGRAM---------- EPA Fuels Program Registered Listing
OR COAL ASH---------- Coal Ash Disposal Sites Listing
OR Enforcement---------- Enforcement Action Listing
OR Financial Assurance---------- Financial Assurance Information Listing

EXECUTIVE SUMMARY

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

OR RGA HWS ---------- Recovered Government Archive State Hazardous Waste Facilities List
OR RGA LF ---------- Recovered Government Archive Solid Waste Facilities List

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 12/13/2018 has revealed that there are 2 SEMS-ARCHIVE sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
BROAD SPECTRUM ELECT Site ID: 1000519 EPA Id: ORD980984744	424 SE GRAND AV	WNW 1/4 - 1/2 (0.337 mi.)	BJ230	283
OECO CORP Site ID: 1000342 EPA Id: ORD009024233	***712 SE HAWTHORNE BLD***	***SSW 1/4 - 1/2 (0.362 mi.)***	***BV248***	***321***

EXECUTIVE SUMMARY

Federal RCRA generators list

RCRA-CESQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-CESQG list, as provided by EDR, and dated 03/01/2018 has revealed that there are 9 RCRA-CESQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LZB INC DBA EARTH AN EPA ID:: ORQ000017616	***619 SE 12TH AVE***	***N 0 - 1/8 (0.086 mi.)***	***53***	***45***
NATURE CONSERVANCY O EPA ID:: ORQ000021238	***821 SE 14TH AVE***	***E 0 - 1/8 (0.091 mi.)***	***G59***	***49***
DCBS OR OSHA OCCUPAT EPA ID:: ORQ000003095	***505 SE 12TH AVE***	***N 1/8 - 1/4 (0.143 mi.)***	***R81***	***66***
PORTLAND COMPRESSOR EPA ID:: ORQ000007518	***310 SE 12TH AVE***	***N 1/8 - 1/4 (0.230 mi.)***	***AC152***	***165***

Lower Elevation	Address	Direction / Distance	Map ID	Page
TVG INC EPA ID:: ORD114157605	***945 SE 12TH AVE***	***SSE 0 - 1/8 (0.027 mi.)***	***B13***	***12***
REACH COMMUNITY DEVE EPA ID:: ORD086612082	***1135 SE SALMON ST***	***S 1/8 - 1/4 (0.140 mi.)***	***M79***	***63***
PRECISION ELECTRO CO EPA ID:: ORD987201373	***1124 SE 11TH AVENUE***	***S 1/8 - 1/4 (0.150 mi.)***	***M83***	***70***
ENVIRONMENTAL BUILDI EPA ID:: ORQ000010439	***819 SE TAYLOR ST***	***SW 1/8 - 1/4 (0.175 mi.)***	***100***	***112***
ODEQ TECHNICAL CENTE EPA ID:: ORQ000015057	***1240 SOUTHEAST 12TH***	***S 1/8 - 1/4 (0.178 mi.)***	***Y103***	***117***

State- and tribal - equivalent CERCLIS

OR ECSI: The Environmental Cleanup Site Information System records information about sites in Oregon that may be of environmental interest. The data come from the Department of Environmental Quality.

A review of the OR ECSI list, as provided by EDR, and dated 01/01/2019 has revealed that there are 64 OR ECSI sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
1706 E BURNSIDE Investigation: No Further Action State ID Number: 6271	***1706 E BURNSIDE***	***NE 1/4 - 1/2 (0.471 mi.)***	***CZ345***	***406***
PORTLAND LAUNDRY BUI	***1740 SE GRAND AVE.***	***SW 1/2 - 1 (0.513 mi.)***	***385***	***473***

Investigation: Listed on the CRL/Inventory State ID Number: 4311				
KOPPY PROPERTY Investigation: Suspect State ID Number: 5609	***1642 NE SANDY BLVD.***	***NNE 1/2 - 1 (0.566 mi.)***	***397***	***528***
THROWAWAY BIT CORP. Investigation: No Further Action State ID Number: 1068	***624 NE EVERETT ST.***	***NNW 1/2 - 1 (0.579 mi.)***	***400***	***541***
BYRUM MOREHOUSE BUIL Investigation: Suspect State ID Number: 6261	***1805 SE MARTIN LUTHE***	***SW 1/2 - 1 (0.604 mi.)***	***DI401***	***555***
NEW SYSTEM LAUNDRY Investigation: Suspect State ID Number: 3793	***432 NE 10TH AVE***	***N 1/2 - 1 (0.627 mi.)***	***403***	***567***
GRANT STREET PROPERT Investigation: No Further Action State ID Number: 3828	***624 SE GRANT/2227 SE***	***SSW 1/2 - 1 (0.688 mi.)***	***406***	***1539***
1931 NE SANDY PROPER Investigation: Suspect State ID Number: 6297	1931 NE SANDY	NNE 1/2 - 1 (0.730 mi.)	413	1576
WASH WORLD - BELMONT Investigation: Suspect State ID Number: 5731	***2731 SE BELMONT ST***	***E 1/2 - 1 (0.794 mi.)***	***416***	***1597***
JANTZEN PARK - NE PO Investigation: Suspect State ID Number: 5816	***541 NE 20TH AVE.***	***NNE 1/2 - 1 (0.812 mi.)***	***418***	***1634***
SINCLAIR & VALENTINE Investigation: No Further Action State ID Number: 162	***2700 SE ANKENY ST***	***ENE 1/2 - 1 (0.837 mi.)***	***419***	***1636***
ROSE CITY PLATING I Investigation: No Further Action State ID Number: 278	777 NE MARTIN LUTHER	NNW 1/2 - 1 (0.860 mi.)	420	1648
PORTLAND STREETCAR L Investigation: Suspect State ID Number: 5527	***MLK BLVD & GRAND AVE***	***NNW 1/2 - 1 (0.937 mi.)***	***424***	***1700***
TIMBERLINE DODGE - G Investigation: No Further Action State ID Number: 2178	***2640 NE GLISAN ST.***	***NE 1/2 - 1 (0.974 mi.)***	***429***	***1738***
ROB SEIGER RENTAL PR Investigation: No Further Action State ID Number: 2631	***3001 - 3005 SE ANKEN***	***ENE 1/2 - 1 (0.988 mi.)***	***431***	***1745***
NORTHWEST LEATHER Investigation: No Further Action State ID Number: 4955	***401 NE 28TH AVE***	***NE 1/2 - 1 (0.996 mi.)***	***433***	***1761***
HAWTHORNE SUBSTATION Investigation: No Further Action State ID Number: 1972	***1530 SE 30TH AVE***	***ESE 1/2 - 1 (0.997 mi.)***	***434***	***1771***

Lower Elevation	Address	Direction / Distance	Map ID	Page
MODERA BUCKMAN	909 SE 12TH AVE.	SSE 0 - 1/8 (0.030 mi.)	B19	17

Investigation: No Further Action State ID Number: 6222				
GARDNER AND RANCHERS Investigation: No Further Action State ID Number: 4073	***1004 SE BELMONT ST.***	***SW 0 - 1/8 (0.034 mi.)***	***C28***	***21***
BRIGHT DAY COMMERCIA Investigation: No Further Action State ID Number: 4977	***810 SE BELMONT ST***	***WSW 1/8 - 1/4 (0.139 mi.)***	***Q78***	***61***
OREGON BRASS WORKS Investigation: Listed on the CRL/Inventory State ID Number: 2550	***1127 SE 10TH AVE***	***SSW 1/8 - 1/4 (0.152 mi.)***	***O85***	***76***
EXHAUST SPECIALTIES Investigation: No Further Action State ID Number: 6120	***700 SE BELMONT ST.***	***W 1/8 - 1/4 (0.186 mi.)***	***AB109***	***122***
CARSON OIL - SE 8TH Investigation: No Further Action State ID Number: 367	***1208 SE 8TH AVE.***	***SW 1/8 - 1/4 (0.213 mi.)***	***AJ134***	***145***
SPIKES AUTO UPHOLSTE Investigation: No Further Action State ID Number: 5554	***726 SE 6TH AVE.***	***WNW 1/8 - 1/4 (0.241 mi.)***	***AG156***	***168***
CUSTOM STAMPING SITE Investigation: Suspect State ID Number: 6166	***1340 SE 9TH AVE.***	***SSW 1/4 - 1/2 (0.253 mi.)***	***AR164***	***176***
OREGON PLATING COMPA Investigation: Suspect State ID Number: 4925	***436 SE 6TH AVE***	***NW 1/4 - 1/2 (0.294 mi.)***	***AS193***	***186***
GRAND AVENUE 7-ELEVE Investigation: Suspect State ID Number: 6199	***1024 SE GRAND AVE.***	***WSW 1/4 - 1/2 (0.302 mi.)***	***BF200***	***252***
BROAD SPECTRUM ELECT Investigation: No Further Action State ID Number: 1279	422 SE GRAND AVE.	WNW 1/4 - 1/2 (0.337 mi.)	BJ231	285
MR FORMAL INC Investigation: No Further Action State ID Number: 5904	***1205 SE GRAND AVE***	***WSW 1/4 - 1/2 (0.356 mi.)***	***BR245***	***293***
OECO CORP. - PORTLAN Investigation: No Further Action State ID Number: 1667	***712 SE HAWTHORNE BLV***	***SSW 1/4 - 1/2 (0.362 mi.)***	***BV247***	***309***
CONSOLIDATED ELEC. D Investigation: No Further Action State ID Number: 5728	111-115 SE YAMHILL S	W 1/4 - 1/2 (0.472 mi.)	DA347	411
SALVATION ARMY FACIL Investigation: Listed on the CRL/Inventory State ID Number: 5555	***139 SE MARTIN LUTHER***	***NW 1/4 - 1/2 (0.476 mi.)***	***CP355***	***423***
EAST SIDE PLATING - Investigation: No Further Action State ID Number: 3856	1300/1304 SE 2ND AVE	WSW 1/4 - 1/2 (0.487 mi.)	DF368	447
NW CAST METAL PRODUC Investigation: Suspect	79 SE TAYLOR ST.	WSW 1/2 - 1 (0.521 mi.)	386	477

State ID Number: 1135				
GOODWILL INDUSTRIES	***1812 SE 6TH AVE.***	***SSW 1/2 - 1 (0.523 mi.)***	***387***	***484***
Investigation: No Further Action State ID Number: 1475				
5 MLK	***5 SE M L KING BLVD***	***NW 1/2 - 1 (0.531 mi.)***	***DG389***	***487***
Investigation: No Further Action State ID Number: 5798				
BLOCK 76/67 SITE	***15 NE MARTIN LUTHER***	***NW 1/2 - 1 (0.543 mi.)***	***390***	***491***
Investigation: No Further Action State ID Number: 3930				
E PORTLAND GAS WORKS	110 SE 2ND AVE.	NW 1/2 - 1 (0.546 mi.)	391	496
Investigation: Suspect State ID Number: 4426				
TOWNE STORAGE PROPER	***17 SE 3RD AVE***	***NW 1/2 - 1 (0.552 mi.)***	***DG393***	***510***
Investigation: No Further Action State ID Number: 6272				
REXEL/TAYLOR ELECTRI	***240 SE CLAY ST.***	***SW 1/2 - 1 (0.557 mi.)***	***394***	***514***
Investigation: Suspect State ID Number: 4632				
PRATT & LARSON TILE	***1204-1216 SE WATER A***	***WSW 1/2 - 1 (0.560 mi.)***	***DH395***	***521***
Investigation: No Further Action State ID Number: 5919				
ODOT-CENTRAL EASTSID	***SE WATER AVE. BETWEE***	***WSW 1/2 - 1 (0.565 mi.)***	***DH396***	***526***
Investigation: Suspect State ID Number: 5936				
LANDON THREE LLC	***2011 SE 10TH AVE.***	***S 1/2 - 1 (0.574 mi.)***	***398***	***531***
Investigation: Suspect State ID Number: 6131				
BLOCK 75	***111 NE MARTIN LUTHER***	***NW 1/2 - 1 (0.579 mi.)***	***399***	***533***
Investigation: No Further Action State ID Number: 5905				
PORTLAND GENERAL ELE	***1510 SE WATER AVE***	***WSW 1/2 - 1 (0.621 mi.)***	***402***	***558***
Investigation: No Further Action State ID Number: 5779				
EAST SIDE PLATING WO	***310 SE STEPHENS***	***SW 1/2 - 1 (0.634 mi.)***	***DI404***	***573***
Investigation: Suspect State ID Number: 1010				
1988 SE 3RD AVENUE	1988 SE 3RD AVENUE	SW 1/2 - 1 (0.671 mi.)	DJ405	1538
Investigation: Suspect State ID Number: 6313				
PESTICIDE SPILL, I-5	***I-5 & I-84 INTERCHAN***	***NW 1/2 - 1 (0.691 mi.)***	***407***	***1543***
Investigation: Suspect State ID Number: 334				
BENT 3 - PORTLAND ST	SE 3RD & LINCOLN	SW 1/2 - 1 (0.703 mi.)	DJ408	1546
Investigation: Suspect State ID Number: 5392				
OREGON RAIL HERITAGE	***BETWEEN SE GRAND AVE***	***SSW 1/2 - 1 (0.705 mi.)***	***409***	***1553***
Investigation: Listed on the CRL/Inventory State ID Number: 5641				
HOLMAN BUILDING	***49 SE CLAY ST.***	***WSW 1/2 - 1 (0.710 mi.)***	***DK410***	***1560***

Investigation: No Further Action State ID Number: 4236				
GROUNDWATER - SE 1ST Investigation: Listed on the CRL/Inventory State ID Number: 1556	***VICINITY OF SE 1ST &***	***SW 1/2 - 1 (0.715 mi.)***	***411***	***1563***
OMSI Investigation: No Further Action State ID Number: 5547	***1701 SE WATER AVE***	***SW 1/2 - 1 (0.718 mi.)***	***412***	***1571***
PGE WILLAMETTE RIVER Investigation: Suspect State ID Number: 5249	***RIVER MILE 13.1 E TO***	***WSW 1/2 - 1 (0.742 mi.)***	***DK414***	***1577***
PGE - STATION L Investigation: Listed on the CRL/Inventory State ID Number: 151	***1841 SE WATER AVE.***	***SW 1/2 - 1 (0.750 mi.)***	***415***	***1584***
BALZER PACIFIC EQUIP Investigation: Listed on the CRL/Inventory State ID Number: 5753	***2230 SE GRAND AVE.***	***SSW 1/2 - 1 (0.806 mi.)***	***417***	***1608***
CENTRAL SERVICE CENT Investigation: No Further Action State ID Number: 1488	***2630 SE 9TH AVE***	***S 1/2 - 1 (0.899 mi.)***	***DL422***	***1656***
NORTH WATERFRONT PAR Investigation: Suspect State ID Number: 876	100-500 NW FRONT AVE	NW 1/2 - 1 (0.899 mi.)	423	1691
PDC - BLOCK 8L DOWNT Investigation: No Further Action State ID Number: 5768	***60 NW DAVIS ST.***	***WNW 1/2 - 1 (0.940 mi.)***	***DM425***	***1704***
ODOT - MLK/GRAND VIA Investigation: Suspect State ID Number: 4517	HWY 99E, MP 1.0 - 1.	SSW 1/2 - 1 (0.950 mi.)	426	1712
OLD TOWN PARKING/HEL Investigation: Listed on the CRL/Inventory State ID Number: 383	***33 NW DAVIS ST***	***NW 1/2 - 1 (0.952 mi.)***	***DM427***	***1715***
OAK TOWER REDEVELOPM Investigation: Listed on the CRL/Inventory State ID Number: 4416	***225 SW OAK ST.***	***WNW 1/2 - 1 (0.959 mi.)***	***428***	***1728***
IVON STREET WATERFRO Investigation: Suspect State ID Number: 5906	***306 SE IVON ST.***	***SSW 1/2 - 1 (0.985 mi.)***	***430***	***1742***
PORTLAND GAS MANUFAC Investigation: Suspect State ID Number: 1138	***BOUNDED BY NW EVERET***	***NW 1/2 - 1 (0.995 mi.)***	***432***	***1750***

OR CRL: Sites that are or may be contaminated and may require cleanup.

A review of the OR CRL list, as provided by EDR, and dated 11/01/2018 has revealed that there are 9 OR CRL sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PORTLAND LAUNDRY BUI	***1740 SE GRAND AVE.***	***SW 1/2 - 1 (0.513 mi.)***	***385***	***473***

Facility Status: No Further Action (Conditional)
Facility Id: 4311

Lower Elevation	Address	Direction / Distance	Map ID	Page
OREGON BRASS WORKS	***1127 SE 10TH AVE***	***SSW 1/8 - 1/4 (0.152 mi.)***	***O85***	***76***
Facility Status: No Further Action (Conditional) Facility Id: 2550				
SALVATION ARMY FACIL	***139 SE MARTIN LUTHER***	***NW 1/4 - 1/2 (0.476 mi.)***	***CP355***	***423***
Facility Status: Consent Decree Facility Id: 5555				
OREGON RAIL HERITAGE	***BETWEEN SE GRAND AVE***	***SSW 1/2 - 1 (0.705 mi.)***	***409***	***1553***
Facility Status: No Further Action (Conditional) Facility Id: 5641				
GROUNDWATER - SE 1ST	***VICINITY OF SE 1ST &***	***SW 1/2 - 1 (0.715 mi.)***	***411***	***1563***
Facility Status: Remedial Action recommended (RA) Facility Id: 1556				
PGE - STATION L	***1841 SE WATER AVE.***	***SW 1/2 - 1 (0.750 mi.)***	***415***	***1584***
Facility Status: Long Term Care/Control recommended (OM) Facility Id: 151				
BALZER PACIFIC EQUIP	***2230 SE GRAND AVE.***	***SSW 1/2 - 1 (0.806 mi.)***	***417***	***1608***
Facility Status: No Further Action (Conditional) Facility Id: 5753				
OLD TOWN PARKING/HEL	***33 NW DAVIS ST***	***NW 1/2 - 1 (0.952 mi.)***	***DM427***	***1715***
Facility Status: RISK ASSESSMENT Facility Id: 383				
OAK TOWER REDEVELOPM	***225 SW OAK ST.***	***WNW 1/2 - 1 (0.959 mi.)***	***428***	***1728***
Facility Status: No Further Action (Conditional) Facility Id: 4416				

State and tribal leaking storage tank lists

OR LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Environmental Quality's LUST Database List.

A review of the OR LUST list, as provided by EDR, and dated 10/03/2018 has revealed that there are 290 OR LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HEATING OIL TANK Facility ID: 26-06-2041 Cleanup Complete: 01/26/2007	1200 SE MORRISON ST	ENE 0 - 1/8 (0.020 mi.)	A9	11
PIACENTINI PROPERTY Facility ID: 26-16-0816	1206 SE BELMONT ST	SE 0 - 1/8 (0.024 mi.)	B11	11
GEN44 LLC Facility ID: 26-17-0584 Cleanup Complete: 10/25/2017	1205 SE MORRISON STR	NE 0 - 1/8 (0.031 mi.)	D22	19
HEATING OIL TANK	1224 SE BELMONT	ESE 0 - 1/8 (0.039 mi.)	B30	28

Facility ID: 26-02-5295 Cleanup Complete: 04/25/2006				
HEATING OIL TANK Facility ID: 26-02-0573 Cleanup Complete: 03/18/2003	923 SE 13TH AVE	SE 0 - 1/8 (0.055 mi.)	B39	32
HEATING OIL TANK Facility ID: 26-02-0153 Cleanup Complete: 11/26/2002	900 SE 13TH AVE	ESE 0 - 1/8 (0.069 mi.)	G43	33
HEATING OIL TANK Facility ID: 26-15-0488	1335 SE MORRISON ST	ENE 0 - 1/8 (0.096 mi.)	H60	51
HEATING OIL TANK Facility ID: 26-14-1456 Cleanup Complete: 08/19/2015	1318 SE YAMHILL ST	SE 0 - 1/8 (0.097 mi.)	K61	51
LEWIS BROS MEATS Facility ID: 26-92-0038 Cleanup Complete: 06/09/1992	***1005 SE WASHINGTON S***	***NNW 0 - 1/8 (0.123 mi.)***	***N71***	***57***
HEATING OIL TANK Facility ID: 26-04-2280 Cleanup Complete: 04/29/2005	1035 SE 14 AVE	SE 1/8 - 1/4 (0.130 mi.)	K73	58
HEATING OIL TANK Facility ID: 26-16-0289 Cleanup Complete: 06/29/2016	1403 SE ALDER ST	ENE 1/8 - 1/4 (0.131 mi.)	74	58
HEATING OIL TANK Facility ID: 26-15-0949	1014 SE 14TH AVE	SE 1/8 - 1/4 (0.138 mi.)	P76	60
FASPEC BRITISH PARTS Facility ID: 26-06-2051 Cleanup Complete: 08/26/2008	***1036 SE STARK ST***	***NNW 1/8 - 1/4 (0.147 mi.)***	***N82***	***69***
HEATING OIL TANK Facility ID: 26-05-0593 Cleanup Complete: 06/08/2005	1415 SE TAYLOR ST	SE 1/8 - 1/4 (0.154 mi.)	P86	101
CHILD SERVICE CENTER Facility ID: 26-91-0285 Cleanup Complete: 11/01/2000	***531 SE 14TH AVE***	***NE 1/8 - 1/4 (0.154 mi.)***	***T87***	***101***
HEATING OIL TANK Facility ID: 26-00-5720 Cleanup Complete: 11/20/2000	926 SE 15TH AVE	ESE 1/8 - 1/4 (0.169 mi.)	U90	106
HEATING OIL TANK Facility ID: 26-02-0518	1414 SE TAYLOR	SE 1/8 - 1/4 (0.170 mi.)	P93	107
HEATING OIL TANK Facility ID: 26-03-2568 Cleanup Complete: 10/18/2017	934 SE 15TH AVENUE	ESE 1/8 - 1/4 (0.170 mi.)	U96	109
HEATING OIL TANK Facility ID: 26-07-1033 Cleanup Complete: 10/23/2007	1511 SE MORRISON ST	E 1/8 - 1/4 (0.173 mi.)	W98	112
HEATING OIL TANK Facility ID: 26-12-0548 Cleanup Complete: 04/23/2013	1010 SE 15 TH AVE	ESE 1/8 - 1/4 (0.177 mi.)	P101	116
HEATING OIL TANK Facility ID: 26-17-1017	1516-1518 SE ALDER S	ENE 1/8 - 1/4 (0.180 mi.)	W105	121

Cleanup Complete: 01/22/2018				
HEATING OIL TANK Facility ID: 26-14-0796 Cleanup Complete: 08/08/2014	537- 539 SE 15TH AVE	NE 1/8 - 1/4 (0.180 mi.)	Z106	121
HEATING OIL TANK Facility ID: 26-05-1686 Cleanup Complete: 10/12/2005	1525 SE BELMONT ST	E 1/8 - 1/4 (0.182 mi.)	U107	122
HEATING OIL TANK Facility ID: 26-01-5196 Cleanup Complete: 03/09/2001	1436 SE TAYLOR ST	SE 1/8 - 1/4 (0.184 mi.)	AA108	122
HEATING OIL TANK Facility ID: 26-03-1361 Cleanup Complete: 09/05/2003	1413 SE SALMON	SE 1/8 - 1/4 (0.187 mi.)	AA111	127
HEATING OIL TANK Facility ID: 26-16-1655 Cleanup Complete: 07/24/2017	***1335 SE STARK ST***	***NNE 1/8 - 1/4 (0.188 mi.)***	***T112***	***128***
HEATING OIL TANK Facility ID: 26-03-2381 Cleanup Complete: 05/19/2004	525 SE 15TH AVE	NE 1/8 - 1/4 (0.188 mi.)	Z113	128
HEATING OIL TANK Facility ID: 26-13-0142 Cleanup Complete: 03/06/2013	1537 SE MORRISON ST	E 1/8 - 1/4 (0.189 mi.)	W114	128
HEATING OIL TANK Facility ID: 26-13-1362 Cleanup Complete: 04/29/2016	819 SE 16TH AVE	E 1/8 - 1/4 (0.190 mi.)	W115	129
HEATING OIL TANK Facility ID: 26-13-0928 Cleanup Complete: 07/29/2014	907 SE 16TH AVE	E 1/8 - 1/4 (0.191 mi.)	U116	129
HEATING OIL TANK Facility ID: 26-05-1399 Cleanup Complete: 09/29/2005	602 SE 15TH AVE	ENE 1/8 - 1/4 (0.191 mi.)	Z118	129
HEATING OIL TANK Facility ID: 26-07-1307 Cleanup Complete: 01/29/2008	400 SE 12TH AVE	N 1/8 - 1/4 (0.193 mi.)	V120	131
HEATING OIL TANK Facility ID: 26-12-1223 Cleanup Complete: 02/18/2016	1136 SE OAK ST	N 1/8 - 1/4 (0.197 mi.)	AC121	131
HEATING OIL TANK Facility ID: 26-00-0706 Cleanup Complete: 05/31/2000	1435 SE SALMON ST.	SE 1/8 - 1/4 (0.200 mi.)	AA122	132
BATASCH FAMILY TRUST Facility ID: 26-90-0117 Cleanup Complete: 11/17/2014	***1324 SE OAK***	***NNE 1/8 - 1/4 (0.208 mi.)***	***V126***	***135***
HEATING OIL TANK Facility ID: 26-03-2347 Cleanup Complete: 02/23/2004	926 SE OAK STREET	NNW 1/8 - 1/4 (0.208 mi.)	AE127	136
HEATING OIL TANK Facility ID: 26-02-5252 Cleanup Complete: 05/20/2002	603 SE 16TH AVE	ENE 1/8 - 1/4 (0.211 mi.)	AI133	144
HEATING OIL TANK	1421 SE STARK ST	NE 1/8 - 1/4 (0.214 mi.)	AK136	151

Facility ID: 26-14-1518 Cleanup Complete: 02/09/2015				
HEATING OIL TANK Facility ID: 26-98-0890 Cleanup Complete: 08/15/2001	824 SE 16TH	E 1/8 - 1/4 (0.215 mi.)	AL137	151
HEATING OIL TANK Facility ID: 26-02-1278 Cleanup Complete: 06/10/2003	1507 SE SALMON STREE	SE 1/8 - 1/4 (0.215 mi.)	AA138	152
PIERRE'S FRENCH BAKE Facility ID: 26-90-0453 Cleanup Complete: 06/24/1996	***1011 SE OAK ST***	***NNW 1/8 - 1/4 (0.219 mi.)***	***139***	***152***
HEATING OIL TANK Facility ID: 26-02-0087 Cleanup Complete: 10/16/2002	1400 SE OAK	NNE 1/8 - 1/4 (0.224 mi.)	AK144	153
HEATING OIL TANK Facility ID: 26-05-2410	525 SE 16TH AVE	NE 1/8 - 1/4 (0.227 mi.)	AI148	164
HEATING OIL TANK Facility ID: 26-95-0338 Cleanup Complete: 10/17/2005	1024 SE 16TH	ESE 1/8 - 1/4 (0.229 mi.)	AN150	164
HEATING OIL TANK Facility ID: 26-01-5283 Cleanup Complete: 06/11/2001	612 SE 16TH AVE	ENE 1/8 - 1/4 (0.231 mi.)	AI153	167
ACTION TECHNOLOGY SY Facility ID: 26-98-0158 Cleanup Complete: 01/14/1999	***835 SE 17TH AVENUE***	***E 1/8 - 1/4 (0.239 mi.)***	***AL155***	***168***
HEATING OIL TANK Facility ID: 26-14-1059 Cleanup Complete: 10/20/2016	1635 SE MORRISON STR	E 1/8 - 1/4 (0.242 mi.)	AL157	172
HEATING OIL TANK Facility ID: 26-04-2225 Cleanup Complete: 03/15/2005	713-717 SE 17TH AVEN	ENE 1/8 - 1/4 (0.243 mi.)	AP159	173
HEATING OIL TANK Facility ID: 26-01-6970 Cleanup Complete: 09/17/2002	524 SE 16TH	ENE 1/8 - 1/4 (0.249 mi.)	AI162	175
HEATING OIL TANK Facility ID: 26-00-5563 Cleanup Complete: 11/02/2000	1126 SE 16TH AVE	ESE 1/4 - 1/2 (0.252 mi.)	163	175
HEATING OIL TANK Facility ID: 26-04-0545 Cleanup Complete: 08/09/2004	1621 SE WASHINGTON S	ENE 1/4 - 1/2 (0.257 mi.)	AI165	178
HEATING OIL TANK Facility ID: 26-01-5293 Cleanup Complete: 03/28/2001	1336 SE PINE ST	NNE 1/4 - 1/2 (0.259 mi.)	166	178
HEATING OIL TANK Facility ID: 26-07-1794 Cleanup Complete: 03/11/2008	1636 SE TAYLOR ST	ESE 1/4 - 1/2 (0.263 mi.)	AN170	179
HEATING OIL TANK Facility ID: 26-99-0382	1705 SE MORRISON	E 1/4 - 1/2 (0.267 mi.)	AP173	180
HEATING OIL TANK	1533 SE MAIN ST	SE 1/4 - 1/2 (0.270 mi.)	AW175	181

Facility ID: 26-05-0134 Cleanup Complete: 03/24/2005				
HEATING OIL TANK Facility ID: 26-00-5254 Cleanup Complete: 11/07/2000	1716 SE BELMONT	E 1/4 - 1/2 (0.276 mi.)	AY178	182
HEATING OIL TANK Facility ID: 26-98-0982 Cleanup Complete: 03/17/1999	1714 SE ALDER	ENE 1/4 - 1/2 (0.276 mi.)	AP181	183
HEATING OIL TANK Facility ID: 26-00-5263 Cleanup Complete: 09/26/2000	1718 SE BELMONT	E 1/4 - 1/2 (0.277 mi.)	AY182	183
HEATING OIL TANK Facility ID: 26-17-0394	536 SE 17TH AVE	ENE 1/4 - 1/2 (0.288 mi.)	BB188	184
HEATING OIL TANK Facility ID: 26-18-0138 Cleanup Complete: 05/14/2018	335 SE 16TH AVE	NE 1/4 - 1/2 (0.290 mi.)	BC189	185
HULME, ROBERT H Facility ID: 26-91-0103 Cleanup Complete: 03/18/1992	***221 SE 11TH AVE***	***N 1/4 - 1/2 (0.292 mi.)***	***BD191***	***185***
HEATING OIL TANK Facility ID: 26-03-0322 Cleanup Complete: 04/04/2003	1742 SE BELMONT STRE	E 1/4 - 1/2 (0.298 mi.)	AY196	251
HEATING OIL TANK Facility ID: 26-98-1014 Cleanup Complete: 02/08/2000	1623 SE MAIN	SE 1/4 - 1/2 (0.299 mi.)	AW198	251
HEATING OIL TANK Facility ID: 26-99-0542	1030 SE ASH	N 1/4 - 1/2 (0.302 mi.)	BD199	251
HEATING OIL TANK Facility ID: 26-03-1426 Facility ID: 26-88-0119 Cleanup Complete: 05/13/2004 Cleanup Complete: 08/13/1990	***320 SE 16TH***	***NE 1/4 - 1/2 (0.305 mi.)***	***BC201***	***265***
HEATING OIL TANK Facility ID: 26-16-0022	301 SE 16TH AVE	NE 1/4 - 1/2 (0.309 mi.)	BC204	269
HEATING OIL TANK Facility ID: 26-03-2457 Cleanup Complete: 01/08/2004	1730 SE TAYLOR STREE	ESE 1/4 - 1/2 (0.309 mi.)	BG205	269
HEATING OIL TANK Facility ID: 26-97-0910 Facility ID: 26-97-0917 Cleanup Complete: 12/09/1997	1802 SE MORRISON	E 1/4 - 1/2 (0.311 mi.)	BI207	269
HEATING OIL TANK Facility ID: 26-04-0953 Cleanup Complete: 12/16/2011	718 SE 18TH	E 1/4 - 1/2 (0.315 mi.)	BI210	270
HEATING OIL TANK Facility ID: 26-06-0730 Cleanup Complete: 07/10/2006	521 SE 18TH AVE	ENE 1/4 - 1/2 (0.315 mi.)	BB212	271
HEATING OIL TANK Facility ID: 26-00-0122	710 SE 18TH AVE	E 1/4 - 1/2 (0.315 mi.)	BI213	271

Cleanup Complete: 05/09/2000				
HEATING OIL TANK Facility ID: 26-00-5200 Cleanup Complete: 09/07/2000	1812-1818 SE MORRISO	E 1/4 - 1/2 (0.320 mi.)	BI218	276
HEATING OIL TANK Facility ID: 26-01-5222 Cleanup Complete: 09/05/2001	1717 SE MAIN ST	SE 1/4 - 1/2 (0.331 mi.)	BL225	282
HEATING OIL TANK Facility ID: 26-05-1237 Cleanup Complete: 08/25/2005	114 SE 12TH AVE	N 1/4 - 1/2 (0.331 mi.)	BM226	282
HEATING OIL TANK Facility ID: 26-15-0048 Cleanup Complete: 08/26/2016	711 SE 19TH AVE	E 1/4 - 1/2 (0.339 mi.)	BP233	290
HEATING OIL TANK Facility ID: 26-03-1910 Cleanup Complete: 12/10/2003	1122 SE ANKENY STREE	N 1/4 - 1/2 (0.339 mi.)	BM234	290
HEATING OIL TANK Facility ID: 26-16-1190 Cleanup Complete: 05/05/2017	1233 SE 18TH AVE	SE 1/4 - 1/2 (0.346 mi.)	BL237	291
HEATING OIL TANK Facility ID: 26-99-0978	1532 SE ASH	NNE 1/4 - 1/2 (0.347 mi.)	BQ239	291
HEATING OIL TANK Facility ID: 26-09-0131	222 SE 16TH AVE	NE 1/4 - 1/2 (0.349 mi.)	BQ240	292
HEATING OIL TANK Facility ID: 26-04-0206 Cleanup Complete: 05/19/2004	1824 SE TAYLOR STREE	ESE 1/4 - 1/2 (0.351 mi.)	BG241	292
HEATING OIL TANK Facility ID: 26-01-8557	1216 SE 18TH	ESE 1/4 - 1/2 (0.356 mi.)	BT244	293
HEATING OIL TANK Facility ID: 26-13-0152 Cleanup Complete: 07/30/2013	1734 SE MAIN ST	SE 1/4 - 1/2 (0.362 mi.)	BL249	323
HEATING OIL TANK Facility ID: 26-07-0416 Cleanup Complete: 08/01/2007	204 SE 16TH AVE	NE 1/4 - 1/2 (0.363 mi.)	BQ252	324
HEATING OIL TANK Facility ID: 26-00-0493 Cleanup Complete: 05/31/2000	1727 SE MADISON STRE	SE 1/4 - 1/2 (0.369 mi.)	258	325
HEATING OIL TANK Facility ID: 26-94-6010 Cleanup Complete: 04/13/1995	109 SE 8TH OR 734 SE	NNW 1/4 - 1/2 (0.371 mi.)	259	326
HEATING OIL TANK Facility ID: 26-05-1154 Cleanup Complete: 11/09/2005	1916 SE ALDER ST	E 1/4 - 1/2 (0.372 mi.)	BP260	326
HEATING OIL TANK Facility ID: 26-12-0538 Cleanup Complete: 07/25/2012	1250 E BURNSIDE ST	N 1/4 - 1/2 (0.376 mi.)	BM262	326
HEATING OIL TANK Facility ID: 26-08-1374 Cleanup Complete: 01/27/2009	1808 SE MAIN ST	SE 1/4 - 1/2 (0.379 mi.)	BT265	327
HEATING OIL TANK	534 SE 19TH AVE	ENE 1/4 - 1/2 (0.380 mi.)	266	327

Facility ID: 26-12-0512 Cleanup Complete: 07/16/2012				
HEATING OIL TANK Facility ID: 26-01-5241 Cleanup Complete: 05/02/2001	1516 SE ANKENY ST	NNE 1/4 - 1/2 (0.381 mi.)	267	328
HEATING OIL TANK Facility ID: 26-10-1018 Cleanup Complete: 09/19/2011	10 SE 10TH AVE	N 1/4 - 1/2 (0.384 mi.)	BZ271	329
HEATING OIL TANK Facility ID: 26-14-1676 Cleanup Complete: 02/03/2015	1980 SE MORRISON ST	E 1/4 - 1/2 (0.388 mi.)	CA274	329
HEATING OIL TANK Facility ID: 26-10-0894 Cleanup Complete: 11/15/2010	1040 E BURNSIDE ST	N 1/4 - 1/2 (0.389 mi.)	BZ275	330
HEATING OIL TANK Facility ID: 26-10-0967	1000 E BURNSIDE ST	N 1/4 - 1/2 (0.390 mi.)	BZ277	334
HEATING OIL TANK Facility ID: 26-03-1782 Cleanup Complete: 12/16/2003	1706 SE ASH STREET	NE 1/4 - 1/2 (0.391 mi.)	CB278	335
HEATING OIL TANK Facility ID: 26-00-0184 Cleanup Complete: 03/20/2000	1936 SE ALDER	E 1/4 - 1/2 (0.392 mi.)	CD280	336
HEATING OIL TANK Facility ID: 26-16-1645 Cleanup Complete: 03/31/2017	910 E BURNSIDE ST	NNW 1/4 - 1/2 (0.398 mi.)	CE283	337
HEATING OIL TANK Facility ID: 26-06-0893 Cleanup Complete: 10/05/2006	1810 SE PINE ST	NE 1/4 - 1/2 (0.400 mi.)	CG285	338
BATTERY X-CHANGE Facility ID: 26-89-0253 Cleanup Complete: 03/07/1990	***2003 SE BELMONT***	***E 1/4 - 1/2 (0.409 mi.)***	***CA289***	***339***
HEATING OIL TANK Facility ID: 26-05-0501 Cleanup Complete: 06/08/2005	***800 E BURNSIDE ST***	***NNW 1/4 - 1/2 (0.409 mi.)***	***CE290***	***339***
HEATING OIL TANK Facility ID: 26-02-5102 Cleanup Complete: 04/04/2002	1831 SE MADISON ST	SE 1/4 - 1/2 (0.409 mi.)	CH291	342
HEATING OIL TANK Facility ID: 26-05-1145 Cleanup Complete: 08/23/2005	1732 SE ASH ST	NE 1/4 - 1/2 (0.410 mi.)	CB292	342
HEATING OIL TANK Facility ID: 26-94-0130 Cleanup Complete: 11/28/1994	1027 E BURNSIDE	N 1/4 - 1/2 (0.411 mi.)	BZ293	342
HEATING OIL TANK Facility ID: 26-92-5052 Cleanup Complete: 06/30/1992	1923 SE STARK	ENE 1/4 - 1/2 (0.413 mi.)	294	343
HEATING OIL TANK Facility ID: 26-04-0800	1836 SE PINE STREET	NE 1/4 - 1/2 (0.416 mi.)	CG296	343
HEATING OIL TANK	1715 SE ASH	NE 1/4 - 1/2 (0.416 mi.)	CB297	344

Facility ID: 26-94-0212 Cleanup Complete: 06/13/2016				
HEATING OIL TANK Facility ID: 26-16-0386 Cleanup Complete: 08/11/2016	630 SE 20TH AVE	ENE 1/4 - 1/2 (0.417 mi.)	CD298	344
HEATING OIL TANK Facility ID: 26-04-1782 Cleanup Complete: 12/16/2004	114 SE 17TH AVE	NE 1/4 - 1/2 (0.423 mi.)	CB302	345
HEATING OIL TANK Facility ID: 26-14-1340 Cleanup Complete: 11/19/2014	1846 SE PINE ST	NE 1/4 - 1/2 (0.424 mi.)	CG303	345
HEATING OIL TANK Facility ID: 26-16-0965 Cleanup Complete: 08/15/2016	1725 SE ASH ST	NE 1/4 - 1/2 (0.425 mi.)	CB304	345
HEATING OIL TANK Facility ID: 26-03-0489 Cleanup Complete: 07/10/2003	1834 SE MADISON AVEN	SE 1/4 - 1/2 (0.430 mi.)	CH308	346
HEATING OIL TANK Facility ID: 26-11-0559 Cleanup Complete: 06/28/2011	835 E BURNSIDE ST	NNW 1/4 - 1/2 (0.430 mi.)	CE309	347
HEATING OIL TANK Facility ID: 26-09-0874 Cleanup Complete: 12/14/2009	2015 SE SALMON ST	ESE 1/4 - 1/2 (0.439 mi.)	314	352
BROADSTONE ANTHEM Facility ID: 26-18-0486	***1337 E BURNSIDE STRE***	***NNE 1/4 - 1/2 (0.440 mi.)***	***CO315***	***353***
HEATING OIL TANK Facility ID: 26-08-1378 Cleanup Complete: 12/08/2008	1661 SE HOLLY ST	SE 1/4 - 1/2 (0.443 mi.)	CJ318	355
BROADSTONE BURNSIDE Facility ID: 26-04-1900 Cleanup Complete: 05/19/2010	***20 NE 14TH AVENUE***	***NNE 1/4 - 1/2 (0.443 mi.)***	***CO319***	***355***
HEATING OIL TANK Facility ID: 26-04-0772 Cleanup Complete: 10/14/2004	15 SE 6TH AVENUE	NW 1/4 - 1/2 (0.459 mi.)	CQ325	359
HEATING OIL TANK Facility ID: 26-07-0413	2011 SE MAIN ST	ESE 1/4 - 1/2 (0.459 mi.)	CR326	359
HEATING OIL TANK Facility ID: 26-09-1217	1306 SE 20TH AVE	ESE 1/4 - 1/2 (0.464 mi.)	CR330	360
HEATING OIL TANK Facility ID: 26-08-1184 Cleanup Complete: 02/27/2009	1518 SE POPLAR AVE	SE 1/4 - 1/2 (0.465 mi.)	CU331	361
HEATING OIL TANK Facility ID: 26-04-1676	2021 SE MAIN ST	ESE 1/4 - 1/2 (0.465 mi.)	CR332	361
HEATING OIL TANK Facility ID: 26-03-2083 Cleanup Complete: 11/26/2003	1524 SE POPLAR AVENU	SE 1/4 - 1/2 (0.466 mi.)	CU333	361
GERMAN FORMULA Facility ID: 26-97-0456 Cleanup Complete: 07/02/2008	***100 NE 11TH AVE***	***N 1/4 - 1/2 (0.466 mi.)***	***334***	***361***
HEATING OIL TANK	1932 SE MADISON ST	SE 1/4 - 1/2 (0.466 mi.)	335	362

Facility ID: 26-14-1512 Cleanup Complete: 04/14/2015				
HEATING OIL TANK Facility ID: 26-04-2336 Cleanup Complete: 02/08/2005	935 NE COUCH ST	N 1/4 - 1/2 (0.467 mi.)	337	362
PORTLAND BOTTLING CO Facility ID: 26-90-0266 Cleanup Complete: 03/21/1995	***1321 NE COUCH ST***	***NNE 1/4 - 1/2 (0.468 mi.)***	***CO340***	***363***
HEATING OIL TANK Facility ID: 26-09-0787 Cleanup Complete: 10/28/2009	235 SE 20TH AVE	NE 1/4 - 1/2 (0.468 mi.)	CW341	405
HEATING OIL TANK Facility ID: 26-00-5727 Cleanup Complete: 10/02/2000	2115 SE YAMHILL	E 1/4 - 1/2 (0.471 mi.)	CY344	406
HEATING OIL TANK Facility ID: 26-04-2163 Cleanup Complete: 12/06/2004	1824 SE ANKENY	NE 1/4 - 1/2 (0.474 mi.)	DC350	419
HEATING OIL TANK Facility ID: 26-08-0435 Cleanup Complete: 07/09/2008	1550 SE POPLAR	SE 1/4 - 1/2 (0.475 mi.)	CU352	422
HEATING OIL TANK Facility ID: 26-11-0909 Cleanup Complete: 09/19/2011	2006 SE PINE ST	ENE 1/4 - 1/2 (0.475 mi.)	CW353	422
HEATING OIL TANK Facility ID: 26-06-1742	1926 SE ASH	NE 1/4 - 1/2 (0.480 mi.)	CW358	444
HEATING OIL TANK Facility ID: 26-04-0543 Cleanup Complete: 11/12/2004	2122-2128 SE BELMONT	E 1/4 - 1/2 (0.481 mi.)	CY359	444
HEATING OIL TANK Facility ID: 26-97-0225 Cleanup Complete: 01/05/2005	2115 SE MORRISON	E 1/4 - 1/2 (0.482 mi.)	DD360	445
HEATING OIL TANK Facility ID: 26-98-1064	2113 SE SALMON	ESE 1/4 - 1/2 (0.486 mi.)	DE365	446
HEATING OIL TANK Facility ID: 26-16-0465 Cleanup Complete: 11/23/2016	2005 SE PINE ST	ENE 1/4 - 1/2 (0.488 mi.)	CW370	467
HEATING OIL TANK Facility ID: 26-15-0154 Cleanup Complete: 05/06/2015	1705 E BURNSIDE ST	NNE 1/4 - 1/2 (0.490 mi.)	CZ371	468
HEATING OIL TANK Facility ID: 26-12-1205 Cleanup Complete: 03/26/2013	1923 SE ASH ST	NE 1/4 - 1/2 (0.490 mi.)	372	468
HEATING OIL TANK Facility ID: 26-06-2164 Cleanup Complete: 03/14/2007	2126 SE TAYLOR ST	ESE 1/4 - 1/2 (0.491 mi.)	DE374	470
HEATING OIL TANK Facility ID: 26-10-1224 Cleanup Complete: 07/01/2013	515 E BURNSIDE ST	NNW 1/4 - 1/2 (0.492 mi.)	CQ375	470
HEATING OIL TANK	1715 E BURNSIDE ST	NE 1/4 - 1/2 (0.495 mi.)	CZ377	470

Facility ID: 26-04-1496 Cleanup Complete: 10/24/2012				
7-ELEVEN FOOD STORE Facility ID: 26-07-1841 Cleanup Complete: 03/03/2011	1930 SE HAWTHORNE BL	SE 1/4 - 1/2 (0.495 mi.)	378	471
HEATING OIL TANK Facility ID: 26-06-1811 Cleanup Complete: 06/21/2007	2101 SE MAIN ST	ESE 1/4 - 1/2 (0.497 mi.)	CR379	471
INSTRUMENT SALES & S Facility ID: 26-92-0112 Cleanup Complete: 11/09/1992	***33 NE 6TH AVE***	***NNW 1/4 - 1/2 (0.497 mi.)***	***380***	***471***
HEATING OIL TANK Facility ID: 26-95-0066	1831 SE ANKENY	NE 1/4 - 1/2 (0.498 mi.)	DC381	472
TICE ELECTRIC COMPAN Facility ID: 26-07-0463 Facility ID: 26-90-0168 Cleanup Complete: 06/08/2007 Cleanup Complete: 05/21/1990	***2139 SE BELMONT ST***	***E 1/4 - 1/2 (0.499 mi.)***	***DD382***	***472***
HEATING OIL TANK Facility ID: 26-97-0513 Cleanup Complete: 08/21/1997	2023 SE MADISON	ESE 1/4 - 1/2 (0.500 mi.)	384	473

Lower Elevation	Address	Direction / Distance	Map ID	Page
HEATING OIL TANK Facility ID: 26-07-1838 Cleanup Complete: 03/14/2008	***1117 SE MORRISON ST***	***NNW 0 - 1/8 (0.011 mi.)***	***A7***	***10***
MULTNOMAH COUNTY Facility ID: 26-97-0232 Cleanup Complete: 01/31/2001	***1040 SE MORRISON ST***	***WNW 0 - 1/8 (0.020 mi.)***	***A10***	***11***
GARDNER & RANCHERS P Facility ID: 26-02-0032 Cleanup Complete: 03/22/2005	1004-1036 SE BELMONT	SW 0 - 1/8 (0.034 mi.)	C27	21
HEATING OIL TANK Facility ID: 26-07-1806 Cleanup Complete: 03/06/2008	1007 SE 12TH AVE	S 0 - 1/8 (0.065 mi.)	42	33
PEPPER BOX CAFE Facility ID: 26-15-1296 Cleanup Complete: 04/06/2018	932-940 SE MORRISON	W 0 - 1/8 (0.070 mi.)	F45	34
SE 9TH AND BELMONT Facility ID: 26-16-0200 Cleanup Complete: 08/15/2016	915 SE BELMONT STREE	W 0 - 1/8 (0.088 mi.)	F57	48
DEWART AND LIVESLEY Facility ID: 26-05-1266 Cleanup Complete: 12/02/2005	930 SE 9TH AVENUE	WSW 0 - 1/8 (0.103 mi.)	I65	55
HEATING OIL TANK Facility ID: 26-15-1576 Cleanup Complete: 12/03/2015	820 SE ALDER ST	WNW 1/8 - 1/4 (0.127 mi.)	L72	58
HEATING OIL TANK Facility ID: 26-12-1034	1135 SE SALMON ST	S 1/8 - 1/4 (0.140 mi.)	M80	66

Cleanup Complete: 04/29/2014				
THOEN TRUCK RENTALS Facility ID: 26-90-0257 Cleanup Complete: 08/08/1990	***526 SE 9TH***	***NW 1/8 - 1/4 (0.152 mi.)***	***S84***	***75***
OREGON BRASS WORKS Facility ID: 26-90-0038 Cleanup Complete: 11/19/1990	***1127 SE 10TH AVE***	***SSW 1/8 - 1/4 (0.152 mi.)***	***O85***	***76***
POWELL DISTRIBUTING Facility ID: 26-07-1034	***734 SE MORRISON***	***W 1/8 - 1/4 (0.169 mi.)***	***91***	***106***
HEATING OIL TANK Facility ID: 26-16-1577 Cleanup Complete: 04/07/2017	1006 SE SALMON ST	SSW 1/8 - 1/4 (0.170 mi.)	O92	107
HEATING OIL TANK Facility ID: 26-18-0627	910 SE STARK ST	NW 1/8 - 1/4 (0.170 mi.)	S95	108
HEATING OIL TANK Facility ID: 26-15-0150 Cleanup Complete: 05/12/2015	731 SE YAMHILL ST	WSW 1/8 - 1/4 (0.173 mi.)	Q99	112
HEATING OIL TANK Facility ID: 26-10-1133 Cleanup Complete: 03/25/2011	1306 SE SALMON ST	SSE 1/8 - 1/4 (0.177 mi.)	X102	117
HEATING OIL TANK Facility ID: 26-03-1725 Cleanup Complete: 12/17/2003	928-940 SE 7TH	WSW 1/8 - 1/4 (0.191 mi.)	AB117	129
HEATING OIL TANK Facility ID: 26-92-0072	1020 SE 7TH	WSW 1/8 - 1/4 (0.204 mi.)	AD123	132
PERRIN PROPERTY Facility ID: 26-04-0243 Cleanup Complete: 03/09/2004	931 SE 7TH AVE	WSW 1/8 - 1/4 (0.207 mi.)	AB125	135
HEATING OIL TANK Facility ID: 26-15-1798 Cleanup Complete: 02/10/2016	425 SE 9TH AVE	NW 1/8 - 1/4 (0.210 mi.)	AH132	144
CARSON OIL - SE 8TH Facility ID: 26-14-0533 Cleanup Complete: 01/12/2015	***1208 SE 8TH AVE.***	***SW 1/8 - 1/4 (0.213 mi.)***	***AJ134***	***145***
CARSON OIL CO INC Facility ID: 26-90-0440 Cleanup Complete: 01/02/1996	***1208 SE 8TH AVE***	***SW 1/8 - 1/4 (0.213 mi.)***	***AJ135***	***151***
HEATING OIL TANK Facility ID: 26-02-5648 Cleanup Complete: 06/17/2002	820 SE SANDY BLVD	NW 1/8 - 1/4 (0.219 mi.)	AH140	152
HEATING OIL TANK Facility ID: 26-06-0137 Cleanup Complete: 03/30/2006	1306 SE MAIN ST	SSE 1/8 - 1/4 (0.221 mi.)	X141	153
HEATING OIL TANK Facility ID: 26-17-1341 Cleanup Complete: 12/01/2017	834 SE SANDY BLVD	NNW 1/8 - 1/4 (0.223 mi.)	AH142	153
HEATING OIL TANK Facility ID: 26-06-0081 Cleanup Complete: 04/04/2006	1304 SE MAIN ST	SSE 1/8 - 1/4 (0.224 mi.)	AM143	153
7TH & ALDER CARDLOCK	***635 SE 7TH***	***WNW 1/8 - 1/4 (0.225 mi.)***	***AG145***	***154***

Facility ID: 26-06-0758 Facility ID: 26-97-0521 Cleanup Complete: 08/25/2011 Cleanup Complete: 06/04/1999				
HEATING OIL TANK Facility ID: 26-06-0360 Cleanup Complete: 03/28/2007	1315 SE 13TH AVE UNI	SSE 1/8 - 1/4 (0.226 mi.)	AM146	163
HEATING OIL TANK Facility ID: 26-17-1398 Cleanup Complete: 05/08/2018	1314 SE MAIN ST	SSE 1/8 - 1/4 (0.227 mi.)	AM147	164
HEATING OIL TANK Facility ID: 26-02-1224 Cleanup Complete: 01/14/2003	630 SE YAMHILL STREE	WSW 1/8 - 1/4 (0.228 mi.)	AD149	164
HEATING OIL TANK Facility ID: 26-14-0889 Cleanup Complete: 08/04/2014	811 SE MAIN ST	SW 1/8 - 1/4 (0.229 mi.)	AF151	165
HEATING OIL TANK Facility ID: 26-16-0962 Cleanup Complete: 08/29/2016	600 SE BELMONT ST #6	W 1/8 - 1/4 (0.237 mi.)	AO154	168
HEATING OIL TANK Facility ID: 26-17-1424	1414 SE MAIN ST	SSE 1/8 - 1/4 (0.247 mi.)	AQ161	175
CUSTOM STAMPING SITE Facility ID: 26-16-0783 Cleanup Complete: 09/12/2016	***1340 SE 9TH AVE.***	***SSW 1/4 - 1/2 (0.253 mi.)***	***AR164***	***176***
HEATING OIL TANK Facility ID: 26-06-0885	626 SE STARK ST	NW 1/4 - 1/2 (0.260 mi.)	AS167	178
REFRIGERATION SUPPLI Facility ID: 26-95-0350 Cleanup Complete: 04/10/1996	***740 SE OAK STREET***	***NW 1/4 - 1/2 (0.262 mi.)***	***168***	***179***
MOORE, DAVE Facility ID: 26-15-1366 Cleanup Complete: 03/17/2016	1120 SE MADISON ST	S 1/4 - 1/2 (0.262 mi.)	AT169	179
OR FLOWER GROWERS AS Facility ID: 26-91-0439 Cleanup Complete: 11/28/1991	***1106 SE 6TH AVE***	***WSW 1/4 - 1/2 (0.266 mi.)***	***AU171***	***180***
HEATING OIL TANK Facility ID: 26-05-0666 Cleanup Complete: 10/17/2005	1330-36 SE 14TH AVE	SSE 1/4 - 1/2 (0.266 mi.)	AQ172	180
HEATING OIL TANK Facility ID: 26-03-2160 Cleanup Complete: 12/18/2007	519-535 SE MORRISON	W 1/4 - 1/2 (0.267 mi.)	AV174	181
HEATING OIL TANK Facility ID: 26-03-1141 Cleanup Complete: 07/10/2003	1304 SE MADISON STRE	SSE 1/4 - 1/2 (0.271 mi.)	AX176	181
HEATING OIL TANK Facility ID: 26-15-1002 Cleanup Complete: 09/22/2015	940 SE MADISON ST	SSW 1/4 - 1/2 (0.274 mi.)	AR177	181
HEATING OIL TANK Facility ID: 26-91-0460	1105 SE 6TH	WSW 1/4 - 1/2 (0.276 mi.)	AU179	182

Cleanup Complete: 12/23/1991				
HEATING OIL TANK Facility ID: 26-05-2381 Facility ID: 26-09-1147 Cleanup Complete: 12/11/2006 Cleanup Complete: 05/04/2010	600 SE STARK ST	WNW 1/4 - 1/2 (0.276 mi.)	AS180	182
HEATING OIL TANK Facility ID: 26-04-1235 Cleanup Complete: 08/27/2004	1337 SE 15TH AVENUE	SSE 1/4 - 1/2 (0.279 mi.)	AQ183	183
CALDWELL PROPERTY Facility ID: 26-17-0020 Cleanup Complete: 01/22/2018	521 SE TAYLOR ST.	WSW 1/4 - 1/2 (0.282 mi.)	AU184	183
HEATING OIL TANK Facility ID: 26-97-0462	1404 SE MADISON STRE	SSE 1/4 - 1/2 (0.287 mi.)	AZ185	184
HEATING OIL TANK Facility ID: 26-98-0875 Cleanup Complete: 11/19/1998	1310 SE 7TH AVENUE	SW 1/4 - 1/2 (0.287 mi.)	BA186	184
BRADSHAW AUTO SERVIC Facility ID: 26-93-0072 Cleanup Complete: 04/07/1994	1021 SE HAWTHORNE BL	S 1/4 - 1/2 (0.287 mi.)	AT187	184
HEATING OIL TANK Facility ID: 26-92-0157 Cleanup Complete: 07/12/1993	1309 SE HAWTHORNE	S 1/4 - 1/2 (0.291 mi.)	AX190	185
HEATING OIL TANK Facility ID: 26-14-0434	720 SE GRAND AVE	W 1/4 - 1/2 (0.294 mi.)	AV192	186
HEATING OIL TANK Facility ID: 26-05-2578 Cleanup Complete: 01/19/2006	602 SE SALMON ST	WSW 1/4 - 1/2 (0.295 mi.)	AU194	248
SPACE AGE FUELS Facility ID: 26-92-0208 Cleanup Complete: 12/22/2014	***1237 SE HAWTHORNE BL***	***S 1/4 - 1/2 (0.297 mi.)***	***BE195***	***249***
HEATING OIL TANK Facility ID: 26-16-1137 Cleanup Complete: 01/22/2018	1335 SE HAWTHORNE BL	SSE 1/4 - 1/2 (0.298 mi.)	AX197	251
HEATING OIL TANK Facility ID: 26-01-5327 Cleanup Complete: 06/04/2001	1413 SE 15TH AVE	SSE 1/4 - 1/2 (0.305 mi.)	AZ202	268
BROADWAY ELECTRIC IN Facility ID: 26-11-0036 Cleanup Complete: 04/25/2012	***626 SE MAIN***	***SW 1/4 - 1/2 (0.307 mi.)***	***BA203***	***268***
HEATING OIL TANK Facility ID: 26-96-0195 Cleanup Complete: 05/29/1996	1504 SE MADISON	SSE 1/4 - 1/2 (0.310 mi.)	BH206	269
HEATING OIL TANK Facility ID: 26-97-0312 Cleanup Complete: 09/22/1997	425 SE 6TH	NW 1/4 - 1/2 (0.312 mi.)	BJ208	270
BOTTORF PROPERTY Facility ID: 26-11-0356	1212 SE HAWTHORNE BL	S 1/4 - 1/2 (0.314 mi.)	BE209	270
HEATING OIL TANK	1512 SE MADISON ST	SE 1/4 - 1/2 (0.315 mi.)	BH211	271

Facility ID: 26-01-5678				
MR CAR WASH	***510 SE GRAND AVE***	***WNW 1/4 - 1/2 (0.319 mi.)***	***BK214***	***271***
Facility ID: 26-13-0136				
Cleanup Complete: 09/04/2013				
MR. CAR WASH, LLC	***510 SE GRAND AVE***	***WNW 1/4 - 1/2 (0.319 mi.)***	***BK215***	***275***
Facility ID: 26-91-0197				
Cleanup Complete: 03/05/1992				
JACKSON FOOD STORES	***621 SE GRAND AVE***	***WNW 1/4 - 1/2 (0.319 mi.)***	***BK216***	***275***
Facility ID: 26-07-1251				
Cleanup Complete: 07/24/2009				
HEATING OIL TANK	***1435 SE HAWTHORNE BL***	***SSE 1/4 - 1/2 (0.319 mi.)***	***AZ217***	***276***
Facility ID: 26-14-0693				
Cleanup Complete: 09/16/2014				
HEATING OIL TANK	340 SE 6TH AVE	NW 1/4 - 1/2 (0.321 mi.)	BJ219	277
Facility ID: 26-03-2048				
Cleanup Complete: 11/21/2003				
BROWN OLDSMOBILE CO.	***1005 SE GRAND AVE***	***WSW 1/4 - 1/2 (0.324 mi.)***	***BF220***	***277***
Facility ID: 26-89-0174				
Cleanup Complete: 03/11/1992				
SWEET HOME DIVISION	***1524 SE LADD AVE***	***S 1/4 - 1/2 (0.327 mi.)***	***BE221***	***277***
Facility ID: 26-06-1577				
Cleanup Complete: 12/05/2006				
HEATING OIL TANK	1407 SE 16TH	SE 1/4 - 1/2 (0.327 mi.)	BH222	278
Facility ID: 26-13-0671				
Cleanup Complete: 07/09/2013				
HEATING OIL TANK	***234 SE 7TH***	***NW 1/4 - 1/2 (0.329 mi.)***	***223***	***278***
Facility ID: 26-01-5130				
Cleanup Complete: 03/22/2001				
LADD'S GAS & FOOD	***1525 SE LADD AVE***	***S 1/4 - 1/2 (0.329 mi.)***	***BE224***	***281***
Facility ID: 26-92-0288				
HEATING OIL TANK	1513 SE MAPLE	SSE 1/4 - 1/2 (0.333 mi.)	BN227	282
Facility ID: 26-01-6599				
Cleanup Complete: 03/08/2002				
JERRY HERING	1426 SE HAWTHORNE BO	SSE 1/4 - 1/2 (0.335 mi.)	BN228	283
Facility ID: 26-12-0791				
Cleanup Complete: 09/05/2012				
HEATING OIL TANK	1540 SE LADD AVE	S 1/4 - 1/2 (0.337 mi.)	BN229	283
Facility ID: 26-12-0110				
Cleanup Complete: 08/01/2012				
IMAGE CONTROL SYSTEM	***310 SE 6TH AVE***	***NW 1/4 - 1/2 (0.338 mi.)***	***BO232***	***289***
Facility ID: 26-97-0821				
Cleanup Complete: 03/19/1998				
HEATING OIL TANK	509 SE GRAND AVE	WNW 1/4 - 1/2 (0.343 mi.)	BK235	290
Facility ID: 26-16-0589				
Cleanup Complete: 09/15/2016				
BILLINGS & CRONN COM	***1535 SE 9TH AVE***	***SSW 1/4 - 1/2 (0.346 mi.)***	***236***	***290***
Facility ID: 26-91-0248				
Cleanup Complete: 03/17/1995				
HEATING OIL TANK	1529 SE MAPLE AVENUE	SSE 1/4 - 1/2 (0.347 mi.)	BN238	291

Facility ID: 26-02-1459 Cleanup Complete: 02/13/2003				
HEATING OIL TANK Facility ID: 26-93-6011 Cleanup Complete: 06/08/1993	601 SE MADISON	SW 1/4 - 1/2 (0.353 mi.)	BS243	293
HEATING OIL TANK Facility ID: 26-15-1645 Cleanup Complete: 02/09/2016	1500 SE HAWTHORNE BL	SSE 1/4 - 1/2 (0.356 mi.)	BU246	309
LADD INN TAVERN Facility ID: 26-08-0037 Cleanup Complete: 10/28/2008	1204 SE CLAY ST	S 1/4 - 1/2 (0.362 mi.)	BW250	323
HEATING OIL TANK Facility ID: 26-04-1852 Cleanup Complete: 07/13/2005	1541 SE MAPLE AVE	SSE 1/4 - 1/2 (0.363 mi.)	BN251	323
HEATING OIL TANK Facility ID: 26-03-0665 Cleanup Complete: 06/06/2003	1549 SE LADD AVENUE	S 1/4 - 1/2 (0.363 mi.)	BW253	324
HEATING OIL TANK Facility ID: 26-13-0843 Cleanup Complete: 10/16/2013	1620 SE LADD AVE	SSE 1/4 - 1/2 (0.364 mi.)	BN254	324
HEATING OIL TANK Facility ID: 26-12-0590 Cleanup Complete: 09/21/2012	700 SE HAWTHORNE BLV	SSW 1/4 - 1/2 (0.365 mi.)	BV255	324
HEATING OIL TANK Facility ID: 26-07-0845 Cleanup Complete: 11/05/2007	1556 SE MAPLE AVE	SSE 1/4 - 1/2 (0.365 mi.)	BU256	325
WENTWORTH CHEVROLET Facility ID: 26-91-0192 Cleanup Complete: 08/30/2000	***210 SE 6TH AVE***	***NW 1/4 - 1/2 (0.367 mi.)***	***BO257***	***325***
HEATING OIL TANK Facility ID: 26-04-0269 Cleanup Complete: 04/08/2004	1544 SE HAWTHORNE BL	SSE 1/4 - 1/2 (0.373 mi.)	BU261	326
RTC Facility ID: 26-92-0325 Cleanup Complete: 08/28/1996	601 SE HAWTHORNE	SW 1/4 - 1/2 (0.378 mi.)	BS263	327
HEATING OIL TANK Facility ID: 26-08-0300 Cleanup Complete: 04/17/2008	1638 SE LADD AVE	SSE 1/4 - 1/2 (0.379 mi.)	BX264	327
HEATING OIL TANK Facility ID: 26-01-5153 Cleanup Complete: 03/22/2001	1509 SE HOLLY ST	SSE 1/4 - 1/2 (0.382 mi.)	BU268	328
AMATO BROTHERS ENTER Facility ID: 26-01-0006 Cleanup Complete: 05/11/2001	515 SE MARTIN LUTHER	WNW 1/4 - 1/2 (0.383 mi.)	BY269	328
HEATING OIL TANK Facility ID: 26-91-0424 Cleanup Complete: 11/26/2004	1632 SE 11TH	S 1/4 - 1/2 (0.384 mi.)	270	328
HEATING OIL TANK Facility ID: 26-06-1497	1517 SE HOLLY ST	SSE 1/4 - 1/2 (0.386 mi.)	BU272	329

Cleanup Complete: 04/16/2007				
HEATING OIL TANK Facility ID: 26-07-0894 Cleanup Complete: 10/08/2007	1644 SE LADD AVE	SSE 1/4 - 1/2 (0.387 mi.)	BX273	329
GOFORTH, P HOT Facility ID: 26-90-0427	***538 SE ASH***	***NW 1/4 - 1/2 (0.391 mi.)***	***CC279***	***335***
HEATING OIL TANK Facility ID: 26-05-0382 Cleanup Complete: 04/28/2010	1543 SE HOLLY ST	SSE 1/4 - 1/2 (0.396 mi.)	BU281	336
A-N-T TIRE & WHEEL Facility ID: 26-89-0211 Cleanup Complete: 06/20/1996	***437 SE UNION AVE***	***WNW 1/4 - 1/2 (0.398 mi.)***	***282***	***336***
TRASHCO INC. Facility ID: 26-12-0910 Facility ID: 26-90-0186 Cleanup Complete: 04/13/2017 Cleanup Complete: 03/12/1992	***1630 SE 8TH AVE***	***SSW 1/4 - 1/2 (0.400 mi.)***	***CF284***	***337***
HEATING OIL TANK Facility ID: 26-00-0702 Cleanup Complete: 06/13/2000	237 SE MLK JR. BLVD	NW 1/4 - 1/2 (0.402 mi.)	CC286	338
HEATING OIL TANK Facility ID: 26-04-1201 Cleanup Complete: 01/13/2005	437 SE MLK JR BLVD	WNW 1/4 - 1/2 (0.402 mi.)	BY287	338
HEATING OIL TANK Facility ID: 26-13-0606 Cleanup Complete: 05/28/2013	700 SE CLAY ST	SSW 1/4 - 1/2 (0.406 mi.)	CF288	338
NOR-AIR BUILDING Facility ID: 26-91-0097 Cleanup Complete: 03/05/1992	***933 SE 3RD ST***	***W 1/4 - 1/2 (0.414 mi.)***	***CI295***	***343***
HEATING OIL TANK Facility ID: 26-09-0268 Cleanup Complete: 10/02/2009	1615 SE HOLLY	SE 1/4 - 1/2 (0.420 mi.)	CJ299	344
HEATING OIL TANK Facility ID: 26-15-1641 Cleanup Complete: 11/22/2016	1615 SE MAPLE AVE	SSE 1/4 - 1/2 (0.421 mi.)	CK300	344
HEATING OIL TANK Facility ID: 26-99-1294 Cleanup Complete: 05/23/2000	1719 SE LADD AVE	SSE 1/4 - 1/2 (0.422 mi.)	BX301	345
HEATING OIL TANK Facility ID: 26-07-0575 Cleanup Complete: 09/12/2007	1625 SE HOLLY ST	SE 1/4 - 1/2 (0.425 mi.)	CJ305	346
HEATING OIL TANK Facility ID: 26-96-0255 Cleanup Complete: 05/29/1996	202 SE YAMHILL	W 1/4 - 1/2 (0.429 mi.)	CI306	346
HEATING OIL TANK Facility ID: 26-98-0076	1727 SE LADD AVENUE	SSE 1/4 - 1/2 (0.429 mi.)	CL307	346
HEATING OIL TANK Facility ID: 26-01-5803 Cleanup Complete: 08/23/2001	1737 SE 12TH AVE	S 1/4 - 1/2 (0.433 mi.)	CM310	347
PACIFIC TOWN AND CAR	1750 SE 9TH AVE	SSW 1/4 - 1/2 (0.436 mi.)	CN312	352

Facility ID: 26-94-0125 Cleanup Complete: 06/21/2004				
HEATING OIL TANK Facility ID: 26-13-0636 Cleanup Complete: 01/07/2014	1606 SE HOLLY ST	SSE 1/4 - 1/2 (0.436 mi.)	CJ313	352
HEATING OIL TANK Facility ID: 26-11-0216 Cleanup Complete: 06/07/2011	200 SE MLK JR BLVD	NW 1/4 - 1/2 (0.442 mi.)	CP316	354
INDUSTRIAL HOME (FOR Facility ID: 26-11-0620 Cleanup Complete: 08/29/2011	***200 SE M L KING BLVD***	***NW 1/4 - 1/2 (0.442 mi.)***	***CP317***	***355***
HEATING OIL TANK Facility ID: 26-09-0255 Cleanup Complete: 06/02/2009	1442 SE PALM ST	SSE 1/4 - 1/2 (0.446 mi.)	CK320	357
HEATING OIL TANK Facility ID: 26-03-1861 Cleanup Complete: 12/29/2003	1630 SE HOLLY STREET	SE 1/4 - 1/2 (0.450 mi.)	CJ321	358
WENTWORTH CHEVROLET Facility ID: 26-91-0346 Cleanup Complete: 02/23/2005	***107 SE GRAND AVE***	***NW 1/4 - 1/2 (0.453 mi.)***	***322***	***358***
HEATING OIL TANK Facility ID: 26-10-0577 Cleanup Complete: 08/16/2010	1818 SE MULBERRY AVE	S 1/4 - 1/2 (0.455 mi.)	CL323	359
HEATING OIL TANK Facility ID: 26-18-0233	1640 SE HOLLY ST	SE 1/4 - 1/2 (0.457 mi.)	CJ324	359
HEATING OIL TANK Facility ID: 26-01-5417 Cleanup Complete: 04/30/2001	201 SE WASHINGTON	WNW 1/4 - 1/2 (0.460 mi.)	CS327	360
HEATING OIL TANK Facility ID: 26-89-0314 Cleanup Complete: 12/14/1989	SE THIRD & PINE (SE	WNW 1/4 - 1/2 (0.461 mi.)	328	360
HEATING OIL TANK Facility ID: 26-04-1934 Cleanup Complete: 11/01/2004	130 SE MORRISON	W 1/4 - 1/2 (0.464 mi.)	CT329	360
ALPINE FOOD DISTRIBU Facility ID: 26-05-1103 Cleanup Complete: 11/04/2008	205 SE STARK ST	WNW 1/4 - 1/2 (0.467 mi.)	CV336	362
HEATING OIL TANK Facility ID: 26-07-0471 Cleanup Complete: 10/23/2007	1718 SE 16TH AVE	SSE 1/4 - 1/2 (0.467 mi.)	338	363
SURBURBIA STUDIOS Facility ID: 26-08-1342 Cleanup Complete: 10/29/2010	***632 SE MARKET ST***	***SSW 1/4 - 1/2 (0.467 mi.)***	***339***	***363***
HEATING OIL TANK Facility ID: 26-12-0340 Cleanup Complete: 06/20/2012	1818 SE LADD AVE	SSE 1/4 - 1/2 (0.470 mi.)	CX342	405
HEATING OIL TANK Facility ID: 26-05-1211 Cleanup Complete: 04/06/2006	1816 SE 12TH AVE	S 1/4 - 1/2 (0.471 mi.)	CM343	405
HEATING OIL TANK	204 SE OAK ST	WNW 1/4 - 1/2 (0.472 mi.)	CV346	411

Facility ID: 26-07-0152 Cleanup Complete: 04/26/2007				
HEATING OIL TANK Facility ID: 26-06-1215 Cleanup Complete: 09/13/2006	115 SE YAMHILL ST	W 1/4 - 1/2 (0.472 mi.)	DA348	419
HEATING OIL TANK Facility ID: 26-02-5992 Cleanup Complete: 09/25/2002	1829 SE MULBERRY AVE	S 1/4 - 1/2 (0.473 mi.)	DB349	419
MERCHANTS MOTORCYCLE Facility ID: 26-92-0230 Cleanup Complete: 05/28/1997	***1810 SE 10TH***	***S 1/4 - 1/2 (0.475 mi.)***	***351***	***420***
HEATING OIL TANK Facility ID: 26-00-5553 Cleanup Complete: 09/07/2000	307 SE HAWTHORNE	SW 1/4 - 1/2 (0.476 mi.)	354	423
HEATING OIL TANK Facility ID: 26-03-0044 Cleanup Complete: 04/03/2003	1828 SE LADD AVENUE	SSE 1/4 - 1/2 (0.477 mi.)	CX356	444
HEATING OIL TANK Facility ID: 26-97-0307 Cleanup Complete: 09/11/1997	1825 SE 12TH AVENUE	S 1/4 - 1/2 (0.477 mi.)	CM357	444
GRAND & BENEDICTS BL Facility ID: 26-04-1768 Cleanup Complete: 01/21/2005	111 SE BELMONT	W 1/4 - 1/2 (0.482 mi.)	CT361	445
HEATING OIL TANK Facility ID: 26-01-5991	201 SE OAK ST	WNW 1/4 - 1/2 (0.482 mi.)	362	445
SALVATION ARMY REHAB Facility ID: 26-96-0268 Cleanup Complete: 06/20/1996	139 SE MARTIN LUTHER	NW 1/4 - 1/2 (0.484 mi.)	CP363	445
HEATING OIL TANK Facility ID: 26-11-0425 Cleanup Complete: 09/28/2011	1753 SE MAPLE ST	SSE 1/4 - 1/2 (0.486 mi.)	364	446
HEATING OIL TANK Facility ID: 26-13-0107 Cleanup Complete: 01/22/2014	1829-1831 SE LADD AV	SSE 1/4 - 1/2 (0.487 mi.)	CX366	446
HEATING OIL TANK Facility ID: 26-98-0033 Cleanup Complete: 02/04/2000	1300 SE 2ND AVENUE	WSW 1/4 - 1/2 (0.487 mi.)	DF367	446
HEATING OIL TANK Facility ID: 26-02-5416 Cleanup Complete: 05/23/2002	107 SE WASHINGTON ST	WNW 1/4 - 1/2 (0.487 mi.)	CS369	467
DEALERS SUPPLY COMPA Facility ID: 26-99-0197 Cleanup Complete: 07/22/2013	***110 SE WASHINGTON***	***WNW 1/4 - 1/2 (0.491 mi.)***	***CS373***	***468***
HEATING OIL TANK Facility ID: 26-16-1432 Cleanup Complete: 12/02/2016	1717 SE HAZEL ST	SE 1/4 - 1/2 (0.493 mi.)	376	470
HEATING OIL TANK Facility ID: 26-12-0455 Cleanup Complete: 10/16/2012	1925 SE LARCH AVE	S 1/4 - 1/2 (0.500 mi.)	DB383	472

State and tribal registered storage tank lists

OR UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Quality's UST List on Disk.

A review of the OR UST list, as provided by EDR, and dated 10/03/2018 has revealed that there are 20 OR UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PIACENTINI PROPERTY Facility ID: 12527	914 SE 12TH AVE	SE 0 - 1/8 (0.030 mi.)	B17	16
GEN44 LLC Facility ID: 12551	1205 SE MORRISON ST	NE 0 - 1/8 (0.031 mi.)	D20	19
CONTROL CONTRACTORS Facility ID: 4393	1235 SE BELMONT	ESE 0 - 1/8 (0.032 mi.)	B23	20
LEWIS BROS MEATS Facility ID: 10084	***1005 SE WASHINGTON S***	***NNW 0 - 1/8 (0.123 mi.)***	***N71***	***57***
FASPEC BRITISH PARTS Facility ID: 12291	***1036 SE STARK ST***	***NNW 1/8 - 1/4 (0.147 mi.)***	***N82***	***69***
CHILD SERVICE CENTER Facility ID: 10378	***531 SE 14TH AVE***	***NE 1/8 - 1/4 (0.154 mi.)***	***T87***	***101***
BATASCH FAMILY TRUST Facility ID: 10385	***1324 SE OAK***	***NNE 1/8 - 1/4 (0.208 mi.)***	***V126***	***135***
PIERRE'S FRENCH BAKE Facility ID: 7661	***1011 SE OAK ST***	***NNW 1/8 - 1/4 (0.219 mi.)***	***139***	***152***
ACTION TECHNOLOGY SY Facility ID: 11853	***835 SE 17TH AVENUE***	***E 1/8 - 1/4 (0.239 mi.)***	***AL155***	***168***

Lower Elevation	Address	Direction / Distance	Map ID	Page
MULTNOMAH COUNTY Facility ID: 11676	***1040 SE MORRISON ST***	***WNW 0 - 1/8 (0.020 mi.)***	***A10***	***11***
PEPPER BOX CAFE Facility ID: 12523	932 SE MORRISON ST #	W 0 - 1/8 (0.070 mi.)	F44	34
UNITED SALAD CO. (GA Facility ID: 9183	939 SE ALDER	NW 0 - 1/8 (0.102 mi.)	L64	54
KULLBERG PROPERTIES Facility ID: 11068	826 SE BELMONT	WSW 0 - 1/8 (0.120 mi.)	I70	57
HONEYWELL PROTECTION Facility ID: 1677	810 SE BELMONT ST	WSW 1/8 - 1/4 (0.139 mi.)	Q77	60
THOEN TRUCK RENTALS Facility ID: 10512	***526 SE 9TH***	***NW 1/8 - 1/4 (0.152 mi.)***	***S84***	***75***
OREGON BRASS WORKS Facility ID: 10179	***1127 SE 10TH AVE***	***SSW 1/8 - 1/4 (0.152 mi.)***	***O85***	***76***
POWELL DISTRIBUTING Facility ID: 6049	***734 SE MORRISON***	***W 1/8 - 1/4 (0.169 mi.)***	***91***	***106***
CARSON OIL CO INC	***1208 SE 8TH AVE***	***SW 1/8 - 1/4 (0.213 mi.)***	***AJ135***	***151***

Facility ID: 3475				
7TH & ALDER CARDLOCK Facility ID: 171	***635 SE 7TH***	***WNW 1/8 - 1/4 (0.225 mi.)***	***AG145***	***154***
STANDARD SUPPLY COMP Facility ID: 5975	934 SE 6TH AVE	WSW 1/8 - 1/4 (0.242 mi.)	AO158	173

OR AST: The Aboveground Storage Tank database contains registered ASTs. The data comes from the list of ASTs reported to the Office of State Fire Marshal.

A review of the OR AST list, as provided by EDR, and dated 09/05/2017 has revealed that there is 1 OR AST site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
OREGON AUTO SPRING S Facility Id: 015275	***920 SE STARK***	***NNW 1/8 - 1/4 (0.161 mi.)***	***N88***	***102***

State and tribal institutional control / engineering control registries

OR ENG CONTROLS: Engineering controls are physical measures selected or approved by the Director for the purpose of preventing or minimizing exposure to hazardous substances.Engineering controls may include, but are not limited to, fencing, capping, horizontal or vertical barriers, hydraulic controls, and alternative water supplies.

A review of the OR ENG CONTROLS list, as provided by EDR, and dated 01/01/2019 has revealed that there are 2 OR ENG CONTROLS sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
OREGON BRASS WORKS Site Id: 2550	***1127 SE 10TH AVE***	***SSW 1/8 - 1/4 (0.152 mi.)***	***O85***	***76***
SALVATION ARMY FACIL Site Id: 5555	***139 SE MARTIN LUTHER***	***NW 1/4 - 1/2 (0.476 mi.)***	***CP355***	***423***

OR INST CONTROL: Sites with Engineering or Institutional Controls.

A review of the OR INST CONTROL list, as provided by EDR, and dated 01/01/2019 has revealed that there is 1 OR INST CONTROL site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
OREGON BRASS WORKS Site Id: 2550	***1127 SE 10TH AVE***	***SSW 1/8 - 1/4 (0.152 mi.)***	***O85***	***76***

EXECUTIVE SUMMARY

State and tribal voluntary cleanup sites

OR VCP: Responsible parties have entered into an agreement with DEQ to voluntarily address contamination associated with their property.

A review of the OR VCP list, as provided by EDR, and dated 12/31/2018 has revealed that there are 12 OR VCP sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
1706 E BURNSIDE ECS Site ID: 6271	***1706 E BURNSIDE***	***NE 1/4 - 1/2 (0.471 mi.)***	***CZ345***	***406***

Lower Elevation	Address	Direction / Distance	Map ID	Page
GARDNER AND RANCHERS ECS Site ID: 4073	***1004 SE BELMONT ST.***	***SW 0 - 1/8 (0.034 mi.)***	***C28***	***21***
BRIGHT DAY COMMERCIA ECS Site ID: 4977	***810 SE BELMONT ST***	***WSW 1/8 - 1/4 (0.139 mi.)***	***Q78***	***61***
OREGON BRASS WORKS ECS Site ID: 2550	***1127 SE 10TH AVE***	***SSW 1/8 - 1/4 (0.152 mi.)***	***O85***	***76***
EXHAUST SPECIALTIES ECS Site ID: 6120	***700 SE BELMONT ST.***	***W 1/8 - 1/4 (0.186 mi.)***	***AB109***	***122***
SPIKES AUTO UPHOLSTE ECS Site ID: 5554	***726 SE 6TH AVE.***	***WNW 1/8 - 1/4 (0.241 mi.)***	***AG156***	***168***
CUSTOM STAMPING SITE ECS Site ID: 6166	***1340 SE 9TH AVE.***	***SSW 1/4 - 1/2 (0.253 mi.)***	***AR164***	***176***
OREGON PLATING COMPA ECS Site ID: 4925	***436 SE 6TH AVE***	***NW 1/4 - 1/2 (0.294 mi.)***	***AS193***	***186***
GRAND AVENUE 7-ELEVE ECS Site ID: 6199	***1024 SE GRAND AVE.***	***WSW 1/4 - 1/2 (0.302 mi.)***	***BF200***	***252***
MR FORMAL INC ECS Site ID: 5904	***1205 SE GRAND AVE***	***WSW 1/4 - 1/2 (0.356 mi.)***	***BR245***	***293***
OECO CORP. - PORTLAN ECS Site ID: 1667	***712 SE HAWTHORNE BLV***	***SSW 1/4 - 1/2 (0.362 mi.)***	***BV247***	***309***
SALVATION ARMY FACIL ECS Site ID: 5555	***139 SE MARTIN LUTHER***	***NW 1/4 - 1/2 (0.476 mi.)***	***CP355***	***423***

State and tribal Brownfields sites

Brownfields investigations and/or cleanups that have been conducted in Oregon.

A review of the OR BROWNFIELDS list, as provided by EDR, and dated 11/01/2018 has revealed that there is 1 OR BROWNFIELDS site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
SALVATION ARMY FACIL Status: Consent Decree	***139 SE MARTIN LUTHER***	***NW 1/4 - 1/2 (0.476 mi.)***	***CP355***	***423***

envid: 5555

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

WA SWRCY: A llisting of recycling center locations.

A review of the WA SWRCY list, as provided by EDR, and dated 10/25/2018 has revealed that there are 3 WA SWRCY sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HIPPO HARDWARE AND T	1040 E. BURNSIDE ST	N 1/4 - 1/2 (0.389 mi.)	BZ276	330

Lower Elevation	Address	Direction / Distance	Map ID	Page
KNEZ BUILDING MATERI	519 SE MAIN ST	SW 1/4 - 1/2 (0.352 mi.)	BR242	292
FREE GEEK	1731 SE 10TH AVENUE	S 1/4 - 1/2 (0.434 mi.)	CN311	347

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/01/2018 has revealed that there are 20 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
REX ARMS APARTMENTS EPA ID:: ORQ000007393	1230 SE MORRISON ST	ENE 0 - 1/8 (0.039 mi.)	D32	28
ODEQ SE 13TH DRUG SI EPA ID:: ORD980987804	***924 SE 13TH***	***ESE 0 - 1/8 (0.075 mi.)***	***G48***	***35***
BALDWIN & FOSTER PRI EPA ID:: ORD990821035	***1237 SE STARK ST***	***NNE 1/8 - 1/4 (0.170 mi.)***	***V94***	***107***
SECURITY SIGNS EPA ID:: ORD009055740	***436 SE 12TH AVE***	***NNE 1/8 - 1/4 (0.171 mi.)***	***R97***	***109***
RAINBOW AUTO BODY EPA ID:: ORD980977177	***1301 SE STARK***	***NNE 1/8 - 1/4 (0.179 mi.)***	***V104***	***119***
BRESSIE CO EPA ID:: OR0000991679	***922 SE OAK ST***	***NNW 1/8 - 1/4 (0.209 mi.)***	***AE130***	***140***

Lower Elevation	Address	Direction / Distance	Map ID	Page
MAR-LAC DISTRIBUTORS	***1001 SE MORRISON ST***	***WNW 0 - 1/8 (0.044 mi.)***	***E34***	***30***

EPA ID:: ORQ000011080				
METRO METRIC AUTOMOT	***715 SE 10TH AVE***	***NW 0 - 1/8 (0.079 mi.)***	***F49***	***37***
EPA ID:: ORQ000008359				
NAPA AUTO PARTS	***730 SOUTHEAST 9TH***	***WNW 0 - 1/8 (0.101 mi.)***	***F63***	***52***
EPA ID:: ORD987200383				
UNIQUE PRODUCTS INC	***1106 SE TAYLOR ST***	***S 0 - 1/8 (0.112 mi.)***	***M69***	***56***
EPA ID:: ORD982654683				
AIR FILTER SALES AND	***1138 SE 10TH AVE***	***SSW 1/8 - 1/4 (0.135 mi.)***	***O75***	***59***
EPA ID:: ORD009422213				
OREGON BRASS WORKS	***1127 SE 10TH AVE***	***SSW 1/8 - 1/4 (0.152 mi.)***	***O85***	***76***
EPA ID:: ORD009025644				
ASSOCIATED HOSE PROD	***801 SOUTHEAST ALDER***	***WNW 1/8 - 1/4 (0.163 mi.)***	***89***	***104***
EPA ID:: ORD008934242				
CASCADE COIL DRAPERY	***1239 SE 12TH AVE***	***S 1/8 - 1/4 (0.187 mi.)***	***Y110***	***125***
EPA ID:: ORR000000232				
FRICTION PRODUCTS MF	***1001 SE MAIN ST***	***SSW 1/8 - 1/4 (0.193 mi.)***	***119***	***130***
EPA ID:: ORD068783679				
AIR PRODUCTS AND CHE	***915 SE 7TH AVE***	***W 1/8 - 1/4 (0.206 mi.)***	***AB124***	***132***
EPA ID:: ORQ000009050				
FORWARDERS TRANSFER	***1240 SE 9TH AVE***	***SSW 1/8 - 1/4 (0.208 mi.)***	***AF128***	***136***
EPA ID:: ORD981761661				
CITIZENS GRAPHIC ART	***709 SE 7TH AVE***	***WNW 1/8 - 1/4 (0.209 mi.)***	***AG129***	***137***
EPA ID:: ORD987191681				
PACIFIC COLOR PLATE	425 SE 9TH AVE	NW 1/8 - 1/4 (0.210 mi.)	AH131	143
EPA ID:: ORQ000012260				
DAVID EMMITE PHOTOGR	***615 SE ALDER STE 300***	***WNW 1/8 - 1/4 (0.243 mi.)***	***AG160***	***173***
EPA ID:: ORQ000017525				

OR MANIFEST: Hazardous waste manifest information.

A review of the OR MANIFEST list, as provided by EDR, and dated 12/31/2017 has revealed that there are 5 OR MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DCBS OR OSHA OCCUPAT	***505 SE 12TH AVE***	***N 1/8 - 1/4 (0.143 mi.)***	***R81***	***66***
Status: CEG				
EPA Id: ORQ000003095				

Lower Elevation	Address	Direction / Distance	Map ID	Page
METRO METRIC AUTOMOT	***715 SE 10TH AVE***	***NW 0 - 1/8 (0.079 mi.)***	***F49***	***37***
Status: CEG				
EPA Id: ORQ000008359				
PRECISION ELECTRO CO	***1124 SE 11TH AVENUE***	***S 1/8 - 1/4 (0.150 mi.)***	***M83***	***70***
Status: SQG				
Status: Small quantity generator				
Status: Conditionally exempt generator				

EPA Id: ORD987201373

ENVIRONMENTAL BUILDI	***819 SE TAYLOR ST***	***SW 1/8 - 1/4 (0.175 mi.)***	***100***	***112***
Status: CEG				
EPA Id: ORQ000010439				
CITIZENS GRAPHIC ART	***709 SE 7TH AVE***	***WNW 1/8 - 1/4 (0.209 mi.)***	***AG129***	***137***
Status: CEG				
EPA Id: ORD987191681				

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

A review of the EDR MGP list, as provided by EDR, has revealed that there are 3 EDR MGP sites within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
EAST PORTLAND GAS WO	110 SE 2ND AVE. & 5	NW 1/2 - 1 (0.527 mi.)	DG388	487
PORTLAND GAS LIGHT C	SE ANKENY ST	NW 1/2 - 1 (0.548 mi.)	DG392	510
PORTLAND GAS AND COK	2620 SE 9TH AVE	S 1/2 - 1 (0.893 mi.)	DL421	1656

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 20 EDR Hist Auto sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
STEWART DONALD	804 SE 12TH AVE	ENE 0 - 1/8 (0.009 mi.)	A6	9
MOMSON TEXACO STATIO	1135 SE MORRISON ST	NNW 0 - 1/8 (0.011 mi.)	A8	10
OLDE GAS HOUSE THE	1206 SE BELMONT ST	SE 0 - 1/8 (0.024 mi.)	B12	12
CAMP BOB SERVICE	1205 SE MORRISON ST	NE 0 - 1/8 (0.031 mi.)	D21	19
LARRY S GARAGE	1251 BELMONT	ESE 0 - 1/8 (0.035 mi.)	B29	27
HARE DOKTOR V W SERV	720 SE 11TH AVE	NNW 0 - 1/8 (0.039 mi.)	E31	28
GREINER S GARAGE	1258 BELMONT	ESE 0 - 1/8 (0.047 mi.)	B37	32

Lower Elevation	Address	Direction / Distance	Map ID	Page
SIMMONS JERRY AUTO B	945 SE 12TH AVE	SSE 0 - 1/8 (0.027 mi.)	B14	15

EXECUTIVE SUMMARY

Lower Elevation	Address	Direction / Distance	Map ID	Page
BURNHAM ORIE C	1034 BELMONT	SW 0 - 1/8 (0.029 mi.)	C15	15
CHRIS S SERVICE STAT	1051 BELMONT	WSW 0 - 1/8 (0.030 mi.)	C16	16
BRADSHAW SERVICE CEN	909 SE 12TH AVE	SSE 0 - 1/8 (0.030 mi.)	B18	16
WHITE S AL ALIGNMENT	1001 SE MORRISON	WNW 0 - 1/8 (0.044 mi.)	E35	31
P M X INC	813 SE 10TH AVE	WNW 0 - 1/8 (0.058 mi.)	F40	33
CHIEF OF BRAKES AND	926 SE MORRISON ST	W 0 - 1/8 (0.074 mi.)	F46	34
STANTON CO AUTO C BR	936 SE BELMONT ST	WSW 0 - 1/8 (0.086 mi.)	I55	48
HARRIS AND KARR	915 SE BELMONT	W 0 - 1/8 (0.088 mi.)	F56	48
GLOBE SERVICE STATIO	1002 SE 10TH AVE	SW 0 - 1/8 (0.090 mi.)	J58	49
PIERCE L H AUTO SERV	938 SE 9TH AVE	WSW 0 - 1/8 (0.103 mi.)	I66	55
WEBERS GARAGE	900 BELMONT	WSW 0 - 1/8 (0.103 mi.)	I67	55
HIBBARD AND BARR GAR	1037 SE TAYLOR	SSW 0 - 1/8 (0.106 mi.)	J68	55

EDR Hist Cleaner: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there are 14 EDR Hist Cleaner sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LAURELHURST CLEANERS	1260 BELMONT	ESE 0 - 1/8 (0.047 mi.)	B36	32
BORDEAUX INC	708 SE 11TH AVE	NNW 0 - 1/8 (0.049 mi.)	E38	32
STORNS RICHD L	1338 BELMONT	ESE 0 - 1/8 (0.075 mi.)	G47	35
PRESTO CLEANERS	1320 SE MORRISON	E 0 - 1/8 (0.082 mi.)	H50	44
PRESTO CLEANERS	1328 SE MORRISON ST	E 0 - 1/8 (0.084 mi.)	H52	45
HI S LAUNDROMAT	1336 SE MORRISON	E 0 - 1/8 (0.086 mi.)	H54	47

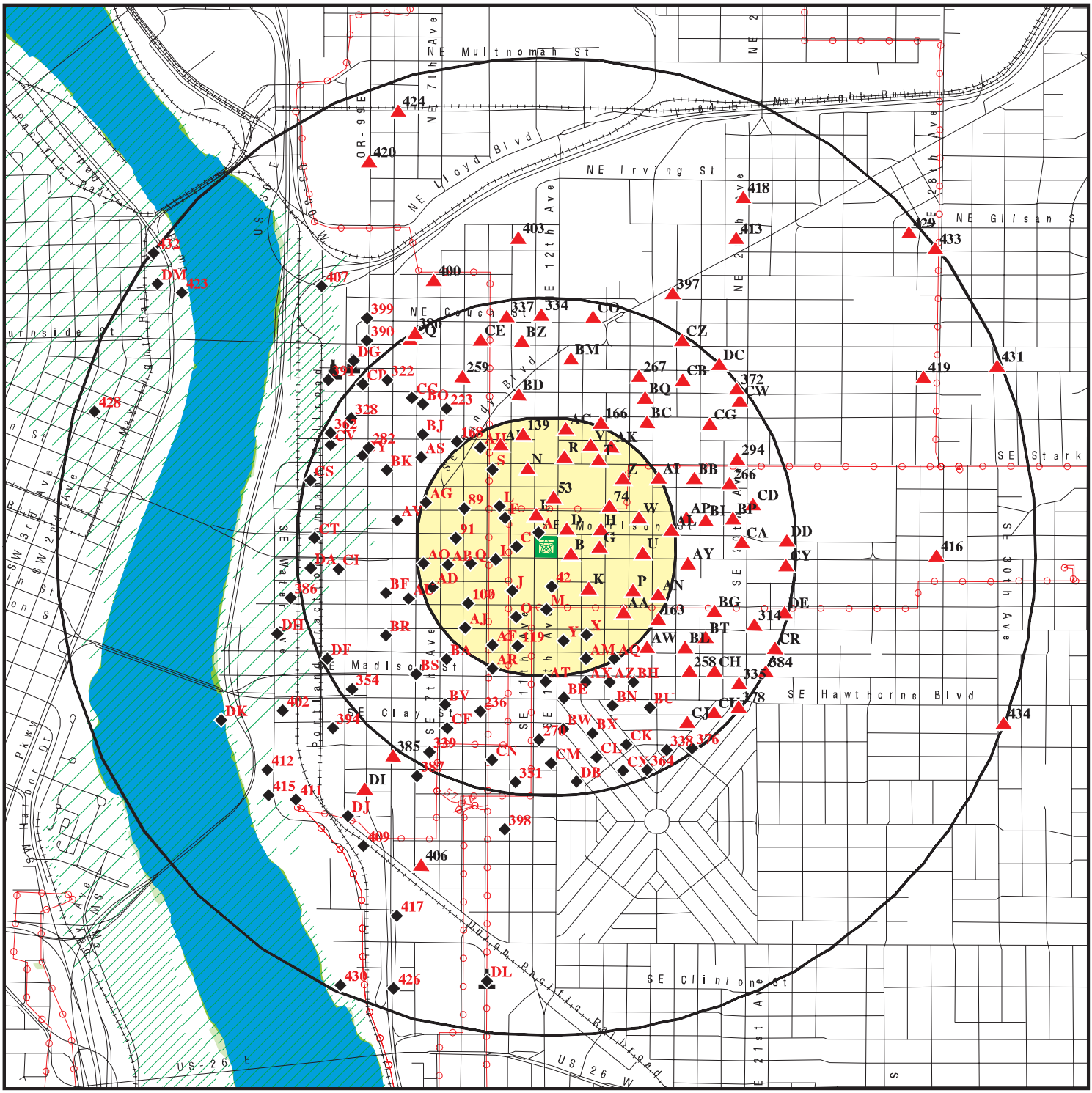
Lower Elevation	Address	Direction / Distance	Map ID	Page
VAUGHAN BESSIE L MRS	1137 BELMONT	SSW 0 - 1/8 (0.001 mi.)	A5	9
PANTORIUM DYE WORKS	1010 BELMONT	SW 0 - 1/8 (0.032 mi.)	C24	20
PANTORIUM DYE WKS	1008 BELMONT	WSW 0 - 1/8 (0.033 mi.)	C25	20
JOY THE TAILOR	1043 BELMONT	WSW 0 - 1/8 (0.033 mi.)	C26	20
YALE UNION LAUNDRY	800 SE 10TH AVE	W 0 - 1/8 (0.042 mi.)	C33	29
SUNNYSIDE LAUNDRY	997 BELMONT	W 0 - 1/8 (0.064 mi.)	C41	33
BELMONT CLEANERS	923 BELMONT	W 0 - 1/8 (0.082 mi.)	F51	44
MILLER S LAUNDERETTE	904 SE BELMONT	WSW 0 - 1/8 (0.101 mi.)	I62	51

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 16 records.

Site Name	Database(s)
TRI-MET LIGHT RAIL PORTLAND MALL	OR ECSI, OR VCP
TRI-MET SOUTH CORRIDOR EXTENSION	OR ECSI, OR VCP
PORTLAND-MILWAUKIE LIGHT RAIL (PML	OR ECSI, OR VCP
EAST SIDE CSO	OR ECSI, OR VCP
V.A.- COLUMBIA SOUTH SHORE WELLFIE	OR ECSI
HEATING OIL TANK	OR LUST
HEATING OIL TANK	OR LUST
HAWTHORNE BRIDGE OVERPASS	OR LUST
GREYHOUND TANKS	OR LUST
HEATING OIL TANK	OR LUST
HEATING OIL TANK	OR LUST
HEATING OIL TANK	OR LUST
ODOT REGION 1 PARCEL 2C	OR LUST
HEATING OIL TANK	OR LUST
EAST MORRISON CLEANERS	EDR Hist Cleaner
TRI-MET LIGHT RAIL - 11TH & MORRIS	OR RGA HWS

OVERVIEW MAP - 5588209.2S



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands
- Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Modera Morrison	CLIENT: GeoDesign Inc.
ADDRESS: 1120 SE Morrison Street Portland OR 97214	CONTACT: Krysta Krippaehne
LAT/LONG: 45.516832 / 122.654154	INQUIRY #: 5588209.2s DATE: March 12, 2019 8:04 pm

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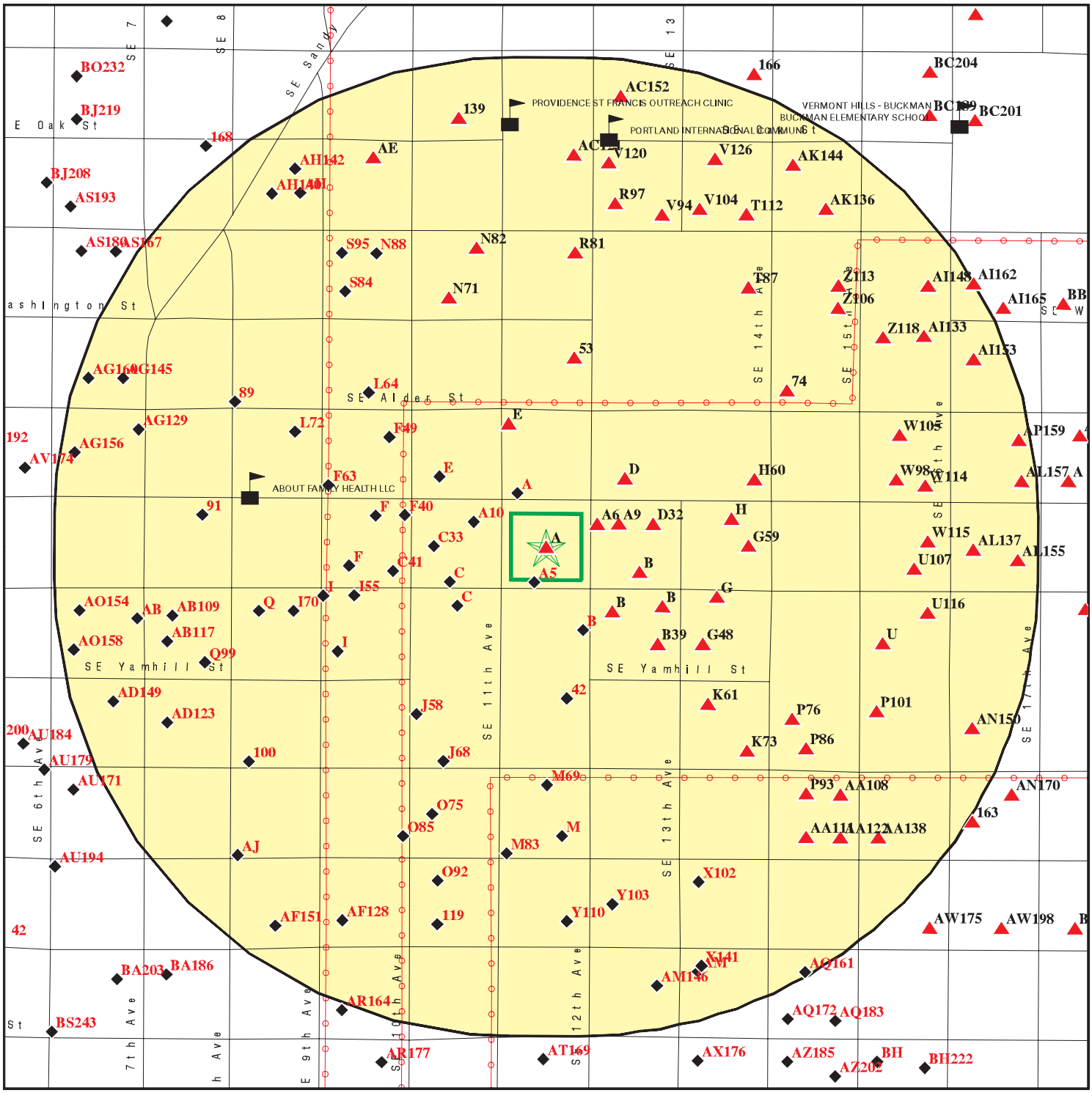
DETAIL MAP - 5588209.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Power transmission lines

100-year flood zone

500-year flood zone

Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	Modera Morrison	CLIENT:	GeoDesign Inc.
ADDRESS:	1120 SE Morrison Street Portland OR 97214	CONTACT:	Krysta Krippaehne
LAT/LONG:	45.516832 / 122.654154	INQUIRY #:	5588209.2s
		DATE:	March 12, 2019 8:05 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	0.001		0	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		0	0	2	NR	NR	2
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		3	6	NR	NR	NR	9
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
State- and tribal - equivalent CERCLIS								
OR ECSI	1.000		2	5	10	47	NR	64
OR CRL	1.000		0	1	1	7	NR	9
State and tribal landfill and/or solid waste disposal site lists								
OR SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
OR LUST	0.500	2	16	66	208	NR	NR	292
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
OR UST	0.250	1	8	12	NR	NR	NR	21
OR AST	0.250		0	1	NR	NR	NR	1
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
OR ENG CONTROLS	0.500		0	1	1	NR	NR	2
OR INST CONTROL	0.500		0	1	0	NR	NR	1
State and tribal voluntary cleanup sites								
OR VCP	0.500		1	4	7	NR	NR	12
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
OR BROWNFIELDS	0.500		0	0	1	NR	NR	1
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
OR SWRCY	0.500		0	0	0	NR	NR	0
OR HIST LF	0.500		0	0	0	NR	NR	0
WA SWRCY	0.500		0	0	3	NR	NR	3
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
OR AOCONCERN	1.000		0	0	0	0	NR	0
US HIST CDL	0.001		0	NR	NR	NR	NR	0
OR CDL	0.001		0	NR	NR	NR	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
Local Land Records								
LIENS 2	0.001		0	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0
OR SPILLS	0.001		0	NR	NR	NR	NR	0
OR HAZMAT	0.001		0	NR	NR	NR	NR	0
OR SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		6	14	NR	NR	NR	20
FUDS	1.000		0	0	0	0	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	0.001		0	NR	NR	NR	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.001		0	NR	NR	NR	NR	0
FINDS	0.001	1	0	NR	NR	NR	NR	1
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
OR AIRS	0.001		0	NR	NR	NR	NR	0
OR COAL ASH	0.500		0	0	0	NR	NR	0
OR DRYCLEANERS	0.250		0	0	NR	NR	NR	0
OR Enforcement	0.001		0	NR	NR	NR	NR	0
OR Financial Assurance	0.001		0	NR	NR	NR	NR	0
CA HAZNET	TP		NR	NR	NR	NR	NR	0
OR HSIS	0.001		0	NR	NR	NR	NR	0
OR MANIFEST	0.250		1	4	NR	NR	NR	5
OR NPDES	0.001		0	NR	NR	NR	NR	0
OR UIC	0.001		0	NR	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	3	NR	3

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
EDR Hist Auto	0.125		20	NR	NR	NR	NR	20
EDR Hist Cleaner	0.125		14	NR	NR	NR	NR	14
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
OR RGA HWS	0.001		0	NR	NR	NR	NR	0
OR RGA LF	0.001		0	NR	NR	NR	NR	0
OR RGA LUST	0.001	1	0	NR	NR	NR	NR	1
- Totals --		5	71	115	233	57	0	481

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 **HEATING OIL TANK** **OR LUST** **S120414223**
Target **1120 SE MORRISON ST** **N/A**
Property **PORTLAND, OR 97214**

Site 1 of 10 in cluster A

Actual: **69 ft.**

LUST:
Region: North Western Region
Facility ID: 26-16-1462
Cleanup Received Date: 11/02/2016
Cleanup Start Date: Not reported
Cleanup Complete Date: 05/05/2017
Decode for Region: North West Region

A2 **BERNSTEIN BROTHERS, INC.** **OR LUST** **U004015143**
Target **1120 SE MORRISON ST** **OR UST** **N/A**
Property **PORTLAND, OR 97214**

Site 2 of 10 in cluster A

Actual: **69 ft.**

LUST:
Region: North Western Region
Facility ID: 26-91-0267
Cleanup Received Date: 07/19/1991
Cleanup Start Date: 07/19/1991
Cleanup Complete Date: 07/10/1996
Decode for Region: North West Region

UST:
Facility ID: 6680
Facility Telephone: (503) 235-8341
Permittee Name: ALAN CAMPF, CO-OWNER
Number of Permitted Tanks: Not reported
Active Tanks: Not reported
Decommissioned Tanks: 3
Number of Tanks: 3

A3 **BERNSTEIN BROTHERS, INC.** **FINDS** **1006846108**
Target **1120 SE MORRISON ST** **N/A**
Property **PORTLAND, OR 97214**

Site 3 of 10 in cluster A

Actual: **69 ft.**

FINDS:

Registry ID: 110014078924

Environmental Interest/Information System
OR-DEQ (Oregon - Department Of Environmental Quality) is a regulatory agency whose job is to protect the quality of Oregon's Environment. DEQ uses a combination of technical assistance, inspections and permitting to help public and private facilities and citizens understand and comply with state and federal environmental regulations.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

A4 **AJP** **OR RGA LUST** **S115353346**
Target Property **1120 SE MORRISON ST** **N/A**
PORTLAND, OR

Site 4 of 10 in cluster A

Actual: 69 ft.

RGA LUST:

2012	AJP	1120 SE MORRISON ST
2011	AJP	1120 SE MORRISON ST
2010	AJP	1120 SE MORRISON ST
2009	AJP	1120 SE MORRISON ST
2008	AJP	1120 SE MORRISON ST
2007	AJP	1120 SE MORRISON ST
2006	AJP	1120 SE MORRISON ST
2005	AJP	1120 SE MORRISON ST
2004	AJP	1120 SE MORRISON ST
2003	AJP	1120 SE MORRISON ST
2002	AJP	1120 SE MORRISON ST

A5 **VAUGHAN BESSIE L MRS** **EDR Hist Cleaner** **1009475822**
SSW **1137 BELMONT** **N/A**
< 1/8 **PORTLAND, OR**
0.001 mi.
6 ft. **Site 5 of 10 in cluster A**

Relative: Lower

EDR Hist Cleaner

Actual: 65 ft.

Year:	Name:	Type:
1930	VAUGHAN BESSIE L MRS	CLEANERS GARMENTS CURTAINS AND DRAPERIES

A6 **STEWART DONALD** **EDR Hist Auto** **1009495228**
ENE **804 SE 12TH AVE** **N/A**
< 1/8 **PORTLAND, OR**
0.009 mi.
45 ft. **Site 6 of 10 in cluster A**

Relative: Higher

EDR Hist Auto

Actual: 76 ft.

Year:	Name:	Type:
1935	ROBINSON GUST L	GASOLINE AND OIL SERVICE STATIONS
1940	STEWART DONALD	GASOLINE AND OIL SERVICE STATIONS
1950	GINTZ WALTER	GASOLINE STATIONS

A7
NNW
< 1/8
0.011 mi.
58 ft.

HEATING OIL TANK
1117 SE MORRISON ST
PORTLAND, OR 97214

Site 7 of 10 in cluster A

OR LUST **S108663949**
OR UIC **N/A**

Relative:
Lower

Actual:
68 ft.

LUST:

Region:	North Western Region
Facility ID:	26-07-1838
Cleanup Received Date:	12/11/2007
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**03/14/2008**
Decode for Region:	**North West Region**

OR UIC:

UIC Well #:	1
Type:	5D2
Type Description:	Storm Water Drainage
Status:	Active
UIC Number:	13142
Facility Status:	Registered & RA
Lat/Long:	45.517399 / -122.6542

A8
NNW
< 1/8
0.011 mi.
59 ft.

MOMSON TEXACO STATION
1135 SE MORRISON ST
PORTLAND, OR

Site 8 of 10 in cluster A

EDR Hist Auto **1009485563**
N/A

Relative:
Higher

Actual:
69 ft.

EDR Hist Auto

Year:	Name:	Type:
1955	FRED AND LLOYD S AUTO SERVICE	GASOLINE STATIONS
1960	FRED AND LLOYD S AUTO SERVICE	GASOLINE STATIONS
1965	FRED LLOYD S AUTO SERVICE	GASOLINE STATIONS
1969	FRED & LLOYDS AUTO SERVICE	Gasoline Service Stations
1970	FRED S LLOYD S AUTO SERVICE	GASOLINE STATIONS
1970	FRED & LLOYDS AUTO SERVICE	Gasoline Service Stations
1971	BUCHANANS TEXACO SERVICE	Gasoline Service Stations
1973	DYKEMAN JAY A	Gasoline Service Stations
1974	DYKEMAN JAY A	Gasoline Service Stations
1975	MOMSON TEXACO STATION	GASOLINE STATIONS
1975	DYKEMANS SERVICE INC	Gasoline Service Stations
1976	DYKEMANS SERVICE INC	Gasoline Service Stations
1978	J & B TEXACO	Gasoline Service Stations
1979	J & B TEXACO	Gasoline Service Stations
1980	J & B TEXACO	Gasoline Service Stations

A9
ENE
< 1/8
0.020 mi.
107 ft.

HEATING OIL TANK
1200 SE MORRISON ST
PORTLAND, OR 97214

Site 9 of 10 in cluster A

OR LUST **S108572206**
N/A

Relative:
Higher

Actual:
77 ft.

LUST:

Region:	North Western Region
Facility ID:	26-06-2041
Cleanup Received Date:	11/16/2006
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**01/26/2007**
Decode for Region:	**North West Region**

A10
WNW
< 1/8
0.020 mi.
107 ft.

MULTNOMAH COUNTY
1040 SE MORRISON ST
PORTLAND, OR 97214

Site 10 of 10 in cluster A

OR LUST **U003158907**
OR UST **N/A**

Relative:
Lower

Actual:
60 ft.

LUST:

Region:	North Western Region
Facility ID:	26-97-0232
Cleanup Received Date:	03/25/1997
Cleanup Start Date:	03/19/1997
Cleanup Complete Date:	**01/31/2001**
Decode for Region:	**North West Region**

UST:

Facility ID:	11676
Facility Telephone:	(503)248-3322
Permittee Name:	MIKE MCBRIDE
Number of Permitted Tanks:	Not reported
Active Tanks:	Not reported
Decommissioned Tanks:	2
Number of Tanks:	2

B11
SE
< 1/8
0.024 mi.
128 ft.

PIACENTINI PROPERTY
1206 SE BELMONT ST
PORTLAND, OR 97214

Site 1 of 13 in cluster B

OR LUST **S118869427**
N/A

Relative:
Higher

Actual:
72 ft.

LUST:

Region:	North Western Region
Facility ID:	26-16-0816
Cleanup Received Date:	06/21/2016
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**Not reported**
Decode for Region:	**North West Region**

B12 **OLDE GAS HOUSE THE** **EDR Hist Auto** **1009485900**
SE **1206 SE BELMONT ST** **N/A**
< 1/8 **PORTLAND, OR**
0.024 mi.
128 ft. **Site 2 of 13 in cluster B**

Relative: EDR Hist Auto
Higher

Actual:
72 ft.

Year:	Name:	Type:
1935	NU WAY AUTO LAUNDRY AND SERVICE	GASOLINE AND OIL SERVICE STATIONS
1935	NU WAY AUTO LAUNDRY AND SERVICE	AUTOMOBILE LAUNDRIES
1940	NU WAY AUTO LAUNDRY	GASOLINE AND OIL SERVICE STATIONS
1940	NU WAY AUTO LAUNDRY	AUTOMOBILE LAUNDRIES
1969	NU WAY AUTO LAUNDRY	Gasoline Service Stations
1970	NU WAY AUTO LAUNDRY	Gasoline Service Stations
1971	NU WAY AUTO LAUNDRY	Gasoline Service Stations
1972	NU WAY AUTO LAUNDRY	Gasoline Service Stations
1973	NU WAY AUTO LAUNDRY	Gasoline Service Stations
1974	NU WAY AUTO LAUNDRY	Gasoline Service Stations
1975	OLDE GAS HOUSE THE	GASOLINE STATIONS
1975	NU WAY AUTO LAUNDRY	Gasoline Service Stations
1975	M C BAKERY INC	Gasoline Service Stations
1976	M C BAKERY INC	Gasoline Service Stations
1977	M C BAKERY INC	Gasoline Service Stations
1978	M C BAKERY INC	Gasoline Service Stations
1979	M C BAKERY INC	Gasoline Service Stations
1980	M C BAKERY INC	Gasoline Service Stations
1982	M C BAKERY INC	Gasoline Service Stations
1983	M C BAKERY INC	Gasoline Service Stations

B13 **TVG INC** **RCRA-CESQG** **1004770132**
SSE **945 SE 12TH AVE** **FINDS** **ORD114157605**
< 1/8 **PORTLAND, OR 97214** **ECHO**
0.027 mi.
144 ft. **Site 3 of 13 in cluster B**

Relative: RCRA-CESQG:
Lower

Actual:
67 ft.

Date form received by agency:	01/30/2003
Facility name:	TVG INC
Facility address:	945 SE 12TH AVE PORTLAND, OR 97214
EPA ID:	ORD114157605
Contact:	BO NEILL
Contact address:	945 SE 12TH AVE PORTLAND, OR 97214
Contact country:	US
Contact telephone:	503-239-0122
Contact email:	BO@TRGINC.NET
EPA Region:	10
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any

TVG INC (Continued) **1004770132**

time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	TVG INC
Owner/operator address:	945 SE 12TH AVE PORTLAND, OR 97214
Owner/operator country:	US
Owner/operator telephone:	503-239-0122
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/30/2003
Owner/Op end date:	Not reported

Owner/operator name:	CURBO INC
Owner/operator address:	945 SE 12TH AVE PORTLAND, OR 97214
Owner/operator country:	US
Owner/operator telephone:	503-239-0122
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/30/2003
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	01/28/2002
Site name:	TVG INC
Classification:	Conditionally Exempt Small Quantity Generator

Date form received by agency:	01/11/2001
Site name:	TVG INC

TVG INC (Continued) **1004770132**

Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 02/10/2000
Site name: TVG INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/22/1999
Site name: TVG INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 04/27/1998
Site name: TVG INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/06/1997
Site name: TVG INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 07/15/1996
Site name: TVG INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 10/07/1993
Site name: ARC AUTOMOTIVE INC ARC B/F ALIGNMENT
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 04/01/1992
Site name: ARC AUTOMOTIVE INC ARC B/F ALIGNMENT
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: NONE
. Waste name: None

Date form received by agency: 03/18/1986
Site name: ARC AUTOMOTIVE INC ARC B/F ALIGNMENT
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110004788463

Environmental Interest/Information System

OR-DEQ (Oregon - Department Of Environmental Quality) is a regulatory agency whose job is to protect the quality of Oregon's Environment. DEQ uses a combination of technical assistance, inspections and permitting to help public and private facilities and citizens understand and comply with state and federal environmental regulations.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

TVG INC (Continued) **1004770132**

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1004770132
Registry ID:	110004788463
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004788463

B14 **SIMMONS JERRY AUTO BODY** **EDR Hist Auto** **1009496432**
SSE **945 SE 12TH AVE** **N/A**
< 1/8 **PORTLAND, OR**
0.027 mi.
144 ft. **Site 4 of 13 in cluster B**

Relative: EDR Hist Auto
Lower

Actual: **67 ft.**

Year:	Name:	Type:
1985	SIMMONS JERRY AUTO BODY	AUTOMOBILE REPAIRING
1988	A R C AUTOMOTIVE INC	Used Car Dealers
1989	A R C AUTOMOTIVE INC	Used Car Dealers, NEC
1990	A R C AUTOMOTIVE INC	Used Car Dealers, NEC
1991	A R C AUTOMOTIVE INC	Used Car Dealers, NEC
1992	VOLVO GARAGE	General Automotive Repair Shops
1992	A R C AUTOMOTIVE INC	Used Car Dealers, NEC
1993	A R C AUTOMOTIVE INC	Used Car Dealers, NEC
1993	VOLVO GARAGE	General Automotive Repair Shops
1994	VOLVO GARAGE	General Automotive Repair Shops
1994	A R C AUTOMOTIVE INC	Used Car Dealers, NEC
1995	A R C AUTOMOTIVE INC	Used Car Dealers, NEC
1995	VOLVO GARAGE	General Automotive Repair Shops
1996	VOLVO GARAGE	General Automotive Repair Shops
1997	VOLVO GARAGE	General Automotive Repair Shops
1998	VOLVO GARAGE	General Automotive Repair Shops

C15 **BURNHAM ORIE C** **EDR Hist Auto** **1009485048**
SW **1034 BELMONT** **N/A**
< 1/8 **PORTLAND, OR**
0.029 mi.
152 ft. **Site 1 of 9 in cluster C**

Relative: EDR Hist Auto
Lower

Actual: **53 ft.**

Year:	Name:	Type:
1930	BURNHAM ORIE C	AUTOMOBILE GARAGES

C16 **CHRIS S SERVICE STATION** **EDR Hist Auto** **1009485157**
WSW **1051 BELMONT** **N/A**
< 1/8 **PORTLAND, OR**
0.030 mi.
156 ft. **Site 2 of 9 in cluster C**

Relative: EDR Hist Auto
Lower

Actual:
52 ft.

Year:	Name:	Type:
1930	CHRIS S SERVICE STATION	GASOLINE AND OIL SERVICE STATIONS

B17 **PIACENTINI PROPERTY** **OR UST** **U004257320**
SE **914 SE 12TH AVE** **N/A**
< 1/8 **PORTLAND, OR 97214**
0.030 mi.
157 ft. **Site 5 of 13 in cluster B**

Relative: UST:
Higher

Actual:
70 ft.

Facility ID:	12527
Facility Telephone:	(206) 448-1975
Permittee Name:	RICHARD PIACENTINI
Number of Permitted Tanks:	Not reported
Active Tanks:	Not reported
Decommissioned Tanks:	4
Number of Tanks:	4

B18 **BRADSHAW SERVICE CENTER** **EDR Hist Auto** **1020566957**
SSE **909 SE 12TH AVE** **N/A**
< 1/8 **PORTLAND, OR 97214**
0.030 mi.
158 ft. **Site 6 of 13 in cluster B**

Relative: EDR Hist Auto
Lower

Actual:
64 ft.

Year:	Name:	Type:
2000	BRADSHAWS TRANSMISSION ANNEX	Automotive Transmission Repair Shops
2001	BRADSHAW SERVICE CENTER	Automotive Transmission Repair Shops
2002	BRADSHAW SERVICE CENTER	Automotive Transmission Repair Shops
2003	BRADSHAW SERVICE CENTER	Automotive Transmission Repair Shops
2004	BRADSHAW SERVICE CENTER	Automotive Transmission Repair Shops
2005	BRADSHAW SERVICE CENTER	Automotive Transmission Repair Shops
2006	BRADSHAW SERVICE CENTER	Automotive Transmission Repair Shops
2007	BRADSHAW SERVICE CENTER	Automotive Transmission Repair Shops
2008	BRADSHAW SERVICE CENTER	Automotive Transmission Repair Shops
2009	BRADSHAW SERVICE CENTER	Automotive Transmission Repair Shops
2010	BRADSHAW SERVICE CENTER	Automotive Transmission Repair Shops
2011	BRADSHAW SERVICE CENTER	Automotive Transmission Repair Shops
2012	BRADSHAW SERVICE CENTER	Automotive Transmission Repair Shops
2013	BRADSHAW SERVICE CENTER	Automotive Transmission Repair Shops
2014	BRADSHAW SERVICE CENTER	Automotive Transmission Repair Shops

B19
SSE
< 1/8
0.030 mi.
158 ft.

MODERA BUCKMAN
909 SE 12TH AVE.
PORTLAND, OR 97214

Site 7 of 13 in cluster B

OR ECSI **S121351647**
N/A

Relative:
Lower

Actual:
64 ft.

ECSI:

State ID Number:	6222
Brown ID:	0
Study Area:	False
Region ID:	2
Legislatve ID:	0
Investigation:	No Further Action
FACA ID:	148545
Further Action:	0
Lat/Long (dms):	45 30 58.70 / -122 39 14.80
County Code:	26.00
Score Value:	Not reported
Cerclis ID:	Not reported
Township Coord.:	1.00
Township Zone:	S
Range Coord:	1.00
Range Zone:	E
Section Coord:	2
Qtr Section:	BA
Tax Lots:	3800, 3900
Size:	0.46 acres
NPL:	False
Orphan:	False
Updated By:	RHOOD
Update Date:	05/08/2018
Created Date:	11/14/2017
Decode For RegionID:	Northwest Region
Decode For BrownID:	Not reported
Decode For Furtheract:	Not reported
Decode For Investstat:	No Further Action
Decode For Legislative:	Not reported

Narrative:

NARR ID:	5757157
NARR Code:	Remedial Action
Created By:	RHOOD
Created Date:	05/08/2018
Updated By:	RHOOD
Updated Date:	05/08/2018
Decode for NarcdID:	Remedial Action
NARR Comments:	Soil Removal. RP excavated 67.42 tons of soil and transported to Hillsboro. (RAH)

Administrative Action:

Action ID:	9424
Region:	Not reported
Complete Date:	11/14/2017
Rank Value:	Not reported
Cleanup Flag:	False
Created Date:	11/14/2017
Decode for AgencyID:	Department of Environmental Quality
Decode for RegionID:	Not reported
Category:	Administrative Action
Action Code Flag:	False

MODERA BUCKMAN (Continued) **S121351647**

Action: Site added to database
Further Action: Not reported
Comments: Not reported

Action ID: 9519
Region: Northwestern Region
Complete Date: 03/30/2018
Rank Value: Not reported
Cleanup Flag: False
Created Date: 11/14/2017
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: VCS Waiting List
Further Action: 0
Comments: Not reported

Action ID: 9456
Region: Northwestern Region
Complete Date: 05/08/2018
Rank Value: Not reported
Cleanup Flag: False
Created Date: 03/30/2018
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: BASIC PRELIMINARY ASSESSEMENT
Further Action: 0
Comments: Not reported

Action ID: 9491
Region: Northwestern Region
Complete Date: 04/17/2018
Rank Value: Not reported
Cleanup Flag: False
Created Date: 04/17/2018
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: REMOVAL
Further Action: 0
Comments: Not reported

Action ID: 9443
Region: Northwestern Region
Complete Date: 05/08/2018
Rank Value: Not reported
Cleanup Flag: False
Created Date: 05/08/2018
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: NO FURTHER STATE ACTION REQUIRED

MODERA BUCKMAN (Continued) **S121351647**

Further Action: 0
Comments: Not reported

D20 **GEN44 LLC** **OR UST** **U004272661**
NE **1205 SE MORRISON ST** **N/A**
< 1/8 **PORTLAND, OR 97214**
0.031 mi.
162 ft. **Site 1 of 4 in cluster D**

Relative: UST:
Higher
Actual: Facility ID: 12551
82 ft. Facility Telephone: (503) 281-8400
Permittee Name: MARIE T. SPADA MALSAM
Number of Permitted Tanks: Not reported
Active Tanks: Not reported
Decommissioned Tanks: Not reported
Number of Tanks: 1

D21 **CAMP BOB SERVICE** **EDR Hist Auto** **1009485893**
NE **1205 SE MORRISON ST** **N/A**
< 1/8 **PORTLAND, OR**
0.031 mi.
162 ft. **Site 2 of 4 in cluster D**

Relative: EDR Hist Auto
Higher

Actual:
82 ft.

Year:	Name:	Type:
1960	NORTHWEST AUTO LEASE	GASOLINE STATIONS
1965	BOB S MOBIL SERVICE	GASOLINE STATIONS
1970	CAMP BOB SERVICE	GASOLINE STATIONS
1970	CAMP ROBERT L	Gasoline Service Stations
1971	CAMP ROBERT L	Gasoline Service Stations
1972	CAMP ROBERT L	Gasoline Service Stations
1973	CAMP ROBERT L	Gasoline Service Stations

D22 **GEN44 LLC** **OR LUST** **S120851365**
NE **1205 SE MORRISON STREET** **N/A**
< 1/8 **PORTLAND, OR 97214**
0.031 mi.
162 ft. **Site 3 of 4 in cluster D**

Relative: LUST:
Higher
Actual: Region: North Western Region
82 ft. Facility ID: 26-17-0584
Cleanup Received Date: 05/24/2017
Cleanup Start Date: 08/17/2017
Cleanup Complete Date: 10/25/2017
Decode for Region: North West Region

B23 **CONTROL CONTRACTORS** **OR UST** **U000432677**
ESE **1235 SE BELMONT** **N/A**
< 1/8 **PORTLAND, OR 97214**
0.032 mi.
168 ft. **Site 8 of 13 in cluster B**

Relative: **Higher**

Actual: **76 ft.**

UST:

Facility ID:	4393
Facility Telephone:	(503)234-7201
Permittee Name:	AL LUCAS, OWNER
Number of Permitted Tanks:	Not reported
Active Tanks:	Not reported
Decommissioned Tanks:	2
Number of Tanks:	2

C24 **PANTORIUM DYE WORKS** **EDR Hist Cleaner** **1009475228**
SW **1010 BELMONT** **N/A**
< 1/8 **PORTLAND, OR**
0.032 mi.
170 ft. **Site 3 of 9 in cluster C**

Relative: **Lower**

Actual: **52 ft.**

EDR Hist Cleaner

Year:	Name:	Type:
1930	PANTORIUM DYE WORKS	CLEANERS GARMENTS CURTAINS AND DRAPERIES

C25 **PANTORIUM DYE WKS** **EDR Hist Cleaner** **1009475220**
WSW **1008 BELMONT** **N/A**
< 1/8 **PORTLAND, OR**
0.033 mi.
172 ft. **Site 4 of 9 in cluster C**

Relative: **Lower**

Actual: **52 ft.**

EDR Hist Cleaner

Year:	Name:	Type:
1924	PANTORIUM DYE WKS	CLEANERS, DYERS AND PRESSERS

C26 **JOY THE TAILOR** **EDR Hist Cleaner** **1009475446**
WSW **1043 BELMONT** **N/A**
< 1/8 **PORTLAND, OR**
0.033 mi.
176 ft. **Site 5 of 9 in cluster C**

Relative: **Lower**

Actual: **52 ft.**

EDR Hist Cleaner

Year:	Name:	Type:
1924	JOY THE TAILOR	DYERS AND CLEANERS
1924	JOY THE TAILOR	CLEANERS, DYERS AND PRESSERS
1930	JOY THE TAILOR	CLEANERS GARMENTS CURTAINS AND DRAPERIES
1930	JOY THE TAILOR	DYERS AND CLEANERS

C27 **GARDNER & RANCHERS PROPERTY** **OR LUST** **S105556190**
SW **1004-1036 SE BELMONT ST** **N/A**
< 1/8 **PORTLAND, OR 97214**
0.034 mi.
182 ft. **Site 6 of 9 in cluster C**

Relative:
Lower

Actual:
52 ft.

LUST:

Region:	North Western Region
Facility ID:	26-02-0032
Cleanup Received Date:	05/28/2002
Cleanup Start Date:	05/28/2002
Cleanup Complete Date:	**03/22/2005**
Decode for Region:	**North West Region**

C28 **GARDNER AND RANCHERS PROPERTY** **OR ECSI** **S106236720**
SW **1004 SE BELMONT ST.** **OR VCP** **N/A**
< 1/8 **PORTLAND, OR 97214**
0.034 mi.
182 ft. **Site 7 of 9 in cluster C**

Relative:
Lower

Actual:
52 ft.

ECSI:

State ID Number:	4073
Brown ID:	0
Study Area:	False
Region ID:	2
Legislatve ID:	0
Investigation:	No Further Action
FACA ID:	82330
Further Action:	0
Lat/Long (dms):	45 30 57.60 / -122 39 18.00
County Code:	26.00
Score Value:	Not reported
Cerclis ID:	Not reported
Township Coord.:	1.00
Township Zone:	S
Range Coord:	1.00
Range Zone:	E
Section Coord:	2
Qtr Section:	BD
Tax Lots:	2500
Size:	1.06 acres (vacant)
NPL:	False
Orphan:	False
Updated By:	SMILLER
Update Date:	07/07/2016
Created Date:	03/01/2004
Decode For RegionID:	Northwest Region
Decode For BrownID:	Not reported
Decode For Furtheract:	Not reported
Decode For Investstat:	No Further Action
Decode For Legislative:	Not reported
Alias Name:	Belmont Superblock
Alias Name:	Oregon Crankshaft Service
Alias Name:	Risberg Truck Service
Alias Name:	Market Garage
Alias Name:	LOCA Development

Hazardous Release:

Substance ID.:	121011
Haz Release ID:	388227

GARDNER AND RANCHERS PROPERTY (Continued) **S106236720**

Qty Released: Not reported
Date Released: Not reported
Update Date: 01/08/2015
Update By: SMILLER
Substance Code: 127-18-4
Substance Name: TETRACHLOROETHYLENE
Substance Abbrev.: Not reported
Substance Category ID: 8519
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8551
Substance Category: Solvents of interest to Milwaukie Area GW study
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8519
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8551
Substance Category: Solvents of interest to Milwaukie Area GW study
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 316912
Sub Alias Name: ETHENE,TETRACHLORO-
Substance Alias ID: 316913
Sub Alias Name: ETHYLENE TETRACHLORIDE
Substance Alias ID: 316914
Sub Alias Name: PERCHLOROETHYLENE
Substance Alias ID: 316915
Sub Alias Name: PERCLENE
Substance Alias ID: 316916
Sub Alias Name: TETRACHLOROETHENE
Substance Alias ID: 316917
Sub Alias Name: TETRACHLOROETHENE,1,1,2,2-
Substance Alias ID: 316918
Sub Alias Name: TETRACHLOROETHYLENE,1,1,2,2-
Sampling Result ID: 350733
Feature Id: 0
Hazard Release Id: 388227
Medium: 698
Substance Abbrev.: 0
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 03/31/2013
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: up to 1.39 ug/L
Last Update By: SMILLER

GARDNER AND RANCHERS PROPERTY (Continued) **S106236720**

Update Date: 01/08/2015
Decode for MediumID: Groundwater

Narrative:

NARR ID: 5755278
NARR Code: Site Contacts
Created By: SMILLER
Created Date: 09/04/2014
Updated By: SMILLER
Updated Date: 09/04/2014
Decode for NarcdID: Site Contacts
NARR Comments: Consultant: Gil Cobb, RPG Point Source Solutions 10445 SW Canyon Road, Suite 115 Beaverton Oregon 97005 phone: 503.916.9254 fax: 503.224.0449 Developer/owner: Noel Johnson Vice President 500 East Broadway, Suite 110 Vancouver, WA 98660 T: 360.567.0626 C: 503.290.4095 www.killianpacific.com

NARR ID: 5744638
NARR Code: Contamination
Created By: JWAGGY
Created Date: 03/01/2004
Updated By: JWAGGY
Updated Date: 03/01/2004
Decode for NarcdID: Contamination
NARR Comments: (1/28/04 RR/UST) Five gasoline and/or diesel underground storage tanks (USTs) decommissioned by removal in May 2002. Soil and groundwater contamination detected. Numerous site assessment borings and three groundwater monitoring wells installed. Four quarters of groundwater monitoring completed. Low concentrations of tetrachloroethylene detected along with petroleum constituents.

NARR ID: 5744639
NARR Code: Data Sources
Created By: JWAGGY
Created Date: 03/01/2004
Updated By: SMILLER
Updated Date: 06/27/2016
Decode for NarcdID: Data Sources
NARR Comments: UST Cleanup File #26-02-0032 2/19/16 Final Report/Closure Request. Prepared by Point Source Solutions.

NARR ID: 5744636
NARR Code: Manner of Release
Created By: JWAGGY
Created Date: 03/01/2004
Updated By: JWAGGY
Updated Date: 03/01/2004
Decode for NarcdID: Manner of Release
NARR Comments: Historic.

NARR ID: 5744637
NARR Code: Remedial Action
Created By: JWAGGY
Created Date: 03/01/2004
Updated By: SMILLER
Updated Date: 06/27/2016
Decode for NarcdID: Remedial Action
NARR Comments: (1/28/04 RR/UST) Presene of tetrachloroethylene at levels up to 5.0

GARDNER AND RANCHERS PROPERTY (Continued) **S106236720**

ppb detected in groundwater during petroleum release investigation. [6/17/2013 SAM/VCP] In 2005, DEQ UST program granted a no further action only for the USTs as long as commercial or industrial use occurs on site and groundwater is not used, but contamination remains. The current work will evaluate the site for potential future residential/mixed use. [6/27/16 SAM/VCP] Construction of a subsurface parking garage removed the remaining contaminated soil above applicable risk based concentrations. Five discrete soil floor samples were collected at approximately 14 ft bgs in the SE corner near the former UST area to characterize site soils for TPH before excavating below the water table. Diesel and gasoline were detected but below applicable RBCs. Four borings were advanced along SE 11th Ave and three borings advanced along SE Taylor St to determine if TPH extended outside the side walls of the excavation. Three soil samples were collected from each boring at 2ft, 5ft and approximately 12-16 ft bgs. TPH was detected at SETAY75 at 2ft bgs, but below applicable RBCs, except for Construction/Excavation RBC for Soil Vapor which slightly exceeded (552mg/kg vs 500mg/kg). The 20 other sample locations met applicable RBCs. Excavated soil was evaluated using Solid Waste Beneficial Reuse criteria. Approximately 500 tons of petroleum impacted soil in the SE corner was removed and disposed at Hillsboro Landfill. No soil samples were collected at the terminus of the excavation, or approximately 32 ft bgs. Soil conditions at 14ft bgs met applicable RBCs; as expected, all contamination was observed in the upper layers of the site. Since the excavation extends to native material with no visual contamination observed at this horizon, confirmation samples were not collected at the terminus of the excavation. A Batch Discharge Authorization Letter dated December 10, 2014 from the City of Portland authorized(with stipulations) discharge of up to 360,000 gallons per day of treated construction dewatering fluid (including groundwater) into the city sanitary/combined sewer system at manhole ABR096 at SE Yamhill and SE 10th Ave. Water treatment prior to discharge included turbidity and pH controls. Low concentrations of tetrachloroethylene found in groundwater are likely from an off-site source and may be regional contamination. See Staff report for more details.

NARR ID: 5744635
NARR Code: Site History
Created By: JWAGGY
Created Date: 03/01/2004
Updated By: SMILLER
Updated Date: 06/27/2016
Decode for NarcdID: Site History
NARR Comments: Most recently produce wholesalers; prior to that various automotive service businesses such as market Garage in 1940, Risberg Truck Service in 1950 and Oregon Crankshaft Service in 1980. Buildings on-site from 1929 - 2000.

NARR ID: 5756323
NARR Code: 1922
Created By: GWISTAR
Created Date: 07/22/2016
Updated By: GWISTAR
Updated Date: 07/22/2016
Decode for NarcdID: Current Site Summary Statement
NARR Comments: [July 2016] DEQ has determined that the site is protective of public

GARDNER AND RANCHERS PROPERTY (Continued) **S106236720**

health and the environment and requires no further action - unless new or previously undisclosed information becomes available, or there are changes in site development or land and water uses, or more contamination is discovered.

Administrative Action:
Action ID: 9519
Region: Northwestern Region
Complete Date: 05/09/2013
Rank Value: Not reported
Cleanup Flag: False
Created Date: 04/15/2013
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: VCS Waiting List
Further Action: 0
Comments: Not reported

Action ID: 9425
Region: Northwestern Region
Complete Date: 02/05/2015
Rank Value: Not reported
Cleanup Flag: False
Created Date: 05/09/2013
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: SITE EVALUATION
Further Action: 0
Comments: Not reported

Action ID: 9469
Region: Northwestern Region
Complete Date: 04/27/2016
Rank Value: Not reported
Cleanup Flag: False
Created Date: 03/24/2016
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: REMEDIAL ACTION
Further Action: 0
Comments: Not reported

Action ID: 9443
Region: Northwestern Region
Complete Date: 07/06/2016
Rank Value: Not reported
Cleanup Flag: False
Created Date: 07/07/2016
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False

GARDNER AND RANCHERS PROPERTY (Continued) **S106236720**

Action: NO FURTHER STATE ACTION REQUIRED
Further Action: 0
Comments: Not reported

Action ID: 9424
Region: Not reported
Complete Date: 03/01/2004
Rank Value: Not reported
Cleanup Flag: False
Created Date: 03/01/2004
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Administrative Action
Action Code Flag: False
Action: Site added to database
Further Action: Not reported
Comments: Not reported

Action ID: 9508
Region: Northwestern Region
Complete Date: 03/01/2004
Rank Value: Not reported
Cleanup Flag: False
Created Date: 03/01/2004
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Site Screening recommended (EV)
Further Action: 0
Comments: Not reported

Action ID: 9476
Region: Northwestern Region
Complete Date: 01/28/2004
Rank Value: Not reported
Cleanup Flag: False
Created Date: 03/01/2004
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Refer to Program
Further Action: 0
Comments: Not reported

Operations:
Operation Id: 134880
Operation Status: Inactive
Common Name: Market Garage
Yrs of Operation: 1940's
Comments: Not reported
Updated Date: 03/01/2004
Updated By: JWAGGY
Decode for OpstatID: Inactive

Operation Id: 134881
Operation Status: Unknown

GARDNER AND RANCHERS PROPERTY (Continued) **S106236720**

Common Name: Gardner and Ranchers Property
Yrs of Operation: unknown
Comments: Most recent operation - produce wholesalers; prior use was various automotive service businesses.
Updated Date: 03/01/2004
Updated By: JWAGGY
Decode for OpstatID: Unknown

Operation Id: 134882
Operation Status: Unknown
Common Name: Risberg Truck Service
Yrs of Operation: 1950's
Comments: Not reported
Updated Date: 03/01/2004
Updated By: JWAGGY
Decode for OpstatID: Unknown

Operation Id: 134883
Operation Status: Inactive
Common Name: Oregon Crankshaft Service
Yrs of Operation: 1980's
Comments: Not reported
Updated Date: 03/01/2004
Updated By: JWAGGY
Decode for OpstatID: Inactive

VCS:
ECS Site ID: 4073
Facility Size: 1.06 acres (vacant)
Action: NO FURTHER STATE ACTION REQUIRED
Start Date: 07/06/2016
End Date: 07/06/2016
Facility Status: Completed
Program: VCP
Latitude: 45.516
Longitude: -122.655

B29 **LARRY S GARAGE** **EDR Hist Auto** **1009486158**
ESE **1251 BELMONT** **N/A**
< 1/8 **PORTLAND, OR**
0.035 mi.
186 ft. **Site 9 of 13 in cluster B**

Relative: EDR Hist Auto
Higher

Actual: Year: Name: Type:
76 ft. 1930 LARRY S GARAGE AUTOMOBILE GARAGES

B30 **HEATING OIL TANK** **OR LUST** **S105247448**
ESE **1224 SE BELMONT** **N/A**
< 1/8 **PORTLAND, OR 97214**
0.039 mi.
204 ft. **Site 10 of 13 in cluster B**

Relative:
Higher

Actual:
75 ft.

LUST:

Region:	North Western Region
Facility ID:	26-02-5295
Cleanup Received Date:	02/22/2002
Cleanup Start Date:	02/20/2002
Cleanup Complete Date:	**04/25/2006**
Decode for Region:	**North West Region**

E31 **HARE DOKTOR V W SERVICE** **EDR Hist Auto** **1009494575**
NNW **720 SE 11TH AVE** **N/A**
< 1/8 **PORTLAND, OR**
0.039 mi.
207 ft. **Site 1 of 4 in cluster E**

Relative:
Higher

Actual:
70 ft.

EDR Hist Auto

Year:	Name:	Type:
1985	HARE DOKTOR V W SERVICE	AUTOMOBILE REPAIRING

D32 **REX ARMS APARTMENTS** **RCRA NonGen / NLR** **1001229627**
ENE **1230 SE MORRISON ST** **ORQ000007393**
< 1/8 **PORTLAND, OR 97214**
0.039 mi.
207 ft. **Site 4 of 4 in cluster D**

Relative:
Higher

Actual:
79 ft.

RCRA NonGen / NLR:

Date form received by agency:	06/25/1998
Facility name:	REX ARMS APARTMENTS
Facility address:	1230 SE MORRISON ST PORTLAND, OR 97214
EPA ID:	ORQ000007393
Mailing address:	1135 SE SALMON ST PORTLAND, OR 97214
Contact:	KEVIN KRAUS
Contact address:	1135 SE SALMON ST PORTLAND, OR 97214
Contact country:	US
Contact telephone:	503-231-0682
Contact email:	Not reported
EPA Region:	10
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	REACH COMMUNITY DEVELOPMENT INC
Owner/operator address:	1135 SE SALMON ST PORTLAND, OR 97214
Owner/operator country:	US
Owner/operator telephone:	503-231-0682
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported

REX ARMS APARTMENTS (Continued) **1001229627**

Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 06/25/1998
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 05/01/1998
Site name: REX ARMS APARTMENTS
Classification: Not a generator, verified

Date form received by agency: 10/15/1997
Site name: REX ARMS APARTMENTS
Classification: Not a generator, verified

. Waste code: NONE
. Waste name: None

Violation Status: No violations found

C33 **YALE UNION LAUNDRY** **EDR Hist Cleaner** **1009482972**
West **800 SE 10TH AVE** **N/A**
< 1/8 **PORTLAND, OR**
0.042 mi.
223 ft. **Site 8 of 9 in cluster C**

Relative: EDR Hist Cleaner
Lower

Actual: Year: Name: Type:
53 ft. 1935 YALE UNION LAUNDRY LAUNDRIES

E34 **MAR-LAC DISTRIBUTORS COMPANY** **RCRA NonGen / NLR** **1004771585**
WNW **1001 SE MORRISON ST** **FINDS** **ORQ000011080**
< 1/8 **PORTLAND, OR 97214** **ECHO**
0.044 mi.
233 ft. **Site 2 of 4 in cluster E**

Relative:
Lower

Actual:
59 ft.

RCRA NonGen / NLR:

Date form received by agency:	04/03/2002
Facility name:	MAR-LAC DISTRIBUTORS COMPANY
Facility address:	1001 SE MORRISON ST PORTLAND, OR 97214
EPA ID:	ORQ000011080
Mailing address:	PO BOX 1896 AUBURN, WA 98001
Contact:	NO DATA ENTERED NO DATA ENTERED
Contact address:	PO BOX 1896 AUBURN, WA 98001
Contact country:	US
Contact telephone:	206-322-2686
Contact email:	Not reported
EPA Region:	10
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	MAR-LAC DISTRIBUTING CO
Owner/operator address:	PO BOX 1896 AUBURN, WA 98001
Owner/operator country:	US
Owner/operator telephone:	206-322-2686
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	04/03/2002
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	02/14/2001
Site name:	MAR-LAC DISTRIBUTORS COMPANY

MAR-LAC DISTRIBUTORS COMPANY (Continued) **1004771585**

Classification: Not a generator, verified

Date form received by agency: 05/11/2000
Site name: MAR-LAC DISTRIBUTORS COMPANY
Classification: Not a generator, verified

Date form received by agency: 01/28/1999
Site name: MAR-LAC DISTRIBUTORS COMPANY
Classification: Not a generator, verified

. Waste code: NONE
. Waste name: None

Violation Status: No violations found

FINDS:

Registry ID: 110004817253

Environmental Interest/Information System

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Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1004771585
Registry ID: 110004817253
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004817253

E35 **WHITE S AL ALIGNMENT SERVICE** **EDR Hist Auto** **1009484771**
WNW **1001 SE MORRISON** **N/A**
< 1/8 **PORTLAND, OR**
0.044 mi.
233 ft. **Site 3 of 4 in cluster E**

Relative: EDR Hist Auto
Lower

Actual: Year: Name: Type:
59 ft. 1955 WHITE S AL ALIGNMENT SERVICE AUTOMOBILE REPAIRING

B36 **LAURELHURST CLEANERS AND DYERS** **EDR Hist Cleaner** **1009476355**
ESE **1260 BELMONT** **N/A**
< 1/8 **PORTLAND, OR**
0.047 mi.
246 ft. **Site 11 of 13 in cluster B**

Relative: EDR Hist Cleaner
Higher

Actual: **77 ft.**

Year:	Name:	Type:
1924	LAURELHURST CLEANING AND DYEING	CLEANERS, DYERS AND PRESSERS
1930	LAURELHURST CLEANERS AND DYERS	CLEANERS GARMENTS CURTAINS AND DRAPERIES

B37 **GREINER S GARAGE** **EDR Hist Auto** **1009486181**
ESE **1258 BELMONT** **N/A**
< 1/8 **PORTLAND, OR**
0.047 mi.
246 ft. **Site 12 of 13 in cluster B**

Relative: EDR Hist Auto
Higher

Actual: **77 ft.**

Year:	Name:	Type:
1930	GREINER S GARAGE	AUTOMOBILE GARAGES

E38 **BORDEAUX INC** **EDR Hist Cleaner** **1019941832**
NNW **708 SE 11TH AVE** **N/A**
< 1/8 **PORTLAND, OR 97214**
0.049 mi.
260 ft. **Site 4 of 4 in cluster E**

Relative: EDR Hist Cleaner
Higher

Actual: **72 ft.**

Year:	Name:	Type:
1971	BORDEAUX INC	Drycleaning Plants, Except Rugs
1972	BORDEAUX INC	Drycleaning Plants, Except Rugs
1973	BORDEAUX INC	Drycleaning Plants, Except Rugs
1974	BORDEAUX INC	Drycleaning Plants, Except Rugs

B39 **HEATING OIL TANK** **OR LUST** **S105556447**
SE **923 SE 13TH AVE** **N/A**
< 1/8 **PORTLAND, OR 97214**
0.055 mi.
288 ft. **Site 13 of 13 in cluster B**

Relative: LUST:
Higher

Actual: **73 ft.**

Region:	North Western Region
Facility ID:	26-02-0573
Cleanup Received Date:	08/06/2002
Cleanup Start Date:	08/06/2002
Cleanup Complete Date:	**03/18/2003**
Decode for Region:	**North West Region**

F40
WNW
< 1/8
0.058 mi.
307 ft.

P M X INC — **EDR Hist Auto** — **1009495333**
813 SE 10TH AVE — **N/A**
PORTLAND, OR

Site 1 of 9 in cluster F

Relative:
Lower

EDR Hist Auto

Actual:
54 ft.

Year:	Name:	Type:
1980	P M X INC	Automotive Repair Shops, NEC
1985	P M X INC	AUTOMOBILE REPAIRING

C41
West
< 1/8
0.064 mi.
340 ft.

SUNNYSIDE LAUNDRY — **EDR Hist Cleaner** — **1009484116**
997 BELMONT — **N/A**
PORTLAND, OR

Site 9 of 9 in cluster C

Relative:
Lower

EDR Hist Cleaner

Actual:
47 ft.

Year:	Name:	Type:
1930	SUNNYSIDE LAUNDRY	LAUNDRIES

42
South
< 1/8
0.065 mi.
342 ft.

HEATING OIL TANK — **OR LUST** — **S108987252**
1007 SE 12TH AVE — **N/A**
PORTLAND, OR 97214

Relative:
Lower

Actual:
60 ft.

LUST:

Region:	North Western Region
Facility ID:	26-07-1806
Cleanup Received Date:	12/03/2007
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**03/06/2008**
Decode for Region:	**North West Region**

G43
ESE
< 1/8
0.069 mi.
364 ft.

HEATING OIL TANK — **OR LUST** — **S105463801**
900 SE 13TH AVE — **N/A**
PORTLAND, OR 97214

Site 1 of 4 in cluster G

Relative:
Higher

Actual:
81 ft.

LUST:

Region:	North Western Region
Facility ID:	26-02-0153
Cleanup Received Date:	06/14/2002
Cleanup Start Date:	06/14/2002
Cleanup Complete Date:	**11/26/2002**
Decode for Region:	**North West Region**

F44 **PEPPER BOX CAFE** **OR UST** **U004257316**
West **932 SE MORRISON ST # 940** **N/A**
< 1/8 **PORTLAND, OR 97214**
0.070 mi.
367 ft. **Site 2 of 9 in cluster F**

Relative: UST:
Lower

Facility ID:	12523
Facility Telephone:	(503) 805-4846
Permittee Name:	JENNIFER LEVY
Number of Permitted Tanks:	Not reported
Active Tanks:	Not reported
Decommissioned Tanks:	1
Number of Tanks:	1

Actual:
51 ft.

F45 **PEPPER BOX CAFE** **OR LUST** **S118347790**
West **932-940 SE MORRISON STREET** **N/A**
< 1/8 **PORTLAND, OR 97214**
0.070 mi.
367 ft. **Site 3 of 9 in cluster F**

Relative: LUST:
Lower

Region:	North Western Region
Facility ID:	26-15-1296
Cleanup Received Date:	09/14/2015
Cleanup Start Date:	10/05/2015
Cleanup Complete Date:	**04/06/2018**
Decode for Region:	**North West Region**

Actual:
51 ft.

F46 **CHIEF OF BRAKES AND AUTOMOTIVE SERV** **EDR Hist Auto** **1009496299**
West **926 SE MORRISON ST** **N/A**
< 1/8 **PORTLAND, OR**
0.074 mi.
392 ft. **Site 4 of 9 in cluster F**

Relative: EDR Hist Auto
Lower

Actual:
51 ft.

Year:	Name:	Type:
1973	STOP & GO BRAKE & WHEEL SV 2	General Automotive Repair Shops
1974	STOP & GO BRAKE & WHEEL SV 2	General Automotive Repair Shops
1975	CHIEF OF BRAKES AND AUTOMOTIVE	AUTOMOBILE REPAIRING
1985	DANAS FREEWAY FIAT	General Automotive Repair Shops
1986	FREEWAY FIAT INC	General Automotive Repair Shops
1987	FREEWAY FIAT INC	General Automotive Repair Shops
1988	FREEWAY FIAT INC	General Automotive Repair Shops
1989	FREEWAY FIAT INC	General Automotive Repair Shops
1990	FREEWAY FIAT INC	General Automotive Repair Shops
1991	FREEWAY FIAT INC	General Automotive Repair Shops
1992	FREEWAY FIAT INC	General Automotive Repair Shops
1993	FREEWAY FIAT INC	General Automotive Repair Shops
1994	FREEWAY FIAT INC	General Automotive Repair Shops
1995	FREEWAY FIAT INC	General Automotive Repair Shops
1998	FREEWAY FIAT INC	General Automotive Repair Shops
2002	A & G AUTOMOTIVE	General Automotive Repair Shops
2003	A & G AUTOMOTIVE	General Automotive Repair Shops
2004	A & G AUTOMOTIVE	General Automotive Repair Shops
2005	A & G AUTOMOTIVE	General Automotive Repair Shops
2006	A & G AUTOMOTIVE	General Automotive Repair Shops

CHIEF OF BRAKES AND AUTOMOTIVE SERV (Continued) **1009496299**

2007	A & G AUTOMOTIVE	General Automotive Repair Shops
2007	FREEWAY FIAT INC	General Automotive Repair Shops
2008	A & G AUTOMOTIVE	General Automotive Repair Shops
2009	A & G AUTOMOTIVE	General Automotive Repair Shops
2010	A & G AUTOMOTIVE	General Automotive Repair Shops
2011	DOUGLAS HOBLITT LLC	General Automotive Repair Shops
2011	A & G AUTOMOTIVE	General Automotive Repair Shops
2012	A & G AUTOMOTIVE	General Automotive Repair Shops
2012	DOUGLAS HOBLITT LLC	General Automotive Repair Shops
2013	A & G AUTOMOTIVE	General Automotive Repair Shops
2013	DOUGLAS HOBLITT LLC	General Automotive Repair Shops

G47 **STORNS RICHD L** **EDR Hist Cleaner** **1009476744**
ESE **1338 BELMONT** **N/A**
< 1/8 **PORTLAND, OR**
0.075 mi.
394 ft. **Site 2 of 4 in cluster G**

Relative: EDR Hist Cleaner
Higher

Actual: **84 ft.**

Year:	Name:	Type:
1930	STORNS RICHD L	CLEANERS GARMENTS CURTAINS AND DRAPERIES

G48 **ODEQ SE 13TH DRUG SITE** **RCRA NonGen / NLR** **1000350477**
ESE **924 SE 13TH** **FINDS** **ORD980987804**
< 1/8 **PORTLAND, OR 97202** **ECHO**
0.075 mi.
397 ft. **Site 3 of 4 in cluster G**

Relative: RCRA NonGen / NLR:
Higher

Actual: **76 ft.**

Date form received by agency:	10/13/1987
Facility name:	ODEQ SE 13TH DRUG SITE
Facility address:	924 SE 13TH PORTLAND, OR 97202
EPA ID:	ORD980987804
Mailing address:	SW 6TH PORTLAND, OR 97204
Contact:	MICHAEL EYER
Contact address:	811 SW 6TH PORTLAND, OR 97204
Contact country:	US
Contact telephone:	503-229-5102
Contact email:	Not reported
EPA Region:	10
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	STATE OF OREGON
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported

ODEQ SE 13TH DRUG SITE (Continued) **1000350477**

Legal status: State
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D000
. Waste name: Not Defined

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D003
. Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

Violation Status: No violations found

FINDS:

Registry ID: 110004792225

Environmental Interest/Information System

ODEQ SE 13TH DRUG SITE (Continued) **1000350477**

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000350477
Registry ID:	110004792225
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004792225

F49 **METRO METRIC AUTOMOTIVE SERVICE** **RCRA NonGen / NLR** **1004771434**
NW **715 SE 10TH AVE** **FINDS** **ORQ000008359**
< 1/8 **PORTLAND, OR 97214** **ECHO**
0.079 mi. **OR HSIS**
416 ft. **Site 5 of 9 in cluster F** **OR MANIFEST**

Relative: Lower

Actual: 55 ft.

RCRA NonGen / NLR:

Date form received by agency:	12/31/2009
Facility name:	METRO METRIC AUTOMOTIVE SERVICE
Facility address:	715 SE 10TH AVE PORTLAND, OR 97214-2402
EPA ID:	ORQ000008359
Mailing address:	3787 RIVER RD N STE A KEIZER, OR 97303
Contact:	RON JOHNSON
Contact address:	715 SE 10TH AVENUE PORTLAND, OR 97214
Contact country:	US
Contact telephone:	503-233-0272
Contact email:	Not reported
EPA Region:	10
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	METRO METRIC AUTOMOTIVE SERVICE
Owner/operator address:	715 SE 10TH AVE PORTLAND, OR 97214
Owner/operator country:	US
Owner/operator telephone:	503-233-0272
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	12/31/2009
Owner/Op end date:	Not reported

Owner/operator name:	METRO METRIC AUTOMOTIVE SERVICE
Owner/operator address:	715 SE 10TH AVE PORTLAND, OR 97214

METRO METRIC AUTOMOTIVE SERVICE (Continued) **1004771434**

Owner/operator country: US
Owner/operator telephone: 503-233-0272
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 10/22/2008
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: NA
. Waste name: NA

Historical Generators:
Date form received by agency: 12/31/2008
Site name: METRO METRIC AUTOMOTIVE SERVICE
Classification: Not a generator, verified

Date form received by agency: 12/31/2007
Site name: METRO METRIC AUTOMOTIVE SERVICE
Classification: Not a generator, verified

Date form received by agency: 12/31/2006
Site name: METRO METRIC AUTOMOTIVE SERVICE
Classification: Not a generator, verified

Date form received by agency: 12/31/2005
Site name: METRO METRIC AUTOMOTIVE SERVICE
Classification: Not a generator, verified

Date form received by agency: 12/31/2004
Site name: METRO METRIC AUTOMOTIVE SERVICE
Classification: Not a generator, verified

Date form received by agency: 12/31/2003
Site name: METRO METRIC AUTOMOTIVE SERVICE
Classification: Not a generator, verified

Date form received by agency: 01/06/2003

METRO METRIC AUTOMOTIVE SERVICE (Continued) **1004771434**

Site name: METRO METRIC AUTOMOTIVE SERVICE
Classification: Not a generator, verified

Date form received by agency: 01/07/2002
Site name: METRO METRIC AUTOMOTIVE SERVICE
Classification: Not a generator, verified

Date form received by agency: 01/18/2001
Site name: METRO METRIC AUTOMOTIVE SERVICE
Classification: Not a generator, verified

Date form received by agency: 01/20/2000
Site name: METRO METRIC AUTOMOTIVE SERVICE
Classification: Not a generator, verified

Date form received by agency: 02/10/1999
Site name: METRO METRIC AUTOMOTIVE SERVICE
Classification: Not a generator, verified

Date form received by agency: 03/02/1998
Site name: METRO METRIC AUTOMOTIVE SERVICE
Classification: Not a generator, verified

. Waste code: NONE
. Waste name: None

Violation Status: No violations found

FINDS:

Registry ID: 110004814933

Environmental Interest/Information System

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Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1004771434
Registry ID: 110004814933
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004814933

METRO METRIC AUTOMOTIVE SERVICE (Continued) **1004771434**

HSIS:

Facility ID:	011531
Department Or Division Of Company:	Not reported
Extremely Hazardous Substance:	N
Facility Has Written Emergency Plan:	Y
Contains 112R:	N
NAICS Code 1:	811111
NAICS Desc 1:	GENERAL AUTOMOTIVE REPAIR
NAICS Code 2:	000000
NAICS Desc 2:	Not reported
Manager Name:	RONALD JOHNSON
Business Phone:	5032330272
Mailing Address:	715 SE 10TH AVE
Mailing City:	PORTLAND
Mailing State:	OR
Mailing Zip:	972142402
No. of Employees:	5
Day Phone:	5032330272
Placard:	N
Fire Dept Code:	0291
FD:	PORTLAND FIRE & RESCUE
Sprinkler System:	N
Emergency Contact:	RON JOHNSON
Emergency Procedure:	SHOP OFFICE
Business Type:	AUTO REPAIR
Facility Type:	Not reported
Division/Department:	Not reported
Facility Status:	Not reported
Status TRI:	Not reported
Status RMP:	Not reported
Status PSM:	Not reported
Status CR2K:	Not reported
Status 302:	Not reported
Owner Name:	Not reported
Latest Report ID:	Not reported
Case Number:	Not reported
Chemical Name:	Not reported
EHS Name:	Not reported
Is Pure:	Not reported
Is Mix:	Not reported
Is EHS:	Not reported
Mixture Component:	Not reported
Maximum DailyAmount Code:	Not reported
Maximum DailyAmount Unit:	Not reported
Chemical Added Date:	Not reported
Is ChemPSM:	Not reported
Is Chem112r:	Not reported
Is Chem302:	Not reported
Is Pesticide:	Not reported
Is Fertilizer:	Not reported
Physical State:	Not reported
UNNA Number:	Not reported
NFPA Health:	Not reported
NFPA Flammability:	Not reported
NFPA Reactivity:	Not reported
NFPA Special Notice:	Not reported
Hazards:	Not reported

METRO METRIC AUTOMOTIVE SERVICE (Continued) **1004771434**

No# of Days Onsite:	Not reported
Latitude:	Not reported
Longitude:	Not reported

Facility:

Chemical Name:	USED MOTOR OIL
Physical Description:	LIQUID
Case Number:	000000
Facility Id:	011531
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	D
Temperature Description:	STEEL DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	PETROLEUM HYDROCARBONS
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	USED MOTOR OIL
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	N

METRO METRIC AUTOMOTIVE SERVICE (Continued) **1004771434**

Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported
Facility ID:	011531
Department Or Division Of Company:	Not reported
Extremely Hazardous Substance:	Not reported
Facility Has Written Emergency Plan:	Not reported
Contains 112R:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
Manager Name:	Not reported
Business Phone:	Not reported
Mailing Address:	Not reported
Mailing City:	Not reported
Mailing State:	Not reported
Mailing Zip:	Not reported
No. of Employees:	Not reported
Day Phone:	Not reported
Placard:	Not reported
Fire Dept Code:	Not reported
FD:	PORTLAND FIRE & RESCUE
Sprinkler System:	Not reported
Emergency Contact:	Not reported
Emergency Procedure:	Not reported
Business Type:	Not reported
Facility Type:	Private
Division/Department:	Not reported
Facility Status:	ACTIVE
Status TRI:	Active
Status RMP:	Active
Status PSM:	Active
Status CR2K:	Inactive
Status 302:	Active
Owner Name:	RONALD JOHNSON
Latest Report ID:	18857
Case Number:	N/A
Chemical Name:	USED MOTOR OIL
EHS Name:	Not reported
Is Pure:	No
Is Mix:	Yes
Is EHS:	Not reported
Mixture Component:	Not reported
Maximum DailyAmount Code:	11
Maximum DailyAmount Unit:	gal
Chemical Added Date:	09/11/2017
Is ChemPSM:	No
Is Chem112r:	No
Is Chem302:	No
Is Pesticide:	No
Is Fertilizer:	No
Physical State:	Liquid
UNNA Number:	N/A

METRO METRIC AUTOMOTIVE SERVICE (Continued) **1004771434**

NFPA Health:	0
NFPA Flammability:	0
NFPA Reactivity:	0
NFPA Special Notice:	N/A
Hazards:	Health SkinCorrosion, Physical Combustive
No# of Days Onsite:	365
Latitude:	45.5177
Longitude:	-122.656

Facility:

Chemical Name:	USED MOTOR OIL
Physical Description:	LIQUID
Case Number:	000000
Facility Id:	011531
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	D
Temperature Description:	STEEL DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	PETROLEUM HYDROCARBONS
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	USED MOTOR OIL
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	6.4

METRO METRIC AUTOMOTIVE SERVICE (Continued) **1004771434**

Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	N
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

OR MANIFEST:

Manifest Year:	Manifest Year - 2007
EPA Id:	ORQ000008359
Inactive Status:	Not reported
Organization Name:	Not reported
Contact Name:	Dr Mitchell Wang
Contact Telephone Number:	(503) 393-0980
Mailing Address:	3787 River Rd N Ste A
Mailing City/State/Zip:	Keizer, OR 97303

H50 **PRESTO CLEANERS** **EDR Hist Cleaner** **1018554448**
East **1320 SE MORRISON** **N/A**
< 1/8 **PORTLAND, OR 97214**
0.082 mi.
433 ft. **Site 1 of 4 in cluster H**

Relative: EDR Hist Cleaner
Higher

Actual:
86 ft.

Year:	Name:	Type:
1976	PRESTO CLEANERS	Garment Pressing And Cleaners' Agents
1977	PRESTO CLEANERS	Garment Pressing And Cleaners' Agents
1978	PRESTO CLEANERS	Garment Pressing And Cleaners' Agents
1979	PRESTO CLEANERS	Garment Pressing And Cleaners' Agents
1980	PRESTO CLEANERS	Garment Pressing And Cleaners' Agents
1982	PRESTO CLEANERS	Garment Pressing And Cleaners' Agents
1983	PRESTO CLEANERS	Garment Pressing And Cleaners' Agents
1985	PRESTO CLEANERS	Garment Pressing And Cleaners' Agents

F51 **BELMONT CLEANERS** **EDR Hist Cleaner** **1009483869**
West **923 BELMONT** **N/A**
< 1/8 **PORTLAND, OR**
0.082 mi.
434 ft. **Site 6 of 9 in cluster F**

Relative: EDR Hist Cleaner
Lower

Actual:
44 ft.

Year:	Name:	Type:
1930	BELMONT CLEANERS	CLEANERS GARMENTS CURTAINS AND DRAPERIES

H52 **PRESTO CLEANERS** **EDR Hist Cleaner** **1009476685**
East **1328 SE MORRISON ST** **N/A**
< 1/8 **PORTLAND, OR**
0.084 mi.
446 ft. **Site 2 of 4 in cluster H**

Relative: EDR Hist Cleaner
Higher

Actual: **86 ft.**

Year:	Name:	Type:
1940	PRESTO CLEANERS	CLOTHES PRESSERS AND CLEANERS
1950	PRESTO CLEANERS	CLEANERS AND DYERS
1955	PRESTO CLEANERS	CLEANERS AND DYERS
1960	PRESTO CLEANERS	CLOTHES PRESSERS AND CLEANERS
1965	PRESTO CLEANERS	CLEANERS AND DYERS
1970	PRESTO CLEANERS	CLEANERS AND DYERS
1975	PRESTO CLEANERS	CLEANERS AND DYERS
1981	PRESTO CLEANERS	CLEANERS AND DYERS
1985	PRESTO CLEANERS	CLEANERS AND DYERS
1986	PRESTO CLEANERS	Garment Pressing And Cleaners' Agents
1987	PRESTO CLEANERS	Garment Pressing And Cleaners' Agents
1988	PRESTO CLEANERS	Garment Pressing And Cleaners' Agents
1989	PRESTO CLEANERS	Laundry And Drycleaner Agents
1990	PRESTO CLEANERS	Laundry And Drycleaner Agents

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53 **LZB INC DBA EARTH ANCHORS** **RCRA-CESQG** **1005417926**
North **619 SE 12TH AVE** **FINDS** **ORQ000017616**
< 1/8 **PORTLAND, OR 97214** **ECHO**
0.086 mi.
452 ft.

Relative: RCRA-CESQG:
Higher

Actual: **85 ft.**

Date form received by agency:	08/01/2006
Facility name:	LZB INC DBA EARTH ANCHORS
Facility address:	619 SE 12TH AVE PORTLAND, OR 97214
EPA ID:	ORQ000017616
Contact:	JEFF TORSON
Contact address:	619 SE 12TH AVE PORTLAND, OR 97214
Contact country:	US
Contact telephone:	503-709-5658
Contact email:	EANCHORS@QUEST.NET
EPA Region:	10
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

LZB INC DBA EARTH ANCHORS (Continued) **1005417926**

Owner/Operator Summary:
- Owner/operator name: LEE ZUMWALT
- Owner/operator address: 619 SE 12TH AVE
  PORTLAND, OR 97214
- Owner/operator country: US
- Owner/operator telephone: 503-709-1819
- Owner/operator email: Not reported
- Owner/operator fax: Not reported
- Owner/operator extension: Not reported
- Legal status: Private
- Owner/Operator Type: Owner
- Owner/Op start date: 08/01/2006
- Owner/Op end date: Not reported

- Owner/operator name: LEE ZUMWALT
- Owner/operator address: 619 SE 12TH AVE
  PORTLAND, OR 97214
- Owner/operator country: US
- Owner/operator telephone: 503-709-1819
- Owner/operator email: Not reported
- Owner/operator fax: Not reported
- Owner/operator extension: Not reported
- Legal status: Private
- Owner/Operator Type: Operator
- Owner/Op start date: 08/01/2006
- Owner/Op end date: Not reported

Handler Activities Summary:
- U.S. importer of hazardous waste: No
- Mixed waste (haz. and radioactive): No
- Recycler of hazardous waste: No
- Transporter of hazardous waste: No
- Treater, storer or disposer of HW: No
- Underground injection activity: No
- On-site burner exemption: No
- Furnace exemption: No
- Used oil fuel burner: No
- Used oil processor: No
- User oil refiner: No
- Used oil fuel marketer to burner: No
- Used oil Specification marketer: No
- Used oil transfer facility: No
- Used oil transporter: No

Historical Generators:
- Date form received by agency: 12/31/2003
- Site name: LZB INC DBA EARTH ANCHORS
- Classification: Conditionally Exempt Small Quantity Generator

- Date form received by agency: 12/27/2002
- Site name: LZB INC DBA EARTH ANCHORS
- Classification: Conditionally Exempt Small Quantity Generator

- Date form received by agency: 12/28/2001
- Site name: LZB INC DBA EARTH ANCHORS
- Classification: Conditionally Exempt Small Quantity Generator

LZB INC DBA EARTH ANCHORS (Continued) **1005417926**

Date form received by agency: 04/27/2001
Site name: LZB INC DBA EARTH ANCHORS
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110012259126

Environmental Interest/Information System
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Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1005417926
Registry ID: 110012259126
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110012259126

H54 **HI S LAUNDROMAT** **EDR Hist Cleaner** **1009476740**
East **1336 SE MORRISON** **N/A**
< 1/8 **PORTLAND, OR**
0.086 mi.
453 ft. **Site 3 of 4 in cluster H**

Relative: EDR Hist Cleaner
Higher

Actual: **86 ft.**

Year:	Name:	Type:
1960	HI S LAUNDROMAT	LAUNDRIES SELF SERVE
1965	HI S LAUNDROMAT	LAUNDRIES SELF SERVE
1970	HI S LAUNDROMAT	LAUNDRIES SELF SERVE
1975	HI S LAUNDROMAT	LAUNDRIES SELF SERVE

I55 **STANTON CO AUTO C BRAKE REPAIR** **EDR Hist Auto** **1009496368**
WSW **936 SE BELMONT ST** **N/A**
< 1/8 **PORTLAND, OR**
0.086 mi.
455 ft. **Site 1 of 6 in cluster I**

Relative: EDR Hist Auto
Lower

Actual:
43 ft.

Year:	Name:	Type:
1940	WELDY QUENTIN B	GASOLINE AND OIL SERVICE STATIONS
1950	RUSTY S TRUCK N AUTO SERVICE	GASOLINE STATIONS
1955	COMELLA S TURCK N AUTO SERVICE	GASOLINE STATIONS
1955	COMELLA S TRUCK N AUTO SERVICE	AUTOMOBILE REPAIRING
1960	STEVE S TRUCK AND AUTO SERVICE	AUTOMOBILE REPAIRING
1970	STANTON CO AUTO C BRAKE REPAIR	AUTOMOBILE REPAIRING

F56 **HARRIS AND KARR** **EDR Hist Auto** **1009496214**
West **915 SE BELMONT** **N/A**
< 1/8 **PORTLAND, OR**
0.088 mi.
467 ft. **Site 7 of 9 in cluster F**

Relative: EDR Hist Auto
Lower

Actual:
43 ft.

Year:	Name:	Type:
1935	HARRIS AND KARR	GASOLINE AND OIL SERVICE STATIONS
1987	EDS MUFFLERS & BRAKES	Automotive Repair Shops, NEC
1988	EDS MUFFLERS & BRAKES	Automotive Repair Shops, NEC
1989	EDS MUFFLERS & BRAKES	Automotive Repair Shops, NEC
1990	EDS MUFFLERS & BRAKES	Automotive Repair Shops, NEC
1991	EDS MUFFLERS & BRAKES	Automotive Repair Shops, NEC
1992	EDS MUFFLERS & BRAKES	Automotive Repair Shops, NEC
1993	EDS MUFFLERS & BRAKES	Automotive Repair Shops, NEC
1994	EDS MUFFLERS & BRAKES	Automotive Repair Shops, NEC
1995	EDS MUFFLERS & BRAKES	Automotive Repair Shops, NEC
1996	EDS MUFFLERS & BRAKES	Automotive Repair Shops, NEC

F57 **SE 9TH AND BELMONT** **OR LUST** **S118673260**
West **915 SE BELMONT STREET** **N/A**
< 1/8 **PORTLAND, OR 97214**
0.088 mi.
467 ft. **Site 8 of 9 in cluster F**

Relative: LUST:
Lower

Actual:
43 ft.

Region:	North Western Region
Facility ID:	26-16-0200
Cleanup Received Date:	02/23/2016
Cleanup Start Date:	02/22/2016
Cleanup Complete Date:	**08/15/2016**
Decode for Region:	**North West Region**

J58 **GLOBE SERVICE STATION ANNEX** **EDR Hist Auto** **1009484782**
SW **1002 SE 10TH AVE** **N/A**
< 1/8 **PORTLAND, OR**
0.090 mi.
475 ft. **Site 1 of 2 in cluster J**

Relative: EDR Hist Auto
Lower

Actual: Year: Name: Type:
43 ft. 1940 GLOBE SERVICE STATION ANNEX GASOLINE AND OIL SERVICE STATIONS

G59 **NATURE CONSERVANCY OF OREGON THE** **RCRA-CESQG** **1005905943**
East **821 SE 14TH AVE** **FINDS** **ORQ000021238**
< 1/8 **PORTLAND, OR 97214** **ECHO**
0.091 mi.
483 ft. **Site 4 of 4 in cluster G**

Relative: RCRA-CESQG:
Higher
Actual: Date form received by agency: 12/31/2003
86 ft. Facility name: NATURE CONSERVANCY OF OREGON THE
Facility address: 821 SE 14TH AVE
PORTLAND, OR 97214
EPA ID: ORQ000021238
Contact: JONATHAN SOLL
Contact address: 821 SE 14TH AVE
PORTLAND, OR 97214
Contact country: US
Contact telephone: 503-230-1221
Contact email: Not reported
EPA Region: 10
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:
Owner/operator name: THE NATURE CONSERVANCY
Owner/operator address: 821 SE 14TH AVE
PORTLAND, OR 97214
Owner/operator country: US
Owner/operator telephone: 503-230-1221
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 08/29/2002
Owner/Op end date: Not reported

NATURE CONSERVANCY OF OREGON THE (Continued) **1005905943**

Owner/operator name: NATURE CONSERVANCY THE
Owner/operator address: 4245 N FAIRFAX DR STE 100
ARLINGTON, VA 22203
Owner/operator country: US
Owner/operator telephone: 800-628-6860
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 08/29/2002
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: NA
. Waste name: NA

Historical Generators:
Date form received by agency: 04/01/2003
Site name: NATURE CONSERVANCY OF OREGON THE
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 08/29/2002
Site name: NATURE CONSERVANCY OF OREGON THE
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110013292784

Environmental Interest/Information System
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NATURE CONSERVANCY OF OREGON THE (Continued) **1005905943**

Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1005905943
Registry ID:	110013292784
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110013292784

H60 **HEATING OIL TANK** **OR LUST** **S118140540**
ENE **1335 SE MORRISON ST** **N/A**
< 1/8 **PORTLAND, OR 97214**
0.096 mi.
509 ft. **Site 4 of 4 in cluster H**

Relative: **Higher**
Actual: **88 ft.**

LUST:

Region:	North Western Region
Facility ID:	26-15-0488
Cleanup Received Date:	04/14/2015
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**Not reported**
Decode for Region:	**North West Region**

K61 **HEATING OIL TANK** **OR LUST** **S117565623**
SE **1318 SE YAMHILL ST** **N/A**
< 1/8 **PORTLAND, OR 97214**
0.097 mi.
512 ft. **Site 1 of 2 in cluster K**

Relative: **Higher**
Actual: **71 ft.**

LUST:

Region:	North Western Region
Facility ID:	26-14-1456
Cleanup Received Date:	10/22/2014
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**08/19/2015**
Decode for Region:	**North West Region**

I62 **MILLER S LAUNDERETTE** **EDR Hist Cleaner** **1009483739**
WSW **904 SE BELMONT** **N/A**
< 1/8 **PORTLAND, OR**
0.101 mi.
534 ft. **Site 2 of 6 in cluster I**

Relative: **Lower**
Actual: **41 ft.**

EDR Hist Cleaner

Year:	Name:	Type:
1950	MILLER S LAUNDERETTE	LAUNDRIES SELF SERVE
1955	MILLER S LAUNDERETTE	LAUNDRIES SELF SERVE

MILLER S LAUNDERETTE (Continued) **1009483739**

1960 MILLER S LAUNDERETTE LAUNDRIES SELF SERVE

F63 **NAPA AUTO PARTS** **RCRA NonGen / NLR** **1004770936**
WNW **730 SOUTHEAST 9TH** **FINDS** **ORD987200383**
< 1/8 **PORTLAND, OR 97214** **ECHO**
0.101 mi.
534 ft. **Site 9 of 9 in cluster F**

Relative:
Lower

Actual:
47 ft.

RCRA NonGen / NLR:

Date form received by agency:	12/31/2009
Facility name:	NAPA AUTO PARTS
Facility address:	730 SE 9TH PORTLAND, OR 97214
EPA ID:	ORD987200383
Mailing address:	10515 N LOMBARD ST PORTLAND, OR 97203
Contact:	MARK GRIFFITH
Contact address:	10515 N LOMBARD ST PORTLAND, OR 97203
Contact country:	US
Contact telephone:	503-286-8851
Contact email:	Not reported
EPA Region:	10
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	GENUINE PARTS COMPANY
Owner/operator address:	10515 N LOMBARD ST PORTLAND, OR 97203
Owner/operator country:	US
Owner/operator telephone:	503-286-8851
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Operator
Owner/Op start date:	12/31/2009
Owner/Op end date:	Not reported

Owner/operator name:	GENUINE PARTS COMPANY
Owner/operator address:	2999 CIRCLE 75 PARKWAY ATLANTA, GA 30339
Owner/operator country:	US
Owner/operator telephone:	770-953-1700
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Owner
Owner/Op start date:	01/27/1993
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No

NAPA AUTO PARTS (Continued) **1004770936**

Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: NA
. Waste name: NA

Historical Generators:

Date form received by agency: 12/31/2003
Site name: NAPA AUTO PARTS
Classification: Not a generator, verified

Date form received by agency: 01/08/2003
Site name: NAPA AUTO PARTS
Classification: Not a generator, verified

Date form received by agency: 03/25/2002
Site name: NAPA AUTO PARTS
Classification: Not a generator, verified

Date form received by agency: 01/04/2002
Site name: NAPA AUTO PARTS
Classification: Not a generator, verified

Date form received by agency: 01/18/2001
Site name: NAPA AUTO PARTS
Classification: Not a generator, verified

Date form received by agency: 02/16/2000
Site name: NAPA AUTO PARTS
Classification: Not a generator, verified

Date form received by agency: 02/05/1999
Site name: NAPA AUTO PARTS
Classification: Not a generator, verified

Date form received by agency: 02/14/1997
Site name: NAPA AUTO PARTS
Classification: Not a generator, verified

Date form received by agency: 01/19/1996
Site name: NAPA AUTO PARTS
Classification: Not a generator, verified

Date form received by agency: 03/13/1995
Site name: NAPA AUTO PARTS
Classification: Not a generator, verified

NAPA AUTO PARTS (Continued) **1004770936**

Date form received by agency: 01/11/1994
Site name: NAPA AUTO PARTS
Classification: Not a generator, verified

Date form received by agency: 01/27/1993
Site name: NAPA AUTO PARTS
Classification: Not a generator, verified

. Waste code: NONE
. Waste name: None

Violation Status: No violations found

FINDS:

Registry ID: 110004806915

Environmental Interest/Information System

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Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1004770936
Registry ID: 110004806915
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004806915

L64 **UNITED SALAD CO. (GARAGE)** **OR UST** **U000432750**
NW **939 SE ALDER** **N/A**
< 1/8 **PORTLAND, OR 97214**
0.102 mi.
541 ft. **Site 1 of 2 in cluster L**

Relative: **Lower**
Actual: **54 ft.**

UST:
Facility ID: 9183
Facility Telephone: (503) 232-7170
Permittee Name: GENE BYERS
Number of Permitted Tanks: Not reported
Active Tanks: Not reported
Decommissioned Tanks: 2
Number of Tanks: 2

I65 **DEWART AND LIVESLEY TRUSTS** **OR LUST** **S107135406**
WSW **930 SE 9TH AVENUE** **N/A**
< 1/8 **PORTLAND, OR 97214**
0.103 mi.
542 ft. **Site 3 of 6 in cluster I**

Relative: LUST:
Lower

Region:	North Western Region
Facility ID:	26-05-1266
Cleanup Received Date:	06/15/2005
Cleanup Start Date:	06/16/2005
Cleanup Complete Date:	**12/02/2005**
Decode for Region:	**North West Region**

Actual:
41 ft.

I66 **PIERCE L H AUTO SERVICE** **EDR Hist Auto** **1009496383**
WSW **938 SE 9TH AVE** **N/A**
< 1/8 **PORTLAND, OR**
0.103 mi.
544 ft. **Site 4 of 6 in cluster I**

Relative: EDR Hist Auto
Lower

Actual:
41 ft.

Year:	Name:	Type:
1935	PIERCE L H AUTO SERVICE	AUTOMOBILE GARAGES
1940	PIERCE L H AUTO SERVICE	AUTOMOBILE REPAIRING

I67 **WEBERS GARAGE** **EDR Hist Auto** **1009496057**
WSW **900 BELMONT** **N/A**
< 1/8 **PORTLAND, OR**
0.103 mi.
544 ft. **Site 5 of 6 in cluster I**

Relative: EDR Hist Auto
Lower

Actual:
41 ft.

Year:	Name:	Type:
1930	WEBERS GARAGE	AUTOMOBILE GARAGES

J68 **HIBBARD AND BARR GARAGE INC** **EDR Hist Auto** **1009485070**
SSW **1037 SE TAYLOR** **N/A**
< 1/8 **PORTLAND, OR**
0.106 mi.
560 ft. **Site 2 of 2 in cluster J**

Relative: EDR Hist Auto
Lower

Actual:
42 ft.

Year:	Name:	Type:
1935	HIBBARD AND BARR GARAGE INC	AUTOMOBILE GARAGES
1940	MARKET GARAGE	AUTOMOBILE REPAIRING
1974	QUALITY TRUCK REPAIR	General Automotive Repair Shops
1975	QUALITY TRUCK REPAIR	General Automotive Repair Shops
1976	QUALITY TRUCK REPAIR	General Automotive Repair Shops
1977	QUALITY TRUCK REPAIR	General Automotive Repair Shops
1978	QUALITY TRUCK REPAIR	General Automotive Repair Shops

M69 **UNIQUE PRODUCTS INC** **RCRA NonGen / NLR** **1000350619**
South **1106 SE TAYLOR ST** **FINDS** **ORD982654683**
< 1/8 **PORTLAND, OR 97214** **ECHO**
0.112 mi.
593 ft. **Site 1 of 4 in cluster M**

Relative:
Lower

Actual:
53 ft.

RCRA NonGen / NLR:

Date form received by agency:	12/28/1995
Facility name:	UNIQUE PRODUCTS INC
Facility address:	1106 SE TAYLOR ST PORTLAND, OR 97214
EPA ID:	ORD982654683
Mailing address:	2501 SE REEDWAY PORTLAND, OR 97202
Contact:	TOM LINNEMANN
Contact address:	2501 SE REEDWAY PORTLAND, OR 97202
Contact country:	US
Contact telephone:	503-231-9697
Contact email:	Not reported
EPA Region:	10
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	GENESIS INC
Owner/operator address:	1106 SE TAYLOR PORTLAND, OR 97202
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Owner
Owner/Op start date:	12/28/1995
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	03/10/1989
Site name:	UNIQUE PRODUCTS INC

UNIQUE PRODUCTS INC (Continued) **1000350619**

Classification: Not a generator, verified

. Waste code: NONE
. Waste name: None

Violation Status: No violations found

FINDS:

Registry ID: 110004794571

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000350619
Registry ID: 110004794571
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004794571

I70
WSW
< 1/8
0.120 mi.
634 ft.

KULLBERG PROPERTIES **OR UST** **U001150135**
826 SE BELMONT **N/A**
PORTLAND, OR 97214

Site 6 of 6 in cluster I

Relative:
Lower

Actual:
40 ft.

UST:
Facility ID: 11068
Facility Telephone: (503)282-3645
Permittee Name: DON KULLBERG, OWNER
Number of Permitted Tanks: Not reported
Active Tanks: Not reported
Decommissioned Tanks: 1
Number of Tanks: 1

N71
NNW
< 1/8
0.123 mi.
651 ft.

LEWIS BROS MEATS **OR LUST** **U000432705**
1005 SE WASHINGTON ST **OR UST** **N/A**
PORTLAND, OR 97214

Site 1 of 3 in cluster N

Relative:
Higher

Actual:
73 ft.

LUST:
Region: North Western Region
Facility ID: 26-92-0038
Cleanup Received Date: 02/18/1992
Cleanup Start Date: 02/18/1992
Cleanup Complete Date: 06/09/1992
Decode for Region: North West Region

LEWIS BROS MEATS (Continued) **U000432705**

UST:
Facility ID: 10084
Facility Telephone: (503)234-5284
Permittee Name: CHRISTINE, BOOKKEEPER
Number of Permitted Tanks: Not reported
Active Tanks: Not reported
Decommissioned Tanks: 2
Number of Tanks: 2

L72 **HEATING OIL TANK** **OR LUST** **S118452371**
WNW **820 SE ALDER ST** **N/A**
1/8-1/4 **PORTLAND, OR 97214**
0.127 mi.
668 ft. **Site 2 of 2 in cluster L**

Relative:
Lower
Actual:
46 ft.

LUST:
Region: North Western Region
Facility ID: 26-15-1576
Cleanup Received Date: 11/10/2015
Cleanup Start Date: Not reported
Cleanup Complete Date: 12/03/2015
Decode for Region: North West Region

K73 **HEATING OIL TANK** **OR LUST** **S106777546**
SE **1035 SE 14 AVE** **N/A**
1/8-1/4 **PORTLAND, OR 97214**
0.130 mi.
688 ft. **Site 2 of 2 in cluster K**

Relative:
Higher
Actual:
71 ft.

LUST:
Region: North Western Region
Facility ID: 26-04-2280
Cleanup Received Date: 11/11/2004
Cleanup Start Date: 11/15/2004
Cleanup Complete Date: 04/29/2005
Decode for Region: North West Region

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74 **HEATING OIL TANK** **OR LUST** **S118673318**
ENE **1403 SE ALDER ST** **N/A**
1/8-1/4 **PORTLAND, OR 97214**
0.131 mi.
694 ft.

Relative:
Higher
Actual:
94 ft.

LUST:
Region: North Western Region
Facility ID: 26-16-0289
Cleanup Received Date: 03/10/2016
Cleanup Start Date: Not reported
Cleanup Complete Date: 06/29/2016
Decode for Region: North West Region

O75 **AIR FILTER SALES AND SERVICE, INC.** **RCRA NonGen / NLR** **1000114116**
SSW **1138 SE 10TH AVE** **FINDS** **ORD009422213**
1/8-1/4 **PORTLAND, OR 97214** **ECHO**
0.135 mi.
715 ft. **Site 1 of 3 in cluster O**

Relative:
Lower

Actual:
40 ft.

RCRA NonGen / NLR:

Date form received by agency:	12/04/1986
Facility name:	AIR FILTER SALES AND SERVICE, INC.
Facility address:	1138 SE 10TH AVE PORTLAND, OR 97214
EPA ID:	ORD009422213
Mailing address:	1138 SE 10TH AVENUE PORTLAND, OR 97214
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	10
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	RICHARD STAUSS
Owner/operator address:	1138 SE 10TH AVENUE PORTLAND, OR 97214
Owner/operator country:	Not reported
Owner/operator telephone:	503-233-5101
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	12/04/1986
Site name:	AIR FILTER SALES AND SERVICE, INC.

AIR FILTER SALES AND SERVICE, INC. (Continued) **1000114116**

Classification: Not a generator, verified

Violation Status: No violations found

FINDS:

Registry ID: 110004779847

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000114116
Registry ID: 110004779847
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004779847

P76 **HEATING OIL TANK** **OR LUST** **S118347578**
SE **1014 SE 14TH AVE** **N/A**
1/8-1/4 **PORTLAND, OR 97214**
0.138 mi.
730 ft. **Site 1 of 4 in cluster P**

Relative: **Higher**
Actual: **81 ft.**

LUST:
Region: North Western Region
Facility ID: 26-15-0949
Cleanup Received Date: 07/09/2015
Cleanup Start Date: Not reported
Cleanup Complete Date: Not reported
Decode for Region: North West Region

Q77 **HONEYWELL PROTECTION SERVICES** **OR UST** **U000432698**
WSW **810 SE BELMONT ST** **N/A**
1/8-1/4 **PORTLAND, OR 97214**
0.139 mi.
734 ft. **Site 1 of 3 in cluster Q**

Relative: **Lower**
Actual: **40 ft.**

UST:
Facility ID: 1677
Facility Telephone: (503) 232-9186
Permittee Name: HAROLD J. FRANCE, BRANCH MANAGER
Number of Permitted Tanks: Not reported
Active Tanks: Not reported
Decommissioned Tanks: 1
Number of Tanks: 1

Q78 **BRIGHT DAY COMMERCIAL PROPERTY** **OR ECSI** **S109051819**
WSW **810 SE BELMONT ST** **OR VCP** **N/A**
1/8-1/4 **PORTLAND, OR 97214**
0.139 mi.
734 ft. **Site 2 of 3 in cluster Q**

Relative: **Lower**

Actual: **40 ft.**

ECSI:

State ID Number:	4977
Brown ID:	0
Study Area:	False
Region ID:	2
Legislatve ID:	831
Investigation:	No Further Action
FACA ID:	106958
Further Action:	0
Lat/Long (dms):	45 30 58.00 / -122 39 26.30
County Code:	26.00
Score Value:	Not reported
Cerclis ID:	Not reported
Township Coord.:	1.00
Township Zone:	S
Range Coord:	1.00
Range Zone:	E
Section Coord:	2
Qtr Section:	BB
Tax Lots:	6800
Size:	0.46 acres
NPL:	False
Orphan:	False
Updated By:	MGREENB
Update Date:	09/14/2009
Created Date:	04/15/2008
Decode For RegionID:	Northwest Region
Decode For BrownID:	Not reported
Decode For Furtheract:	Not reported
Decode For Investstat:	No Further Action
Decode For Legislative:	Owner, operator or other party under agreement, order or consent decree under ORS 465.200 or 465.420

Narrative:

NARR ID:	5751701
NARR Code:	Remedial Action
Created By:	MGREENB
Created Date:	09/14/2009
Updated By:	MGREENB
Updated Date:	09/14/2009
Decode for NarcdID:	Remedial Action

NARR Comments: Diesel range organic compounds (DRO), oil range organic compounds (ORO), polynuclear aromatic hydrocarbons (PAH) and volatile organic compounds (VOC) associated with petroleum fuels were identified in former pump island area. Some other organic contaminants were observed but were not widespread (observed in one sample only, etc.). None of the organic contaminants observed in soil exceeded risk-based criteria for any of the completed exposure pathways (Construction Worker Soil Direct Contact, Soil Vapor Intrusion into Buildings and Soil Volatilization to Outdoor Air). Elevated levels of lead were observed in subsurface soils throughout the site. These levels were determined to be associated with historical fill materials. The mean concentration of lead was determined to be below DEQ Risk-Based Concentrations (RBCs) for soil for occupational, construction and

BRIGHT DAY COMMERCIAL PROPERTY (Continued) **S109051819**

excavation worker direct contact exposure. DEQ has determined that these soils would be considered solid waste if excavated during maintenance or development activities at the site. Furthermore, investigation results indicate these soils could potentially fail criteria and be classified as a characteristic hazardous waste. Analysis of groundwater samples collected from beneath the pump island area indicated the presence of DRO, ORO, PAH and VOC associated with petroleum fuels. Additional investigation to the west of this area (the downgradient direction) indicated that contaminants are attenuating close to the site. The stormwater sewer located adjacent to the site and within City right-of-way is constructed above the water table and is not expected to be impacted by groundwater. Tetrachloroethene was also detected in groundwater in one sample but no source of this contaminant was identified in soil at the site indicating the contaminant is from an unidentified off-site source. Metals in groundwater were not a concern. Further investigative activities identified a 500-gallon UST (formerly used in private fleet refueling) in the southeast quarter of the site near a former loading dock. Following removal of the UST, analytical results for soil samples indicated the presence of diesel and gasoline range petroleum hydrocarbons near the western end of the tank. The UST was assigned LUST file number 26-09-0389. The LUST file indicates that the cleanup and close-out of the 500-gallon UST would occur under ECSI file number 4977. Subsequent to the removal of approximately three tons of impacted soil from the former UST location, additional soil samples indicated contamination was below detection limits.

Administrative Action:
Action ID: 9424
Region: Not reported
Complete Date: 04/15/2008
Rank Value: Not reported
Cleanup Flag: False
Created Date: 04/15/2008
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Administrative Action
Action Code Flag: False
Action: Site added to database
Further Action: Not reported
Comments: Not reported

Action ID: 9519
Region: Northwestern Region
Complete Date: 09/11/2008
Rank Value: Not reported
Cleanup Flag: False
Created Date: 04/15/2008
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: VCS Waiting List
Further Action: 0
Comments: Not reported

Action ID: 9435

BRIGHT DAY COMMERCIAL PROPERTY (Continued) **S109051819**

Region: Northwestern Region
Complete Date: 09/14/2009
Rank Value: Not reported
Cleanup Flag: False
Created Date: 09/11/2008
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Independent Cleanup Program
Further Action: 0
Comments: Not reported

Action ID: 9443
Region: Northwestern Region
Complete Date: 09/14/2009
Rank Value: Not reported
Cleanup Flag: False
Created Date: 09/14/2009
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: NO FURTHER STATE ACTION REQUIRED
Further Action: 0
Comments: Not reported

VCS:
ECS Site ID: 4977
Facility Size: 0.46 acres
Action: NO FURTHER STATE ACTION REQUIRED
Start Date: 09/14/2009
End Date: 09/14/2009
Facility Status: Completed
Program: VCP
Latitude: 45.5161
Longitude: -122.6573

M79 **REACH COMMUNITY DEVELOPMENT** **RCRA-CESQG 1004770073**
South **1135 SE SALMON ST** **FINDS ORD086612082**
1/8-1/4 **PORTLAND, OR 97214** **ECHO**
0.140 mi.
740 ft. **Site 2 of 4 in cluster M**

Relative:
Lower

Actual:
52 ft.

RCRA-CESQG:
Date form received by agency: 12/31/2003
Facility name: REACH COMMUNITY DEVELOPMENT
Facility address: 1135 SE SALMON ST
PORTLAND, OR 97214
EPA ID: ORD086612082
Mailing address: 1135 SE SALMON STREET
PORTLAND, OR 97214
Contact: NICK ILIINSKY
Contact address: 1135 SE SALMON STREET
PORTLAND, OR 97214
Contact country: US
Contact telephone: 503-231-0682

REACH COMMUNITY DEVELOPMENT (Continued) **1004770073**

Telephone ext.: 1
Contact email: Not reported
EPA Region: 10
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:
Owner/operator name: REACH COMMUNITY DEVELOPMENT INC
Owner/operator address: 1135 SE SALMON ST
PORTLAND, OR 97214
Owner/operator country: US
Owner/operator telephone: 503-231-0682
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 12/31/2003
Owner/Op end date: Not reported

Owner/operator name: REACH COMMUNITY DEVELOPMENT INC
Owner/operator address: 1135 SE SALMON ST
PORTLAND, OR 97214
Owner/operator country: US
Owner/operator telephone: 503-231-0682
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 09/11/1998
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No

REACH COMMUNITY DEVELOPMENT (Continued) **1004770073**

Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: NA
. Waste name: NA

Historical Generators:
Date form received by agency: 12/31/2002
Site name: REACH COMMUNITY DEVELOPMENT
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/04/2002
Site name: REACH COMMUNITY DEVELOPMENT
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 04/17/2001
Site name: REACH COMMUNITY DEVELOPMENT
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 04/17/2001
Site name: REACH COMMUNITY DEVELOPMENT
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 02/02/2000
Site name: REACH COMMUNITY DEVELOPMENT
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 09/11/1998
Site name: REACH COMMUNITY DEVELOPMENT
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: NONE
. Waste name: None

Violation Status: No violations found

FINDS:

Registry ID: 110004786893

Environmental Interest/Information System

OR-DEQ (Oregon - Department Of Environmental Quality) is a regulatory agency whose job is to protect the quality of Oregon's Environment. DEQ uses a combination of technical assistance, inspections and permitting to help public and private facilities and citizens understand and comply with state and federal environmental regulations.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and

REACH COMMUNITY DEVELOPMENT (Continued) **1004770073**

corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1004770073
Registry ID: 110004786893
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004786893

M80 **HEATING OIL TANK** **OR LUST** **S112225509**
South **1135 SE SALMON ST** **N/A**
1/8-1/4 **PORTLAND, OR 97214**
0.140 mi.
740 ft. **Site 3 of 4 in cluster M**

Relative: Lower
Actual: 52 ft.

LUST:
Region: North Western Region
Facility ID: 26-12-1034
Cleanup Received Date: 08/30/2012
Cleanup Start Date: Not reported
Cleanup Complete Date: 04/29/2014
Decode for Region: North West Region

R81 **DCBS OR OSHA OCCUPATIONAL HEALTH LAB** **RCRA-CESQG** **1004771190**
North **505 SE 12TH AVE** **FINDS** **ORQ000003095**
1/8-1/4 **PORTLAND, OR 97214** **ECHO**
0.143 mi. **OR MANIFEST**
756 ft. **Site 1 of 2 in cluster R**

Relative: Higher
Actual: 83 ft.

RCRA-CESQG:
Date form received by agency: 12/31/2004
Facility name: OR OSHA OCCUPATIONAL HEALTH LAB
Facility address: 505 SE 12TH AVE
PORTLAND, OR 97214
EPA ID: ORQ000003095
Contact: KERMIT MCCARTHY
Contact address: 505 SE 12TH AVE
PORTLAND, OR 97214
Contact country: US
Contact telephone: 503-731-8398
Contact email: Not reported
EPA Region: 10
Land type: State
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any

DCBS OR OSHA OCCUPATIONAL HEALTH LAB (Continued) **1004771190**

time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	OR OSHA DEPT OF CONSUMER & BUSN SVCS
Owner/operator address:	350 WINTER ST RM 430
	SALEM, OR 97310
Owner/operator country:	US
Owner/operator telephone:	503-378-3272
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	State
Owner/Operator Type:	Owner
Owner/Op start date:	05/06/1996
Owner/Op end date:	Not reported

Owner/operator name:	OREGON DCBS OR-OSHA OH LAB
Owner/operator address:	505 SE 12TH AVE
	PORTLAND, OR 97214
Owner/operator country:	US
Owner/operator telephone:	503-731-8398
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	State
Owner/Operator Type:	Operator
Owner/Op start date:	07/03/1995
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

. Waste code:	NA
. Waste name:	NA

Historical Generators:

Date form received by agency:	12/31/2003
Site name:	OR OSHA OCCUPATIONAL HEALTH LAB
Classification:	Conditionally Exempt Small Quantity Generator

DCBS OR OSHA OCCUPATIONAL HEALTH LAB (Continued) **1004771190**

Date form received by agency: 01/02/2003
Site name: OR OSHA OCCUPATIONAL HEALTH LAB
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 12/28/2001
Site name: OR OSHA OCCUPATIONAL HEALTH LAB
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/11/2001
Site name: OR OSHA OCCUPATIONAL HEALTH LAB
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/12/2000
Site name: OR OSHA OCCUPATIONAL HEALTH LAB
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 02/03/1999
Site name: OR OSHA OCCUPATIONAL HEALTH LAB
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/12/1998
Site name: OR OSHA OCCUPATIONAL HEALTH LAB
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 04/14/1997
Site name: OR OSHA OCCUPATIONAL HEALTH LAB
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 05/06/1996
Site name: OR OSHA OCCUPATIONAL HEALTH LAB
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: NONE
. Waste name: None

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 06/08/2010
Evaluation: COMPLIANCE ASSISTANCE VISIT
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110004811017

Environmental Interest/Information System

OR-DEQ (Oregon - Department Of Environmental Quality) is a regulatory agency whose job is to protect the quality of Oregon's Environment. DEQ uses a combination of technical assistance, inspections and permitting to help public and private facilities and citizens understand and comply with state and federal environmental regulations.

RCRAInfo is a national information system that supports the Resource

DCBS OR OSHA OCCUPATIONAL HEALTH LAB (Continued) **1004771190**

Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1004771190
Registry ID:	110004811017
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004811017

OR MANIFEST:

Manifest Year:	Manifest Year - 2004
EPA Id:	ORQ000003095
Inactive Status:	Not reported
Organization Name:	Not reported
Contact Name:	Kermit McCarthy
Contact Telephone Number:	(503) 731-8398
Mailing Address:	505 SE 12th Ave
Mailing City/State/Zip:	Portland, OR 97214

N82 **FASPEC BRITISH PARTS** **OR LUST U004106696**
NNW **1036 SE STARK ST** **OR UST N/A**
1/8-1/4 **PORTLAND, OR 97214**
0.147 mi.
776 ft. **Site 2 of 3 in cluster N**

Relative:
Higher

Actual:
72 ft.

LUST:

Region:	North Western Region
Facility ID:	26-06-2051
Cleanup Received Date:	11/15/2006
Cleanup Start Date:	05/29/2007
Cleanup Complete Date:	**08/26/2008**
Decode for Region:	**North West Region**

UST:

Facility ID:	12291
Facility Telephone:	(503) 225-0081
Permittee Name:	KEITH R. SWENSEN
Number of Permitted Tanks:	Not reported
Active Tanks:	Not reported
Decommissioned Tanks:	2
Number of Tanks:	2

M83
South
1/8-1/4
0.150 mi.
791 ft.

PRECISION ELECTRO COAT INC
1124 SE 11TH AVENUE
PORTLAND, OR 97214
Site 4 of 4 in cluster M

RCRA-CESQG
FINDS
ECHO
OR MANIFEST

1000874229
ORD987201373

Relative:
Lower

Actual:
45 ft.

RCRA-CESQG:

Date form received by agency:	12/31/2005
Facility name:	PRECISION ELECTRO COAT INC
Facility address:	1124 SE 11TH AVENUE PORTLAND, OR 97214
EPA ID:	ORD987201373
Mailing address:	PO BOX 42364 PORTLAND, OR 97242
Contact:	GENE G BOEHM
Contact address:	PO BOX 42364 PORTLAND, OR 97242
Contact country:	US
Contact telephone:	503-234-6995
Contact email:	Not reported
EPA Region:	10
Land type:	Private
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	PRECISION ELECTRO COAT INC
Owner/operator address:	PO BOX 42364 PORTLAND, OR 97242
Owner/operator country:	US
Owner/operator telephone:	503-234-6995
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	07/12/1991
Owner/Op end date:	Not reported

Owner/operator name:	PRECISION ELECTRO COAT INC
Owner/operator address:	PO BOX 42364 PORTLAND, OR 97242
Owner/operator country:	US
Owner/operator telephone:	503-234-6995
Owner/operator email:	Not reported
Owner/operator fax:	Not reported

PRECISION ELECTRO COAT INC (Continued) **1000874229**

Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 07/23/1991
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: NA
. Waste name: NA

Historical Generators:
Date form received by agency: 12/31/2004
Site name: PRECISION ELECTRO COAT INC
Classification: Small Quantity Generator

Date form received by agency: 08/03/2004
Site name: PRECISION ELECTRO COAT INC
Classification: Small Quantity Generator

Date form received by agency: 12/31/2003
Site name: PRECISION ELECTRO COAT INC
Classification: Small Quantity Generator

Date form received by agency: 02/18/2003
Site name: PRECISION ELECTRO COAT INC
Classification: Small Quantity Generator

Date form received by agency: 02/21/2002
Site name: PRECISION ELECTRO COAT INC
Classification: Small Quantity Generator

Date form received by agency: 03/06/2001
Site name: PRECISION ELECTRO COAT INC
Classification: Small Quantity Generator

Date form received by agency: 03/07/2000
Site name: PRECISION ELECTRO COAT INC
Classification: Small Quantity Generator

Date form received by agency: 03/22/1999

PRECISION ELECTRO COAT INC (Continued) **1000874229**

Site name: PRECISION ELECTRO COAT INC
Classification: Small Quantity Generator

Date form received by agency: 02/23/1998
Site name: PRECISION ELECTRO COAT INC
Classification: Small Quantity Generator

Date form received by agency: 02/25/1997
Site name: PRECISION ELECTRO COAT INC
Classification: Small Quantity Generator

Date form received by agency: 02/29/1996
Site name: PRECISION ELECTRO COAT INC
Classification: Small Quantity Generator

Date form received by agency: 02/28/1995
Site name: PRECISION ELECTRO COAT INC
Classification: Small Quantity Generator

Date form received by agency: 02/17/1994
Site name: PRECISION ELECTRO COAT INC
Classification: Small Quantity Generator

Date form received by agency: 04/29/1993
Site name: PRECISION ELECTRO COAT INC
Classification: Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D018
. Waste name: BENZENE

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF

PRECISION ELECTRO COAT INC (Continued) **1000874229**

THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Facility Has Received Notices of Violations:
- Regulation violated: Not reported
- Area of violation: TSD - Container Use and Management
- Date violation determined: 08/20/1993
- Date achieved compliance: 10/27/1993
- Violation lead agency: State
  - Enforcement action: NOTICE OF NONCOMPLIANCE
  - Enforcement action date: 08/27/1993
  - Enf. disposition status: Not reported
  - Enf. disp. status date: Not reported
  - Enforcement lead agency: State
  - Proposed penalty amount: Not reported
  - Final penalty amount: Not reported
  - Paid penalty amount: Not reported

- Regulation violated: Not reported
- Area of violation: Generators - General
- Date violation determined: 08/20/1993
- Date achieved compliance: 09/10/1993
- Violation lead agency: State
  - Enforcement action: NOTICE OF NONCOMPLIANCE
  - Enforcement action date: 08/27/1993
  - Enf. disposition status: Not reported
  - Enf. disp. status date: Not reported
  - Enforcement lead agency: State
  - Proposed penalty amount: Not reported
  - Final penalty amount: Not reported
  - Paid penalty amount: Not reported

- Regulation violated: Not reported
- Area of violation: Generators - General
- Date violation determined: 08/20/1993
- Date achieved compliance: 10/27/1993
- Violation lead agency: State
  - Enforcement action: NOTICE OF NONCOMPLIANCE
  - Enforcement action date: 08/27/1993
  - Enf. disposition status: Not reported
  - Enf. disp. status date: Not reported
  - Enforcement lead agency: State
  - Proposed penalty amount: Not reported
  - Final penalty amount: Not reported
  - Paid penalty amount: Not reported

Evaluation Action Summary:
- Evaluation date: 04/04/2006
- Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
- Area of violation: Not reported
- Date achieved compliance: Not reported
- Evaluation lead agency: State

- Evaluation date: 01/18/1998
- Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
- Area of violation: Not reported
- Date achieved compliance: Not reported

PRECISION ELECTRO COAT INC (Continued) **1000874229**

Evaluation lead agency: State

Evaluation date: 08/20/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Container Use and Management
Date achieved compliance: 10/27/1993
Evaluation lead agency: State

Evaluation date: 08/20/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 10/27/1993
Evaluation lead agency: State

Evaluation date: 08/20/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 09/10/1993
Evaluation lead agency: State

FINDS:

Registry ID: 110070347190

Environmental Interest/Information System
OSHA ESTABLISHMENT

Registry ID: 110004807656

Environmental Interest/Information System
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Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000874229
Registry ID: 110004807656
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004807656

OR MANIFEST:
Manifest Year: Manifest Year - 2004
EPA Id: ORD987201373
Inactive Status: Not reported

PRECISION ELECTRO COAT INC (Continued) **1000874229**

Organization Name: Not reported
Contact Name: Gene Boehm
Contact Telephone Number: (503) 234-6995
Mailing Address: PO Box 42364
Mailing City/State/Zip: Portland, OR 97242

Manifest:
Year : 2004
RCRA Id : ORD987201373
Inactive : Not reported
Status: Small quantity generator
Manifest : 80982
Ship Date : 11/04/2004
TSD : CAD009452657
WS Num: Not reported
Transporter: CAD009452657
Ship Qty : 220
Rpt Unit : GAL
Off Mng : H061
EPA Waste Codes: D001 D018 D035 F002 F003 F005
Waste Description: Not reported
Total Amt Of Waste Stream Generated in Reporting Yr 1: Not reported
Total Amt Of Waste Stream Generated in Reporting Yr 2: Not reported

Year : 2004
RCRA Id : ORD987201373
Inactive : Not reported
Status: Small quantity generator
Manifest : 14913
Ship Date : 05/14/2004
TSD : WAD981769110
WS Num: Not reported
Transporter: WAD058364647
Ship Qty : 110
Rpt Unit : GAL
Off Mng : H061
EPA Waste Codes: D001 D018 D035 F002 F003 F005
Waste Description: Not reported
Total Amt Of Waste Stream Generated in Reporting Yr 1: Not reported
Total Amt Of Waste Stream Generated in Reporting Yr 2: Not reported

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S84 **THOEN TRUCK RENTALS** **OR LUST U003999160**
NW **526 SE 9TH** **OR UST N/A**
1/8-1/4 **PORTLAND, OR 97214**
0.152 mi.
802 ft. **Site 1 of 2 in cluster S**

Relative: LUST:
Lower
Region: North Western Region
Actual: Facility ID: 26-90-0257
60 ft. Cleanup Received Date: 07/20/1990
Cleanup Start Date: 08/02/1990
Cleanup Complete Date: 08/08/1990
Decode for Region: North West Region

THOEN TRUCK RENTALS (Continued) **U003999160**

UST:
- Facility ID: 10512
- Facility Telephone: (503) 239-4363
- Permittee Name: THOMAS NORVELL
- Number of Permitted Tanks: Not reported
- Active Tanks: Not reported
- Decommissioned Tanks: 3
- Number of Tanks: 3

O85 **OREGON BRASS WORKS** **OR CRL** **1000236245**
SSW **1127 SE 10TH AVE** **OR ECSI** **ORD009025644**
1/8-1/4 **PORTLAND, OR 97214** **OR LUST**
0.152 mi. **OR UST**
804 ft. **Site 2 of 3 in cluster O** **OR ENG CONTROLS**
OR INST CONTROL
Relative: **OR VCP**
Lower **RCRA NonGen / NLR**
FINDS
Actual: **ECHO**
39 ft.

CRL:
- Facility ID: 2550
- Location ID: 1221
- Status Code: LIS
- Facility Status: No Further Action (Conditional)
- Lat/Long: 45.5147 / -122.6558

ECSI:
- State ID Number: 2550
- Brown ID: 0
- Study Area: False
- Region ID: 2
- Legislatve ID: 831
- Investigation: Listed on the CRL/Inventory
- FACA ID: 1221
- Further Action: 0
- Lat/Long (dms): 45 30 53.00 / -122 39 21.00
- County Code: 26.00
- Score Value: Not reported
- Cerclis ID: Not reported
- Township Coord.: 1.00
- Township Zone: S
- Range Coord: 1.00
- Range Zone: E
- Section Coord: 2
- Qtr Section: BD
- Tax Lots: 2700
- Size: 0.92 acre
- NPL: False
- Orphan: False
- Updated By: GWISTAR
- Update Date: 05/14/2013
- Created Date: 04/03/2000
- Decode For RegionID: Northwest Region
- Decode For BrownID: Not reported
- Decode For Furtheract: Not reported
- Decode For Investstat: Listed on the CRL/Inventory

OREGON BRASS WORKS (Continued) **1000236245**

Decode For Legislative: Owner, operator or other party under agreement, order or consent decree under ORS 465.200 or 465.420
Alias Name: Colonial Guild
Alias Name: Puget Sound Casket Co.

Hazardous Release:
Substance ID.: 121664
Haz Release ID: 382577
Qty Released: unknown
Date Released: unknown
Update Date: 03/04/2000
Update By: Not reported
Substance Code: 7440-38-2
Substance Name: ARSENIC
Substance Abbrev.: Not reported
Substance Category ID: 8439
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8439
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 319286
Sub Alias Name: AS
Sampling Result ID: 339435
Feature Id: Not reported
Hazard Release Id: 382577
Medium: 703
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: Not reported
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: 38.7 mg/kg
Last Update By: jmw
Update Date: 04/03/2000
Decode for MediumID: Soil

Substance ID.: 121639
Haz Release ID: 382578
Qty Released: unknown
Date Released: unknown
Update Date: 03/04/2000
Update By: Not reported
Substance Code: 7439-92-1
Substance Name: LEAD
Substance Abbrev.: Not reported
Substance Category ID: 8466
Substance Category: Inorganics
Category Level: Not reported

OREGON BRASS WORKS (Continued) **1000236245**

Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8466
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 319256
Sub Alias Name: PB
Sampling Result ID: 339436
Feature Id: Not reported
Hazard Release Id: 382578
Medium: 703
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: Not reported
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: 1850 mg/kg
Last Update By: jmw
Update Date: 04/03/2000
Decode for MediumID: Soil

Substance ID.: 122012
Haz Release ID: 382579
Qty Released: unknown
Date Released: unknown
Update Date: 03/04/2000
Update By: Not reported
Substance Code: ECD275
Substance Name: TOTAL PETROLEUM HYDROCARBONS (TPH)
Substance Abbrev.: Not reported
Substance Category ID: 8540
Substance Category: Petroleum Related Releases for OSPIRG Report
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8540
Substance Category: Petroleum Related Releases for OSPIRG Report
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Sampling Result ID: 339437
Feature Id: Not reported
Hazard Release Id: 382579
Medium: 703
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported

OREGON BRASS WORKS (Continued) **1000236245**

Start Date: Not reported
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: 44000 mg/kg
Last Update By: jmw
Update Date: 04/03/2000
Decode for MediumID: Soil

Substance ID.: 121374
Haz Release ID: 382581
Qty Released: unknown
Date Released: unknown
Update Date: 03/04/2000
Update By: Not reported
Substance Code: 50-32-8
Substance Name: BENZO(a)PYRENE
Substance Abbrev.: Not reported
Substance Category ID: 8476
Substance Category: Semi-volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8476
Substance Category: Semi-volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 318559
Sub Alias Name: B(a)P
Substance Alias ID: 318560
Sub Alias Name: BENZOPYRENE,3,4-
Substance Alias ID: 318561
Sub Alias Name: BENZPYRENE,3,4-
Substance Alias ID: 318562
Sub Alias Name: BP
Sampling Result ID: 339438
Feature Id: Not reported
Hazard Release Id: 382581
Medium: 703
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: Not reported
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: 1.57 mg/kg
Last Update By: jmw
Update Date: 04/03/2000
Decode for MediumID: Soil

Narrative:
NARR ID: 5739503
NARR Code: Contamination

OREGON BRASS WORKS (Continued) **1000236245**

Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Contamination
NARR Comments: (4/3/00 RGS/VCP) Several areas with soil containing hazardous substances have been identified on-site, including: 1) abandoned USTs and associated piping; 2) interior building surfaces; 3) metal slag fill; 4) chemical storage areas; 5) plating area; 6) drum-storage area; 7) foundry area; 8) maintenance shop; 9) paint room; and 10) furnace room. Low levels of metals and PAHs were detected in site groundwater. Former USTs have been abandoned in place.

NARR ID: 5739504
NARR Code: Data Sources
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Data Sources
NARR Comments: 1) ICP Application; 2) Preliminary Data Package, March 2000; 3) <quot>Summary of Site Investigation - Oregon Brass Works, Portland, Oregon,<quot> Bridgewater Group, Inc., 4/26/00; 4)Risk Assessment and Feasibility Study, Bridgewater Group, 1/26/01; 5) DEQ Record of Decision, 4/30/01; 6) Easement and Equitable Servitude.

NARR ID: 5739505
NARR Code: Hazardous Substance/Waste Types
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Hazardous Substance/Waste Types
NARR Comments: Metals, VOCs, PAHs, hydrocarbons

NARR ID: 5739506
NARR Code: Manner of Release
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Manner of Release
NARR Comments: Petroleum and PAH contamination in soil and groundwater associated with abandoned USTs. Site appears to have limited metals contamination in soil.

NARR ID: 5739507
NARR Code: Media Contamination
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Media Contamination
NARR Comments: Soil, interior building surfaces, and groundwater has been impacted by former site operations.

NARR ID: 5739508

OREGON BRASS WORKS (Continued) **1000236245**

NARR Code: Remedial Action
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Remedial Action
NARR Comments: (5/3/00 RGS/VCP) The current and past owners are working cooperatively to address outstanding site issues through the ICP. Site characterization report was submitted for DEQ review in April 2000. (2/6/01 RGS/VCP) Focused Risk Assessment and Feasibility Study were submitted to DEQ in January 2001. DEQ prepared staff report recommending the proposed remedy for the facility. The public comment period on the proposed remedy was open February 1 - March 9, 2001. Proposed remedy includes capping and institutional controls, including deed restrictions. (4/2/01 RGS/VCP) No comments received on proposed remedy. Record of Decision (ROD) being prepared. (11/25/01 RGS/VCP) The ROD was signed April 30, 2001. Deed restrictions recorded under an <quot>Easement and Equitable Servitude<quot> (EES). The EES prohibits groundwater use at the site; prohibits residential use of the property; requires maintenance of the cap, hazard communications, soil management, and DEQ approval of future site redevelopment or building demolition. The EES was signed by DEQ and the current owner, Puget Sound Casket Company, on November 7, 2001. Recording of the EES is imminent.

Site Control:
Site Control #: 275
Control Number: 4
Begin Date: 04/30/2001
End Date: Not reported
Frequency Of Review: 0
Last Reviewed By: Rod Struck
Last Reviewed Date: 04/30/2001
Last Update By: GWISTAR
Last Updated Date: 09/16/2003
Site Comment: Easement and Equitable Servitude prohibits groundwater use.

Site Control #: 276
Control Number: 5
Begin Date: 04/30/2001
End Date: Not reported
Frequency Of Review: 0
Last Reviewed By: Rod Struck
Last Reviewed Date: 04/30/2001
Last Update By: GWISTAR
Last Updated Date: 09/16/2003
Site Comment: Easement and Equitable Servitude prohibits residential property use.

Site Control #: 277
Control Number: 35
Begin Date: 04/30/2001
End Date: Not reported
Frequency Of Review: 12
Last Reviewed By: Rod Struck
Last Reviewed Date: 04/30/2001
Last Update By: GWISTAR
Last Updated Date: 09/16/2003
Site Comment: Existing building, concrete, pavement serves as cap. Annual inspection

OREGON BRASS WORKS (Continued) **1000236245**

report required.

Administrative Action:
Action ID: 9422
Region: Northwestern Region
Complete Date: Not reported
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Engineering Control
Further Action: Not reported
Comments: Not reported

Action ID: 9428
Region: Northwestern Region
Complete Date: 07/12/2001
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Listing Action
Action Code Flag: False
Action: Extension requested by owner/operator
Further Action: Not reported
Comments: Not reported

Action ID: 9430
Region: Northwestern Region
Complete Date: 08/16/2001
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Listing Action
Action Code Flag: False
Action: Petition or request granted
Further Action: Not reported
Comments: Not reported

Action ID: 9451
Region: Northwestern Region
Complete Date: 09/07/2001
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Listing Action
Action Code Flag: False
Action: Owner/operator comments received on listing notification
Further Action: Not reported
Comments: Not reported

OREGON BRASS WORKS (Continued) **1000236245**

Action ID: 9434
Region: Northwestern Region
Complete Date: Not reported
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Institutional Control
Further Action: Not reported
Comments: Not reported

Action ID: 9438
Region: Northwestern Region
Complete Date: 12/21/2001
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Listing Action
Action Code Flag: False
Action: Facility placed on Confirmed Release List
Further Action: Not reported
Comments: Not reported

Action ID: 9439
Region: Northwestern Region
Complete Date: 12/21/2001
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Listing Action
Action Code Flag: False
Action: Facility placed on Inventory
Further Action: Not reported
Comments: Not reported

Action ID: 9459
Region: Northwestern Region
Complete Date: 02/01/2001
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: PRELIMINARY ASSESSMENT EQUIVALENT
Further Action: Not reported
Comments: Not reported

Action ID: 9494

OREGON BRASS WORKS (Continued) **1000236245**

Region: Northwestern Region
Complete Date: 04/30/2001
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: RECORD OF DECISION
Further Action: Not reported
Comments: Not reported

Action ID: 9498
Region: Northwestern Region
Complete Date: 02/01/2001
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Listing Action
Action Code Flag: False
Action: Proposal for Confirmed Release List recommended
Further Action: Not reported
Comments: Not reported

Action ID: 9499
Region: Northwestern Region
Complete Date: 02/01/2001
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Listing Action
Action Code Flag: False
Action: Proposal for Inventory recommended
Further Action: Not reported
Comments: Not reported

Action ID: 9465
Region: Northwestern Region
Complete Date: 05/31/2001
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Listing Action
Action Code Flag: False
Action: Facility proposed for Confirmed Release List
Further Action: Not reported
Comments: Not reported

Action ID: 9467
Region: Northwestern Region

OREGON BRASS WORKS (Continued) **1000236245**

Complete Date: 05/31/2001
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Listing Action
Action Code Flag: False
Action: Facility proposed for Inventory
Further Action: Not reported
Comments: Not reported

Action ID: 9511
Region: Northwestern Region
Complete Date: 02/01/2001
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: SITE INVESTIGATION
Further Action: Not reported
Comments: Not reported

Action ID: 9486
Region: Northwestern Region
Complete Date: 02/01/2001
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: RISK ASSESSMENT
Further Action: Not reported
Comments: Not reported

Action ID: 9429
Region: Northwestern Region
Complete Date: 02/01/2001
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: FEASIBILITY STUDY
Further Action: Not reported
Comments: Not reported

Action ID: 9424
Region: Not reported
Complete Date: 04/03/2000

OREGON BRASS WORKS (Continued) **1000236245**

Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Administrative Action
Action Code Flag: False
Action: Site added to database
Further Action: Not reported
Comments: Not reported

Action ID: 9435
Region: Northwestern Region
Complete Date: 12/07/2001
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Independent Cleanup Program
Further Action: 0
Comments: Not reported

Action ID: 9411
Region: Northwestern Region
Complete Date: 12/07/2001
Rank Value: Not reported
Cleanup Flag: False
Created Date: 01/05/2004
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: No Further Action (Conditional)
Further Action: 0
Comments: Not reported

Operations:
Operation Id: 133759
Operation Status: Inactive
Common Name: Oregon Brass Works
Yrs of Operation: 1930-1998
Comments: Merged into Sheidow Bronze Corporation in October 1999.
Updated Date: 04/03/2000
Updated By: jmw
Decode for OpstatID: Inactive
Operations SIC Id: 197007
SIC Code: 3369
Created By: Not reported
Created Date: 12/17/2002
Operations SIC Id: 197008
SIC Code: 3300
Created By: Not reported
Created Date: 12/17/2002

OREGON BRASS WORKS (Continued) **1000236245**

LUST:
Region: North Western Region
Facility ID: 26-90-0038
Cleanup Received Date: 01/29/1990
Cleanup Start Date: 01/26/1990
Cleanup Complete Date: 11/19/1990
Decode for Region: North West Region

UST:
Facility ID: 10179
Facility Telephone: (503) 232-7121
Permittee Name: JEFF DAVIS, ENVIRONMENTAL COORDINATOR
Number of Permitted Tanks: Not reported
Active Tanks: Not reported
Decommissioned Tanks: 4
Number of Tanks: 4

Enginering Control:
Site Control Sequence #: 277
Site Id: 2550
Control Sequence #: 35
Begin Date: 04/30/2001
End Date: Not reported
Frequency Of Review: 12
Last Reviewed By: Rod Struck
Last Review Date: 04/30/2001
Last Updated By: GWISTAR
Last Updated Date: 09/16/2003
Group Sequence #: 9
Control Code: BD
Control Description: Building(s)
FK Type Code: 2
Group Code: SB
Group Description: Surface Barriers
Type Code: E
Type Description: Engineering
Comments: Existing building, concrete, pavement serves as cap. Annual inspection report required.

Institutional Control:
Site Control Sequence #: 275
Site Id: 2550
Control Sequence #: 4
Begin Date: 04/30/2001
End Date: Not reported
Frequency Of Review: 0
Last Reviewed By: Rod Struck
Last Review Date: 04/30/2001
Last Updated By: GWISTAR
Last Updated Date: 09/16/2003
Group Sequence #: 2
Control Code: USG
Control Description: Use Restriction Groundwater
FK Type Code: 1
Group Code: PR

OREGON BRASS WORKS (Continued) **1000236245**

Group Description: Proprietary
Type Code: I
Type Description: Institutional
Comments: Easement and Equitable Servitude prohibits groundwater use.

Site Control Sequence #: 276
Site Id: 2550
Control Sequence #: 5
Begin Date: 04/30/2001
End Date: Not reported
Frequency Of Review: 0
Last Reviewed By: Rod Struck
Last Review Date: 04/30/2001
Last Updated By: GWISTAR
Last Updated Date: 09/16/2003
Group Sequence #: 2
Control Code: USL
Control Description: Use Restriction Land
FK Type Code: 1
Group Code: PR
Group Description: Proprietary
Type Code: I
Type Description: Institutional
Comments: Easement and Equitable Servitude prohibits residential property use.

VCS:
ECS Site ID: 2550
Facility Size: 0.92 acre
Action: No Further Action (Conditional)
Start Date: 12/07/2001
End Date: 12/07/2001
Facility Status: Completed
Program: ICP
Latitude: 45.5147
Longitude: -122.6558

RCRA NonGen / NLR:
Date form received by agency: 01/23/2002
Facility name: OREGON BRASS WORKS
Facility address: 1127 SE 10TH AVE
PORTLAND, OR 97214
EPA ID: ORD009025644
Mailing address: PO BOX 547
KINGWOOD, WV 26537
Contact: JOSEPH E GIVENS
Contact address: PO BOX 547
KINGWOOD, WV 26537
Contact country: US
Contact telephone: 304-329-1105
Contact email: Not reported
EPA Region: 10
Land type: Private
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

OREGON BRASS WORKS (Continued) **1000236245**

Owner/Operator Summary:
- Owner/operator name: YORK BRONZE CO
- Owner/operator address: 125 SISLER ST
  KINGWOOD, WV 26537
- Owner/operator country: US
- Owner/operator telephone: 304-329-1105
- Owner/operator email: Not reported
- Owner/operator fax: Not reported
- Owner/operator extension: Not reported
- Legal status: Private
- Owner/Operator Type: Owner
- Owner/Op start date: 01/23/2002
- Owner/Op end date: Not reported

Handler Activities Summary:
- U.S. importer of hazardous waste: No
- Mixed waste (haz. and radioactive): No
- Recycler of hazardous waste: No
- Transporter of hazardous waste: No
- Treater, storer or disposer of HW: No
- Underground injection activity: No
- On-site burner exemption: No
- Furnace exemption: No
- Used oil fuel burner: No
- Used oil processor: No
- User oil refiner: No
- Used oil fuel marketer to burner: No
- Used oil Specification marketer: No
- Used oil transfer facility: No
- Used oil transporter: No

Historical Generators:
- Date form received by agency: 01/22/2002
  Site name: OREGON BRASS WORKS
  Classification: Not a generator, verified

- Date form received by agency: 10/23/2001
  Site name: OREGON BRASS WORKS
  Classification: Not a generator, verified

- Date form received by agency: 03/05/2001
  Site name: OREGON BRASS WORKS
  Classification: Not a generator, verified

- Date form received by agency: 03/05/2001
  Site name: OREGON BRASS WORKS
  Classification: Not a generator, verified

- Date form received by agency: 03/22/1999
  Site name: OREGON BRASS WORKS
  Classification: Not a generator, verified

- Date form received by agency: 03/05/1998
  Site name: OREGON BRASS WORKS
  Classification: Not a generator, verified

OREGON BRASS WORKS (Continued) **1000236245**

Date form received by agency: 03/01/1998
Site name: OREGON BRASS WORKS
Classification: Large Quantity Generator

Date form received by agency: 02/27/1997
Site name: OREGON BRASS WORKS
Classification: Not a generator, verified

Date form received by agency: 03/01/1996
Site name: OREGON BRASS WORKS
Classification: Large Quantity Generator

Date form received by agency: 02/28/1996
Site name: OREGON BRASS WORKS
Classification: Not a generator, verified

Date form received by agency: 03/01/1995
Site name: OREGON BRASS WORKS
Classification: Not a generator, verified

Date form received by agency: 03/01/1994
Site name: OREGON BRASS WORKS
Classification: Large Quantity Generator

Date form received by agency: 02/28/1994
Site name: OREGON BRASS WORKS
Classification: Not a generator, verified

Date form received by agency: 02/16/1993
Site name: OREGON BRASS WORKS
Classification: Not a generator, verified

Date form received by agency: 03/01/1992
Site name: OREGON BRASS WORKS
Classification: Large Quantity Generator

Date form received by agency: 02/26/1992
Site name: OREGON BRASS WORKS
Classification: Not a generator, verified

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

OREGON BRASS WORKS (Continued) **1000236245**

. Waste code: D003
. Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D008
. Waste name: LEAD

Date form received by agency: 03/10/1990
Site name: OREGON BRASS WORKS
Classification: Large Quantity Generator

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: TSD - Preparedness and Prevention
Date violation determined: 03/18/1998
Date achieved compliance: 07/13/1998
Violation lead agency: State
Enforcement action: INITIAL 3008(A) CP/CO ORDER
Enforcement action date: 06/02/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 2776
Final penalty amount: 2776
Paid penalty amount: 2776

Regulation violated: Not reported
Area of violation: TSD - Preparedness and Prevention
Date violation determined: 03/18/1998
Date achieved compliance: 07/13/1998
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 03/25/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Container Use and Management
Date violation determined: 03/18/1998
Date achieved compliance: 07/13/1998
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 03/25/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported

OREGON BRASS WORKS (Continued) **1000236245**

Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Container Use and Management
Date violation determined: 03/18/1998
Date achieved compliance: 07/13/1998
Violation lead agency: State
Enforcement action: INITIAL 3008(A) CP/CO ORDER
Enforcement action date: 06/02/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 2776
Final penalty amount: 2776
Paid penalty amount: 2776

Regulation violated: Not reported
Area of violation: Generators - Records/Reporting
Date violation determined: 03/18/1998
Date achieved compliance: 07/13/1998
Violation lead agency: State
Enforcement action: INITIAL 3008(A) CP/CO ORDER
Enforcement action date: 06/02/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 2776
Final penalty amount: 2776
Paid penalty amount: 2776

Regulation violated: Not reported
Area of violation: Generators - Records/Reporting
Date violation determined: 03/18/1998
Date achieved compliance: 07/13/1998
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 03/25/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 02/01/1995
Date achieved compliance: 05/11/1995
Violation lead agency: State
Enforcement action: INITIAL 3008(A) CP/CO ORDER
Enforcement action date: 04/27/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 1000

OREGON BRASS WORKS (Continued) **1000236245**

Paid penalty amount: 1000

Regulation violated: Not reported
Area of violation: TSD - Container Use and Management
Date violation determined: 02/01/1995
Date achieved compliance: 05/11/1995
Violation lead agency: State
Enforcement action: INITIAL 3008(A) CP/CO ORDER
Enforcement action date: 03/27/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 1000
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 02/01/1995
Date achieved compliance: 05/05/1995
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 03/14/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Records/Reporting
Date violation determined: 02/01/1995
Date achieved compliance: 05/11/1995
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 03/14/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Tank System Standards
Date violation determined: 02/01/1995
Date achieved compliance: 05/11/1995
Violation lead agency: State
Enforcement action: INITIAL 3008(A) CP/CO ORDER
Enforcement action date: 04/27/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 1000
Paid penalty amount: 1000

OREGON BRASS WORKS (Continued) **1000236245**

Regulation violated: Not reported
Area of violation: TSD - Container Use and Management
Date violation determined: 02/01/1995
Date achieved compliance: 05/11/1995
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 03/14/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Manifest
Date violation determined: 02/01/1995
Date achieved compliance: 05/11/1995
Violation lead agency: State
Enforcement action: INITIAL 3008(A) CP/CO ORDER
Enforcement action date: 04/27/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 1000
Paid penalty amount: 1000

Regulation violated: Not reported
Area of violation: TSD - Container Use and Management
Date violation determined: 02/01/1995
Date achieved compliance: 05/11/1995
Violation lead agency: State
Enforcement action: INITIAL 3008(A) CP/CO ORDER
Enforcement action date: 04/27/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 1000
Paid penalty amount: 1000

Regulation violated: Not reported
Area of violation: TSD - Preparedness and Prevention
Date violation determined: 02/01/1995
Date achieved compliance: 05/11/1995
Violation lead agency: State
Enforcement action: INITIAL 3008(A) CP/CO ORDER
Enforcement action date: 04/27/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 1000
Paid penalty amount: 1000

Regulation violated: Not reported

OREGON BRASS WORKS (Continued) **1000236245**

Area of violation: Generators - Records/Reporting
Date violation determined: 02/01/1995
Date achieved compliance: 05/11/1995
Violation lead agency: State
Enforcement action: INITIAL 3008(A) CP/CO ORDER
Enforcement action date: 04/27/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 1000
Paid penalty amount: 1000

Regulation violated: Not reported
Area of violation: TSD - Preparedness and Prevention
Date violation determined: 02/01/1995
Date achieved compliance: 05/11/1995
Violation lead agency: State
Enforcement action: INITIAL 3008(A) CP/CO ORDER
Enforcement action date: 03/27/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 1000
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Tank System Standards
Date violation determined: 02/01/1995
Date achieved compliance: 05/11/1995
Violation lead agency: State
Enforcement action: INITIAL 3008(A) CP/CO ORDER
Enforcement action date: 03/27/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 1000
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Preparedness and Prevention
Date violation determined: 02/01/1995
Date achieved compliance: 05/11/1995
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 03/14/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General

OREGON BRASS WORKS (Continued) **1000236245**

Date violation determined: 02/01/1995
Date achieved compliance: 05/11/1995
Violation lead agency: State
Enforcement action: INITIAL 3008(A) CP/CO ORDER
Enforcement action date: 03/27/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 1000
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Manifest
Date violation determined: 02/01/1995
Date achieved compliance: 05/11/1995
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 03/14/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 02/01/1995
Date achieved compliance: 05/05/1995
Violation lead agency: State
Enforcement action: INITIAL 3008(A) CP/CO ORDER
Enforcement action date: 03/27/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 1000
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Tank System Standards
Date violation determined: 02/01/1995
Date achieved compliance: 05/11/1995
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 03/14/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 02/01/1995

OREGON BRASS WORKS (Continued) **1000236245**

Date achieved compliance: 05/11/1995
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 03/14/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Records/Reporting
Date violation determined: 02/01/1995
Date achieved compliance: 05/11/1995
Violation lead agency: State
Enforcement action: INITIAL 3008(A) CP/CO ORDER
Enforcement action date: 03/27/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 1000
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 02/01/1995
Date achieved compliance: 05/11/1995
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 03/14/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 02/01/1995
Date achieved compliance: 05/11/1995
Violation lead agency: State
Enforcement action: INITIAL 3008(A) CP/CO ORDER
Enforcement action date: 03/27/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 1000
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 02/01/1995
Date achieved compliance: 05/11/1995

OREGON BRASS WORKS (Continued) **1000236245**

Violation lead agency: State
Enforcement action: INITIAL 3008(A) CP/CO ORDER
Enforcement action date: 04/27/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 1000
Paid penalty amount: 1000

Regulation violated: Not reported
Area of violation: Generators - Manifest
Date violation determined: 02/01/1995
Date achieved compliance: 05/11/1995
Violation lead agency: State
Enforcement action: INITIAL 3008(A) CP/CO ORDER
Enforcement action date: 03/27/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 1000
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 02/01/1995
Date achieved compliance: 05/05/1995
Violation lead agency: State
Enforcement action: INITIAL 3008(A) CP/CO ORDER
Enforcement action date: 04/27/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 1000
Paid penalty amount: 1000

Regulation violated: Not reported
Area of violation: Generators - Manifest
Date violation determined: 02/02/1988
Date achieved compliance: 07/12/1988
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/06/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 02/02/1988
Date achieved compliance: 07/12/1988
Violation lead agency: State

OREGON BRASS WORKS (Continued) **1000236245**

Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/06/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 11/05/1987
Date achieved compliance: 07/12/1988
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/09/1987
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 03/18/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Preparedness and Prevention
Date achieved compliance: 07/13/1998
Evaluation lead agency: State

Evaluation date: 03/18/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Records/Reporting
Date achieved compliance: 07/13/1998
Evaluation lead agency: State

Evaluation date: 03/18/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Container Use and Management
Date achieved compliance: 07/13/1998
Evaluation lead agency: State

Evaluation date: 02/01/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Preparedness and Prevention
Date achieved compliance: 05/11/1995
Evaluation lead agency: State

Evaluation date: 02/01/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Container Use and Management
Date achieved compliance: 05/11/1995
Evaluation lead agency: State

Evaluation date: 02/01/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General

OREGON BRASS WORKS (Continued) **1000236245**

Date achieved compliance: 05/11/1995
Evaluation lead agency: State

Evaluation date: 02/01/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 05/11/1995
Evaluation lead agency: State

Evaluation date: 02/01/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Tank System Standards
Date achieved compliance: 05/11/1995
Evaluation lead agency: State

Evaluation date: 02/01/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 05/05/1995
Evaluation lead agency: State

Evaluation date: 02/01/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Manifest
Date achieved compliance: 05/11/1995
Evaluation lead agency: State

Evaluation date: 02/01/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Records/Reporting
Date achieved compliance: 05/11/1995
Evaluation lead agency: State

Evaluation date: 02/02/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Manifest
Date achieved compliance: 07/12/1988
Evaluation lead agency: State

Evaluation date: 02/02/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 07/12/1988
Evaluation lead agency: State

Evaluation date: 11/05/1987
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Generators - General
Date achieved compliance: 07/12/1988
Evaluation lead agency: State

FINDS:

Registry ID: 110000487508

Environmental Interest/Information System
OR-DEQ (Oregon - Department Of Environmental Quality) is a regulatory agency whose job is to protect the quality of Oregon's Environment.

OREGON BRASS WORKS (Continued) **1000236245**

DEQ uses a combination of technical assistance, inspections and permitting to help public and private facilities and citizens understand and comply with state and federal environmental regulations.

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000236245
Registry ID: 110000487508
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110000487508

P86 **HEATING OIL TANK** **OR LUST** **S106856961**
SE **1415 SE TAYLOR ST** **N/A**
1/8-1/4 **PORTLAND, OR 97214**
0.154 mi.
812 ft. **Site 2 of 4 in cluster P**

Relative: Higher
Actual: 76 ft.

LUST:
Region: North Western Region
Facility ID: 26-05-0593
Cleanup Received Date: 03/30/2005
Cleanup Start Date: 03/31/2005
Cleanup Complete Date: 06/08/2005
Decode for Region: North West Region

T87 **CHILD SERVICE CENTER** **OR LUST** **U000432675**
NE **531 SE 14TH AVE** **OR UST** **N/A**
1/8-1/4 **PORTLAND, OR 97214**
0.154 mi.
815 ft. **Site 1 of 2 in cluster T**

Relative: Higher
Actual: 95 ft.

LUST:
Region: North Western Region
Facility ID: 26-91-0285
Cleanup Received Date: 08/01/1991
Cleanup Start Date: 07/31/1991
Cleanup Complete Date: 11/01/2000
Decode for Region: North West Region

UST:

CHILD SERVICE CENTER (Continued) **U000432675**

Facility ID:	10378
Facility Telephone:	(503) 249-2000
Permittee Name:	Not reported
Number of Permitted Tanks:	Not reported
Active Tanks:	Not reported
Decommissioned Tanks:	2
Number of Tanks:	2

N88 **OREGON AUTO SPRING SERV** **OR AST** **S111253006**
NNW **920 SE STARK** **OR HSIS** **N/A**
1/8-1/4 **PORTLAND, OR 97214**
0.161 mi.
848 ft. **Site 3 of 3 in cluster N**

Relative:
Lower

Actual:
65 ft.

AST:

Facility Id:	015275
Hazardous Substance:	TURBINE OIL 22
Reporting Quantities:	1,000-4,999
Quantity Units:	GALLONS
Physical State:	LIQUID
Storage 1:	TANK INSIDE BUILDING
Storage 2:	ABOVEGROUND TANK

HSIS:

Facility ID:	015275
Department Or Division Of Company:	Not reported
Extremely Hazardous Substance:	N
Facility Has Written Emergency Plan:	Y
Contains 112R:	N
NAICS Code 1:	811111
NAICS Desc 1:	GENERAL AUTOMOTIVE REPAIR
NAICS Code 2:	423860
NAICS Desc 2:	TRANS EQP & SUPPLIES (EXC MOTOR VEHICLE) W
Manager Name:	JOE VON HAGEN
Business Phone:	5032349611
Mailing Address:	920 SE STARK
Mailing City:	PORTLAND
Mailing State:	OR
Mailing Zip:	97214
No. of Employees:	13
Day Phone:	5032349611
Placard:	Y
Fire Dept Code:	0291
FD:	PORTLAND FIRE & RESCUE
Sprinkler System:	N
Emergency Contact:	JOE VON HAGEN
Emergency Procedure:	SAFETY CABINET
Business Type:	AUTOMOTIVE SUSPENSION PARTS & SERVICE & MFG
Facility Type:	Not reported
Division/Department:	Not reported
Facility Status:	Not reported
Status TRI:	Not reported
Status RMP:	Not reported
Status PSM:	Not reported
Status CR2K:	Not reported
Status 302:	Not reported
Owner Name:	Not reported

OREGON AUTO SPRING SERV (Continued) **S111253006**

Latest Report ID:	Not reported
Case Number:	Not reported
Chemical Name:	Not reported
EHS Name:	Not reported
Is Pure:	Not reported
Is Mix:	Not reported
Is EHS:	Not reported
Mixture Component:	Not reported
Maximum DailyAmount Code:	Not reported
Maximum DailyAmount Unit:	Not reported
Chemical Added Date:	Not reported
Is ChemPSM:	Not reported
Is Chem112r:	Not reported
Is Chem302:	Not reported
Is Pesticide:	Not reported
Is Fertilizer:	Not reported
Physical State:	Not reported
UNNA Number:	Not reported
NFPA Health:	Not reported
NFPA Flammability:	Not reported
NFPA Reactivity:	Not reported
NFPA Special Notice:	Not reported
Hazards:	Not reported
No# of Days Onsite:	Not reported
Latitude:	Not reported
Longitude:	Not reported

Facility:

Chemical Name:	TURBINE OIL 22
Physical Description:	LIQUID
Case Number:	64742650
Facility Id:	015275
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	A
Temperature Description:	ABOVEGROUND TANK
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	LUBRICANT BASE OIL (PETROLEUM)
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	1
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False

OREGON AUTO SPRING SERV (Continued) **S111253006**

Substance Mix:	True
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	TURBINE OIL 22
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	64742650
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

89
WNW
1/8-1/4
0.163 mi.
862 ft.

ASSOCIATED HOSE PRODUCTS INCORPORATED
801 SOUTHEAST ALDER STREET
PORTLAND, OR 97214

RCRA NonGen / NLR
FINDS
ECHO

1000170137
ORD008934242

Relative:
Lower

Actual:
42 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/10/2001
Facility name:	ASSOCIATED HOSE PRODUCTS INC
Facility address:	801 SE ALDER PORTLAND, OR 97214
EPA ID:	ORD008934242
Mailing address:	PO BOX 15038 PORTLAND, OR 97293
Contact:	RICH SCAFIDI
Contact address:	PO BOX 15038 PORTLAND, OR 97293
Contact country:	US
Contact telephone:	503-232-0245
Contact email:	SALES@AHPHOSE.COM
EPA Region:	10
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	ASSOCIATED HOSE PRODUCTS INC
Owner/operator address:	PO BOX 15038 PORTLAND, OR 97293
Owner/operator country:	US

ASSOCIATED HOSE PRODUCTS INCORPORATED (Continued) **1000170137**

Owner/operator telephone: 503-232-0245
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/10/2001
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/31/2000
Site name: ASSOCIATED HOSE PRODUCTS INC
Classification: Not a generator, verified

. Waste code: NONE
. Waste name: None

Violation Status: No violations found

FINDS:

Registry ID: 110004778241

Environmental Interest/Information System

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ASSOCIATED HOSE PRODUCTS INCORPORATED (Continued) **1000170137**

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000170137
Registry ID: 110004778241
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004778241

U90 **HEATING OIL TANK** **OR LUST** **S104658749**
ESE **926 SE 15TH AVE** **N/A**
1/8-1/4 **PORTLAND, OR 97214**
0.169 mi.
890 ft. **Site 1 of 4 in cluster U**

Relative:
Higher

Actual:
91 ft.

LUST:
Region: North Western Region
Facility ID: 26-00-5720
Cleanup Received Date: 08/30/2000
Cleanup Start Date: 08/29/2000
Cleanup Complete Date: 11/20/2000
Decode for Region: North West Region

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91 **POWELL DISTRIBUTING CO - MORRISON ST** **OR LUST** **U000432729**
West **734 SE MORRISON** **OR UST** **N/A**
1/8-1/4 **PORTLAND, OR 97214**
0.169 mi.
893 ft.

Relative:
Lower

Actual:
42 ft.

LUST:
Region: North Western Region
Facility ID: 26-07-1034
Cleanup Received Date: 07/11/2007
Cleanup Start Date: 07/11/2007
Cleanup Complete Date: Not reported
Decode for Region: North West Region

UST:
Facility ID: 6049
Facility Telephone: 503-289-5558
Permittee Name: Jason Powell
Number of Permitted Tanks: 3
Active Tanks: 3
Decommissioned Tanks: Not reported
Number of Tanks: 4

O92 **HEATING OIL TANK** **OR LUST** **S120414296**
SSW **1006 SE SALMON ST** **N/A**
1/8-1/4 **PORTLAND, OR 97214**
0.170 mi.
896 ft. **Site 3 of 3 in cluster O**

Relative: **Lower**
Actual: **41 ft.**

LUST:
Region: North Western Region
Facility ID: 26-16-1577
Cleanup Received Date: 11/30/2016
Cleanup Start Date: Not reported
Cleanup Complete Date: 04/07/2017
Decode for Region: North West Region

P93 **HEATING OIL TANK** **OR LUST** **S105556412**
SE **1414 SE TAYLOR** **N/A**
1/8-1/4 **PORTLAND, OR 97214**
0.170 mi.
897 ft. **Site 3 of 4 in cluster P**

Relative: **Higher**
Actual: **73 ft.**

LUST:
Region: North Western Region
Facility ID: 26-02-0518
Cleanup Received Date: 07/25/2002
Cleanup Start Date: 07/25/2002
Cleanup Complete Date: Not reported
Decode for Region: North West Region

V94 **BALDWIN & FOSTER PRINTING** **RCRA NonGen / NLR** **1000193562**
NNE **1237 SE STARK ST** **FINDS** **ORD990821035**
1/8-1/4 **PORTLAND, OR 97214** **ECHO**
0.170 mi.
897 ft. **Site 1 of 4 in cluster V**

Relative: **Higher**
Actual: **90 ft.**

RCRA NonGen / NLR:
Date form received by agency: 11/08/2002
Facility name: BALDWIN & FOSTER PRINTING
Facility address: 1237 SE STARK ST
PORTLAND, OR 97214
EPA ID: ORD990821035
Mailing address: SE STARK ST
PORTLAND, OR 97214
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 10
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No

BALDWIN & FOSTER PRINTING (Continued) **1000193562**

Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

FINDS:

Registry ID: 110004808450

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000193562
Registry ID:	110004808450
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004808450

S95 **HEATING OIL TANK** **OR LUST** **S122528233**
NW **910 SE STARK ST** **N/A**
1/8-1/4 **PORTLAND, OR 97214**
0.170 mi.
899 ft. **Site 2 of 2 in cluster S**

Relative:
Lower

Actual:
63 ft.

LUST:

Region:	North Western Region
Facility ID:	26-18-0627
Cleanup Received Date:	05/31/2018
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**Not reported**
Decode for Region:	**North West Region**

U96
ESE
1/8-1/4
0.170 mi.
900 ft.

HEATING OIL TANK
934 SE 15TH AVENUE
PORTLAND, OR 97214

Site 2 of 4 in cluster U

OR LUST **S106117028**
N/A

Relative:
Higher

Actual:
91 ft.

LUST:

Region:	North Western Region
Facility ID:	26-03-2568
Cleanup Received Date:	12/16/2003
Cleanup Start Date:	12/17/2003
Cleanup Complete Date:	**10/18/2017**
Decode for Region:	**North West Region**

R97
NNE
1/8-1/4
0.171 mi.
904 ft.

SECURITY SIGNS
436 SE 12TH AVE
PORTLAND, OR 97214

Site 2 of 2 in cluster R

RCRA NonGen / NLR **1004769824**
FINDS **ORD009055740**
ECHO

Relative:
Higher

Actual:
84 ft.

RCRA NonGen / NLR:

Date form received by agency:	12/31/2005
Facility name:	SECURITY SIGNS
Facility address:	436 SE 12TH AVE PORTLAND, OR 97214
EPA ID:	ORD009055740
Contact:	DARCI KELJO
Contact address:	2424 SE HOLGATE BLVD PORTLAND, OR 97202
Contact country:	US
Contact telephone:	503-232-4172
Contact email:	Not reported
EPA Region:	10
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	SECURITY SIGNS
Owner/operator address:	436 SE 12TH AVE PORTLAND, OR 97214
Owner/operator country:	US
Owner/operator telephone:	503-232-4172
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	12/31/2005
Owner/Op end date:	Not reported
Owner/operator name:	THOMAS KELJO
Owner/operator address:	436 SE 12TH AVE PORTLAND, OR 97214
Owner/operator country:	US
Owner/operator telephone:	503-232-4172
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private

SECURITY SIGNS (Continued) **1004769824**

Owner/Operator Type: Owner
Owner/Op start date: 11/06/1997
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: NA
. Waste name: NA

Historical Generators:
Date form received by agency: 12/31/2003
Site name: SECURITY SIGNS
Classification: Not a generator, verified

Date form received by agency: 12/30/2002
Site name: SECURITY SIGNS
Classification: Not a generator, verified

Date form received by agency: 12/28/2001
Site name: SECURITY SIGNS
Classification: Not a generator, verified

Date form received by agency: 01/18/2001
Site name: SECURITY SIGNS
Classification: Not a generator, verified

Date form received by agency: 02/02/2000
Site name: SECURITY SIGNS
Classification: Not a generator, verified

Date form received by agency: 01/27/1999
Site name: SECURITY SIGNS
Classification: Not a generator, verified

Date form received by agency: 01/05/1998
Site name: SECURITY SIGNS
Classification: Not a generator, verified

Date form received by agency: 01/05/1998
Site name: SECURITY SIGNS
Classification: Not a generator, verified

SECURITY SIGNS (Continued) **1004769824**

Date form received by agency: 01/23/1997
Site name: SECURITY SIGNS
Classification: Not a generator, verified

Date form received by agency: 01/24/1996
Site name: SECURITY SIGNS
Classification: Not a generator, verified

Date form received by agency: 01/09/1995
Site name: SECURITY SIGNS
Classification: Not a generator, verified

Date form received by agency: 01/05/1994
Site name: SECURITY SIGNS
Classification: Not a generator, verified

Date form received by agency: 01/07/1993
Site name: SECURITY SIGNS
Classification: Not a generator, verified

Date form received by agency: 04/01/1992
Site name: SECURITY SIGNS
Classification: Not a generator, verified

. Waste code: NONE
. Waste name: None

Violation Status: No violations found

FINDS:

Registry ID: 110004779491

Environmental Interest/Information System

OR-DEQ (Oregon - Department Of Environmental Quality) is a regulatory agency whose job is to protect the quality of Oregon's Environment. DEQ uses a combination of technical assistance, inspections and permitting to help public and private facilities and citizens understand and comply with state and federal environmental regulations.

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Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1004769824
Registry ID: 110004779491
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004779491

W98
East
1/8-1/4
0.173 mi.
915 ft.

HEATING OIL TANK
1511 SE MORRISON ST
PORTLAND, OR 97214

Site 1 of 4 in cluster W

OR LUST **S108834614**
N/A

Relative:
Higher

Actual:
103 ft.

LUST:

Region:	North Western Region
Facility ID:	26-07-1033
Cleanup Received Date:	07/16/2007
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**10/23/2007**
Decode for Region:	**North West Region**

Q99
WSW
1/8-1/4
0.173 mi.
916 ft.

HEATING OIL TANK
731 SE YAMHILL ST
PORTLAND, OR 97214

Site 3 of 3 in cluster Q

OR LUST **S117880999**
N/A

Relative:
Lower

Actual:
43 ft.

LUST:

Region:	North Western Region
Facility ID:	26-15-0150
Cleanup Received Date:	02/06/2015
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**05/12/2015**
Decode for Region:	**North West Region**

100
SW
1/8-1/4
0.175 mi.
922 ft.

ENVIRONMENTAL BUILDING SUPPLIES
819 SE TAYLOR ST
PORTLAND, OR 97214

RCRA-CESQG **1001233564**
OR MANIFEST **ORQ000010439**

Relative:
Lower

Actual:
43 ft.

RCRA-CESQG:

Date form received by agency:	12/31/2009
Facility name:	ENVIRONMENTAL BUILDING SUPPLIES
Facility address:	819 SE TAYLOR ST PORTLAND, OR 97214
EPA ID:	ORQ000010439
Contact:	TY PATZER
Contact address:	819 SE TAYLOR ST PORTLAND, OR 97214
Contact country:	US
Contact telephone:	503-222-3881
Contact email:	Not reported
EPA Region:	10
Land type:	Private
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely

ENVIRONMENTAL BUILDING SUPPLIES (Continued) **1001233564**

hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	BUILT-E INC
Owner/operator address:	4121 1ST AVE S SEATTLE, WA 98124
Owner/operator country:	US
Owner/operator telephone:	800-281-9785
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	06/01/2006
Owner/Op end date:	Not reported

Owner/operator name:	ENVIRONMENTAL BUILDING SUPPLIES
Owner/operator address:	819 SE TAYLOR PORTLAND, OR 97214
Owner/operator country:	US
Owner/operator telephone:	503-222-3881
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Operator
Owner/Op start date:	12/31/2009
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

. Waste code:	NA
. Waste name:	NA

Historical Generators:

Date form received by agency:	12/31/2008
Site name:	ENVIRONMENTAL BUILDING SUPPLIES

ENVIRONMENTAL BUILDING SUPPLIES (Continued) **1001233564**

Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 12/31/2007
Site name: ENVIRONMENTAL BUILDING SUPPLIES
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 06/01/2006
Site name: ENVIRONMENTAL BUILDING SUPPLIES
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 05/31/2006
Site name: ENVIRONMENTAL BUILDING SUPPLIES
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 12/31/2005
Site name: ENVIRONMENTAL BUILDING SUPPLIES
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 12/31/2004
Site name: ENVIRONMENTAL BUILDING SUPPLIES
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 12/31/2003
Site name: ENVIRONMENTAL BUILDING SUPPLIES
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 06/24/2003
Site name: ENVIRONMENTAL BUILDING SUPPLIES
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 02/01/2002
Site name: SHAWNA MARIE INC DBA AMER FINISHING TECH
Classification: Small Quantity Generator

Date form received by agency: 01/18/2001
Site name: SHAWNA MARIE INC DBA AMER FINISHING TECH
Classification: Large Quantity Generator

Date form received by agency: 01/18/2001
Site name: VINTAGE DESIGN INC DBA AMERICAN FINISHIN
Classification: Not a generator, verified

Date form received by agency: 02/18/2000
Site name: VINTAGE DESIGN INC DBA AMERICAN FINISHIN
Classification: Small Quantity Generator

Date form received by agency: 02/08/1999
Site name: VINTAGE DESIGN INC DBA AMERICAN FINISHIN
Classification: Small Quantity Generator

Date form received by agency: 02/08/1999
Site name: VINTAGE DESIGN INC DBA AMERICAN FINISHIN
Classification: Small Quantity Generator

Date form received by agency: 01/27/1999
Site name: VINTAGE DESIGN INC DBA AMERICAN FINISHIN
Classification: Small Quantity Generator

ENVIRONMENTAL BUILDING SUPPLIES (Continued) **1001233564**

Date form received by agency: 11/09/1998
Site name: VINTAGE DESIGN INC DBA AMERICAN FINISHIN
Classification: Small Quantity Generator

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

. Waste code: F019
. Waste name: WASTEWATER TREATMENT SLUDGES FROM THE CHEMICAL CONVERSION COATING OF ALUMINUM EXCEPT FROM ZIRCONIUM PHOSPHATING IN ALUMINUM CAN WASHING WHEN SUCH PHOSPHATING IS AN EXCLUSIVE CONVERSION COATING PROCESS.

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: TSD - Container Use and Management
Date violation determined: 10/28/1998
Date achieved compliance: 11/27/1998
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 11/04/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Records/Reporting
Date violation determined: 10/28/1998
Date achieved compliance: 11/27/1998
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 11/04/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 10/28/1998
Date achieved compliance: 11/27/1998
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 11/04/1998

ENVIRONMENTAL BUILDING SUPPLIES (Continued) **1001233564**

Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 10/28/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Records/Reporting
Date achieved compliance: 11/27/1998
Evaluation lead agency: State

Evaluation date: 10/28/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 11/27/1998
Evaluation lead agency: State

Evaluation date: 10/28/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Container Use and Management
Date achieved compliance: 11/27/1998
Evaluation lead agency: State

OR MANIFEST:
Manifest Year: Manifest Year - 2007
EPA Id: ORQ000010439
Inactive Status: Not reported
Organization Name: Not reported
Contact Name: Ty Patzer
Contact Telephone Number: 503222-3881
Mailing Address: 819 SE Taylor St
Mailing City/State/Zip: Portland, OR 97214

P101 **HEATING OIL TANK** **OR LUST** **S112059282**
ESE **1010 SE 15 TH AVE** **N/A**
1/8-1/4 **PORTLAND, OR 97214**
0.177 mi.
935 ft. **Site 4 of 4 in cluster P**

Relative:
Higher

Actual:
87 ft.

LUST:
Region: North Western Region
Facility ID: 26-12-0548
Cleanup Received Date: 05/23/2012
Cleanup Start Date: Not reported
Cleanup Complete Date: 04/23/2013
Decode for Region: North West Region

X102 **HEATING OIL TANK** **OR LUST** **S110737728**
SSE **1306 SE SALMON ST** **N/A**
1/8-1/4 **PORTLAND, OR 97214**
0.177 mi.
937 ft. **Site 1 of 2 in cluster X**

Relative: **Lower**
Actual: **59 ft.**

LUST:

Region:	North Western Region
Facility ID:	26-10-1133
Cleanup Received Date:	11/10/2010
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**03/25/2011**
Decode for Region:	**North West Region**

Y103 **ODEQ TECHNICAL CENTER** **RCRA-CESQG** **1004771859**
South **1240 SOUTHEAST 12TH AVENUE** **FINDS** **ORQ000015057**
1/8-1/4 **PORTLAND, OR 97214** **ECHO**
0.178 mi.
942 ft. **Site 1 of 2 in cluster Y**

Relative: **Lower**
Actual: **53 ft.**

RCRA-CESQG:

Date form received by agency:	12/31/2003
Facility name:	ODEQ TECHNICAL CENTER
Facility address:	1240 SE 12TH AVE PORTLAND, OR 97214-3603
EPA ID:	ORQ000015057
Contact:	FRED HARDT
Contact address:	1240 SE 12TH AVE PORTLAND, OR 97214
Contact country:	US
Contact telephone:	503-731-3050
Contact email:	Not reported
EPA Region:	10
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	OREGON DEPT OF ENVIRONMENTAL QUALITY
Owner/operator address:	811 SW 6TH AVE VIP PRO PORTLAND, OR 97204
Owner/operator country:	US
Owner/operator telephone:	503-731-3050
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	2
Legal status:	State

ODEQ TECHNICAL CENTER (Continued) **1004771859**

Owner/Operator Type: Operator
Owner/Op start date: 12/31/2003
Owner/Op end date: Not reported

Owner/operator name: OREGON DEPT OF ENVIRONMENTAL QUALITY
Owner/operator address: 811 SW 6TH AVE VIP PRO
PORTLAND, OR 97204
Owner/operator country: US
Owner/operator telephone: 503-731-3050
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: 2
Legal status: State
Owner/Operator Type: Owner
Owner/Op start date: 06/06/2000
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: NA
. Waste name: NA

Historical Generators:
Date form received by agency: 03/18/2003
Site name: ODEQ TECHNICAL CENTER
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 03/22/2002
Site name: ODEQ TECHNICAL CENTER
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 02/07/2001
Site name: ODEQ TECHNICAL CENTER
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 06/06/2000
Site name: ODEQ TECHNICAL CENTER
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: NONE
. Waste name: None

ODEQ TECHNICAL CENTER (Continued) **1004771859**

Violation Status: No violations found

FINDS:

Registry ID: 110004820463

Environmental Interest/Information System

OR-DEQ (Oregon - Department Of Environmental Quality) is a regulatory agency whose job is to protect the quality of Oregon's Environment. DEQ uses a combination of technical assistance, inspections and permitting to help public and private facilities and citizens understand and comply with state and federal environmental regulations.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1004771859
Registry ID:	110004820463
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004820463

V104 **RAINBOW AUTO BODY** **RCRA NonGen / NLR** **1000307968**
NNE **1301 SE STARK** **FINDS** **ORD980977177**
1/8-1/4 **PORTLAND, OR 97214** **ECHO**
0.179 mi.
947 ft. **Site 2 of 4 in cluster V**

Relative:
Higher

Actual:
93 ft.

RCRA NonGen / NLR:

Date form received by agency:	12/28/1995
Facility name:	RAINBOW AUTO BODY
Facility address:	1301 SE STARK PORTLAND, OR 97214
EPA ID:	ORD980977177
Contact:	BILL HOSFORD
Contact address:	1301 SE STARK PORTLAND, OR 97214
Contact country:	US
Contact telephone:	503-243-0556
Contact email:	Not reported
EPA Region:	10
Land type:	Other land type
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	RAINBOW AUTO BODY
Owner/operator address:	1301 SE STARK PORTLAND, OR 97214

RAINBOW AUTO BODY (Continued) **1000307968**

Owner/operator country: US
Owner/operator telephone: 503-243-0556
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: 12/28/1995
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 06/10/1988
Site name: RAINBOW AUTO BODY
Classification: Not a generator, verified

. Waste code: NONE
. Waste name: None

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 04/29/1985
Date achieved compliance: 05/29/1985
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/29/1985
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 04/29/1985
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - General
Date achieved compliance: 05/29/1985

RAINBOW AUTO BODY (Continued) **1000307968**

Evaluation lead agency: State

FINDS:

Registry ID: 110004790753

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000307968
Registry ID: 110004790753
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004790753

W105
ENE
1/8-1/4
0.180 mi.
948 ft.

HEATING OIL TANK **OR LUST** **S121299398**
1516-1518 SE ALDER ST **N/A**
PORTLAND, OR 97214

Site 2 of 4 in cluster W

Relative: Higher
Actual: 104 ft.

LUST:

Region: North Western Region
Facility ID: 26-17-1017
Cleanup Received Date: 08/25/2017
Cleanup Start Date: Not reported
Cleanup Complete Date: 01/22/2018
Decode for Region: North West Region

Z106
NE
1/8-1/4
0.180 mi.
952 ft.

HEATING OIL TANK **OR LUST** **S116760757**
537- 539 SE 15TH AVE **N/A**
PORTLAND, OR 97214

Site 1 of 3 in cluster Z

Relative: Higher
Actual: 100 ft.

LUST:

Region: North Western Region
Facility ID: 26-14-0796
Cleanup Received Date: 06/20/2014
Cleanup Start Date: Not reported
Cleanup Complete Date: 08/08/2014
Decode for Region: North West Region

U107
East
1/8-1/4
0.182 mi.
962 ft.

HEATING OIL TANK
1525 SE BELMONT ST
PORTLAND, OR 97214

Site 3 of 4 in cluster U

OR LUST **S107465806**
N/A

Relative:
Higher

Actual:
99 ft.

LUST:

Region:	North Western Region
Facility ID:	26-05-1686
Cleanup Received Date:	08/05/2005
Cleanup Start Date:	08/08/2005
Cleanup Complete Date:	**10/12/2005**
Decode for Region:	**North West Region**

AA108
SE
1/8-1/4
0.184 mi.
973 ft.

HEATING OIL TANK
1436 SE TAYLOR ST
PORTLAND, OR 97214

Site 1 of 4 in cluster AA

OR LUST **S104907948**
N/A

Relative:
Higher

Actual:
77 ft.

LUST:

Region:	North Western Region
Facility ID:	26-01-5196
Cleanup Received Date:	02/05/2001
Cleanup Start Date:	01/09/2001
Cleanup Complete Date:	**03/09/2001**
Decode for Region:	**North West Region**

AB109
West
1/8-1/4
0.186 mi.
984 ft.

EXHAUST SPECIALTIES
700 SE BELMONT ST.
PORTLAND, OR 97214

Site 1 of 4 in cluster AB

OR ECSI **S118869504**
OR VCP **N/A**

Relative:
Lower

Actual:
44 ft.

ECSI:

State ID Number:	6120
Brown ID:	0
Study Area:	False
Region ID:	2
Legislatve ID:	0
Investigation:	No Further Action
FACA ID:	141137
Further Action:	0
Lat/Long (dms):	45 30 58.70 / -122 39 29.50
County Code:	26.00
Score Value:	Not reported
Cerclis ID:	Not reported
Township Coord.:	1.00
Township Zone:	S
Range Coord:	1.00
Range Zone:	E
Section Coord:	2
Qtr Section:	BB
Tax Lots:	7200
Size:	0.18 acres
NPL:	False
Orphan:	False
Updated By:	RHOOD

EXHAUST SPECIALTIES (Continued) **S118869504**

Update Date: 10/10/2017
Created Date: 07/05/2016
Decode For RegionID: Northwest Region
Decode For BrownID: Not reported
Decode For Furtheract: Not reported
Decode For Investstat: No Further Action
Decode For Legislative: Not reported

Narrative:
NARR ID: 5756686
NARR Code: Project Activity Status
Created By: RHOOD
Created Date: 04/14/2017
Updated By: RHOOD
Updated Date: 04/14/2017
Decode for NarcdID: Project Activity Status
NARR Comments: 4/2017: In March 2017, select soil removal completed. Property to be redeveloped as storage units.

NARR ID: 5756907
NARR Code: Remedial Action
Created By: RHOOD
Created Date: 10/10/2017
Updated By: RHOOD
Updated Date: 10/10/2017
Decode for NarcdID: Remedial Action
NARR Comments: Soil removal completed, NFA

NARR ID: 5756902
NARR Code: 1922
Created By: RHOOD
Created Date: 09/29/2017
Updated By: RHOOD
Updated Date: 09/29/2017
Decode for NarcdID: Current Site Summary Statement
NARR Comments: 4/2017: In March 2017, select soil removal completed following limited site investigation of historical auto repair facility. . Property to be redeveloped as storage units.

Administrative Action:
Action ID: 9424
Region: Not reported
Complete Date: 07/05/2016
Rank Value: Not reported
Cleanup Flag: False
Created Date: 07/05/2016
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Administrative Action
Action Code Flag: False
Action: Site added to database
Further Action: Not reported
Comments: Not reported

Action ID: 9519
Region: Northwestern Region
Complete Date: 10/17/2016
Rank Value: Not reported

EXHAUST SPECIALTIES (Continued) **S118869504**

Cleanup Flag: False
Created Date: 07/05/2016
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: VCS Waiting List
Further Action: 0
Comments: Not reported

Action ID: 9511
Region: Northwestern Region
Complete Date: 03/08/2017
Rank Value: Not reported
Cleanup Flag: False
Created Date: 10/17/2016
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: SITE INVESTIGATION
Further Action: 0
Comments: Not reported

Action ID: 9491
Region: Northwestern Region
Complete Date: 10/10/2017
Rank Value: Not reported
Cleanup Flag: False
Created Date: 04/14/2017
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: REMOVAL
Further Action: 0
Comments: Not reported

Action ID: 9443
Region: Northwestern Region
Complete Date: 10/10/2017
Rank Value: Not reported
Cleanup Flag: False
Created Date: 10/10/2017
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: NO FURTHER STATE ACTION REQUIRED
Further Action: 0
Comments: Not reported

VCS:
ECS Site ID: 6120
Facility Size: 0.18 acres
Action: NO FURTHER STATE ACTION REQUIRED
Start Date: 10/10/2017

EXHAUST SPECIALTIES (Continued) **S118869504**

End Date: 10/10/2017
Facility Status: Completed
Program: VCP
Latitude: 45.5163
Longitude: -122.6582

Y110 **CASCADE COIL DRAPERY INC** **RCRA NonGen / NLR** **1004771952**
South **1239 SE 12TH AVE** **FINDS** **ORR000000232**
1/8-1/4 **PORTLAND, OR 97214** **ECHO**
0.187 mi.
987 ft. **Site 2 of 2 in cluster Y**

Relative:
Lower

Actual:
49 ft.

RCRA NonGen / NLR:
Date form received by agency: 12/31/2005
Facility name: CASCADE COIL DRAPERY INC
Facility address: 1239 SE 12TH AVE
PORTLAND, OR 97214-3664
EPA ID: ORR000000232
Mailing address: PO BOX 3707
TUALATIN, OR 97062-7505
Contact: RONALD A SCHOENHEIT
Contact address: PO BOX 3707
TUALATIN, OR 97062-7505
Contact country: US
Contact telephone: 971-224-2188
Contact email: Not reported
EPA Region: 10
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: CASCADE COIL DRAPERY INC.
Owner/operator address: PO BOX 3707
TUALATIN, OR 97062
Owner/operator country: US
Owner/operator telephone: 971-224-2188
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 03/08/1995
Owner/Op end date: Not reported

Owner/operator name: CASCADE COIL DRAPERY INC.
Owner/operator address: PO BOX 3707
TUALATIN, OR 97062
Owner/operator country: US
Owner/operator telephone: 971-224-2188
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 12/31/2005
Owner/Op end date: Not reported

CASCADE COIL DRAPERY INC (Continued) **1004771952**

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: NA
. Waste name: NA

Historical Generators:
Date form received by agency: 12/31/2003
Site name: CASCADE COIL DRAPERY INC
Classification: Not a generator, verified

Date form received by agency: 01/07/2003
Site name: CASCADE COIL DRAPERY INC
Classification: Not a generator, verified

Date form received by agency: 02/14/2002
Site name: CASCADE COIL DRAPERY INC
Classification: Not a generator, verified

Date form received by agency: 01/10/2001
Site name: CASCADE COIL DRAPERY INC
Classification: Not a generator, verified

Date form received by agency: 02/09/2000
Site name: CASCADE COIL DRAPERY INC
Classification: Not a generator, verified

Date form received by agency: 02/10/1999
Site name: CASCADE COIL DRAPERY INC
Classification: Not a generator, verified

Date form received by agency: 01/07/1998
Site name: CASCADE COIL DRAPERY INC
Classification: Not a generator, verified

Date form received by agency: 01/21/1997
Site name: CASCADE COIL DRAPERY INC
Classification: Not a generator, verified

Date form received by agency: 01/31/1996
Site name: CASCADE COIL DRAPERY INC
Classification: Not a generator, verified

CASCADE COIL DRAPERY INC (Continued) **1004771952**

Date form received by agency: 03/08/1995
Site name: CASCADE COIL DRAPERY INC
Classification: Not a generator, verified

. Waste code: NONE
. Waste name: None

Violation Status: No violations found

FINDS:

Registry ID: 110004820971

Environmental Interest/Information System

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Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1004771952
Registry ID: 110004820971
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004820971

AA111 **HEATING OIL TANK** **OR LUST** **S105981292**
SE **1413 SE SALMON** **N/A**
1/8-1/4 **PORTLAND, OR 97214**
0.187 mi.
987 ft. **Site 2 of 4 in cluster AA**

Relative:
Higher

Actual:
70 ft.

LUST:
Region: North Western Region
Facility ID: 26-03-1361
Cleanup Received Date: 07/11/2003
Cleanup Start Date: 07/11/2003
Cleanup Complete Date: 09/05/2003
Decode for Region: North West Region

T112
NNE
1/8-1/4
0.188 mi.
990 ft.

HEATING OIL TANK
1335 SE STARK ST
PORTLAND, OR 97214

Site 2 of 2 in cluster T

OR LUST **S120414346**
OR UIC **N/A**

Relative:
Higher

Actual:
95 ft.

LUST:

Region:	North Western Region
Facility ID:	26-16-1655
Cleanup Received Date:	12/23/2016
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**07/24/2017**
Decode for Region:	**North West Region**

OR UIC:

UIC Well #:	1
Type:	5D2
Type Description:	Storm Water Drainage
Status:	Active
UIC Number:	15502
Facility Status:	Registered & RA
Lat/Long:	45.519562 / -122.6518

UIC Well #:	2
Type:	5D2
Type Description:	Storm Water Drainage
Status:	Active
UIC Number:	15502
Facility Status:	Registered & RA
Lat/Long:	45.519562 / -122.6518

Z113
NE
1/8-1/4
0.188 mi.
994 ft.

HEATING OIL TANK
525 SE 15TH AVE
PORTLAND, OR 97214

Site 2 of 3 in cluster Z

OR LUST **S106116912**
N/A

Relative:
Higher

Actual:
100 ft.

LUST:

Region:	North Western Region
Facility ID:	26-03-2381
Cleanup Received Date:	11/10/2003
Cleanup Start Date:	11/10/2003
Cleanup Complete Date:	**05/19/2004**
Decode for Region:	**North West Region**

W114
East
1/8-1/4
0.189 mi.
997 ft.

HEATING OIL TANK
1537 SE MORRISON ST
PORTLAND, OR 97214

Site 3 of 4 in cluster W

OR LUST **S113668845**
N/A

Relative:
Higher

Actual:
106 ft.

LUST:

Region:	North Western Region
Facility ID:	26-13-0142
Cleanup Received Date:	02/11/2013
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**03/06/2013**
Decode for Region:	**North West Region**

W115 **HEATING OIL TANK** **OR LUST** **S115330531**
East **819 SE 16TH AVE** **N/A**
1/8-1/4 **PORTLAND, OR 97214**
0.190 mi.
1001 ft. **Site 4 of 4 in cluster W**

Relative: LUST:
Higher
Actual: Region: North Western Region
103 ft. Facility ID: 26-13-1362
Cleanup Received Date: 10/11/2013
Cleanup Start Date: Not reported
Cleanup Complete Date: 04/29/2016
Decode for Region: North West Region

U116 **HEATING OIL TANK** **OR LUST** **S114397442**
East **907 SE 16TH AVE** **N/A**
1/8-1/4 **PORTLAND, OR 97214**
0.191 mi.
1006 ft. **Site 4 of 4 in cluster U**

Relative: LUST:
Higher
Actual: Region: North Western Region
97 ft. Facility ID: 26-13-0928
Cleanup Received Date: 07/16/2013
Cleanup Start Date: Not reported
Cleanup Complete Date: 07/29/2014
Decode for Region: North West Region

AB117 **HEATING OIL TANK** **OR LUST** **S105981522**
WSW **928-940 SE 7TH** **N/A**
1/8-1/4 **PORTLAND, OR 97214**
0.191 mi.
1010 ft. **Site 2 of 4 in cluster AB**

Relative: LUST:
Lower
Actual: Region: North Western Region
45 ft. Facility ID: 26-03-1725
Cleanup Received Date: 08/19/2003
Cleanup Start Date: 08/19/2003
Cleanup Complete Date: 12/17/2003
Decode for Region: North West Region

Z118 **HEATING OIL TANK** **OR LUST** **S107135497**
ENE **602 SE 15TH AVE** **N/A**
1/8-1/4 **PORTLAND, OR 97214**
0.191 mi.
1010 ft. **Site 3 of 3 in cluster Z**

Relative: LUST:
Higher
Actual: Region: North Western Region
103 ft. Facility ID: 26-05-1399
Cleanup Received Date: 06/30/2005
Cleanup Start Date: 07/01/2005
Cleanup Complete Date: 09/29/2005
Decode for Region: North West Region

119 SSW 1/8-1/4 0.193 mi. 1019 ft.

FRICTION PRODUCTS MFG CO INC
1001 SE MAIN ST
PORTLAND, OR 97214

RCRA NonGen / NLR **1000181086**
FINDS **ORD068783679**
ECHO

Relative: Lower

Actual: 42 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/11/2001
Facility name:	FRICTION PRODUCTS MFG CO INC
Facility address:	1001 SE MAIN ST PORTLAND, OR 97214
EPA ID:	ORD068783679
Contact:	J CLARK HILDUM
Contact address:	1001 SE MAIN ST PORTLAND, OR 97214
Contact country:	US
Contact telephone:	503-234-5461
Contact email:	Not reported
EPA Region:	10
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	FRICTION PRODUCTS MFG CO INC
Owner/operator address:	1001 SE MAIN ST PORTLAND, OR 97214
Owner/operator country:	US
Owner/operator telephone:	503-234-5461
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/11/2001
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

. Waste code:	U013
. Waste name:	Not Defined

Historical Generators:

Date form received by agency:	08/18/1980

FRICTION PRODUCTS MFG CO INC (Continued) **1000181086**

Site name: FRICTION PRODUCTS MFG CO INC
Classification: Not a generator, verified

Violation Status: No violations found

FINDS:

Registry ID: 110004785616

Environmental Interest/Information System
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Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000181086
Registry ID: 110004785616
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004785616

V120 **HEATING OIL TANK** **OR LUST** **S108834317**
North **400 SE 12TH AVE** **N/A**
1/8-1/4 **PORTLAND, OR 97214**
0.193 mi.
1020 ft. **Site 3 of 4 in cluster V**

Relative: **Higher**
Actual: **91 ft.**

LUST:
Region: North Western Region
Facility ID: 26-07-1307
Cleanup Received Date: 08/31/2007
Cleanup Start Date: Not reported
Cleanup Complete Date: 01/29/2008
Decode for Region: North West Region

AC121 **HEATING OIL TANK** **OR LUST** **S118673142**
North **1136 SE OAK ST** **N/A**
1/8-1/4 **PORTLAND, OR 97214**
0.197 mi.
1039 ft. **Site 1 of 2 in cluster AC**

Relative: **Higher**
Actual: **88 ft.**

LUST:
Region: North Western Region
Facility ID: 26-12-1223
Cleanup Received Date: 10/05/2012
Cleanup Start Date: Not reported
Cleanup Complete Date: 02/18/2016
Decode for Region: North West Region

AA122
SE
1/8-1/4
0.200 mi.
1056 ft.

HEATING OIL TANK
1435 SE SALMON ST.
PORTLAND, OR 97214

Site 3 of 4 in cluster AA

OR LUST **S104658175**
N/A

Relative:
Higher

Actual:
73 ft.

LUST:

Region:	North Western Region
Facility ID:	26-00-0706
Cleanup Received Date:	05/10/2000
Cleanup Start Date:	05/12/2000
Cleanup Complete Date:	**05/31/2000**
Decode for Region:	**North West Region**

AD123
WSW
1/8-1/4
0.204 mi.
1077 ft.

HEATING OIL TANK
1020 SE 7TH
PORTLAND, OR 97214

Site 1 of 2 in cluster AD

OR LUST **S100500642**
N/A

Relative:
Lower

Actual:
46 ft.

LUST:

Region:	North Western Region
Facility ID:	26-92-0072
Cleanup Received Date:	03/16/1992
Cleanup Start Date:	02/21/1991
Cleanup Complete Date:	**Not reported**
Decode for Region:	**North West Region**

AB124
West
1/8-1/4
0.206 mi.
1086 ft.

AIR PRODUCTS AND CHEMICALS INC
915 SE 7TH AVE
PORTLAND, OR 97214

Site 3 of 4 in cluster AB

RCRA NonGen / NLR **1001229640**
FINDS **ORQ000009050**
ECHO

Relative:
Lower

Actual:
46 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/21/2003
Facility name:	AIR PRODUCTS AND CHEMICALS INC
Facility address:	915 SE 7TH AVE PORTLAND, OR 97214
EPA ID:	ORQ000009050
Mailing address:	7201 HAMILTON BLVD ALLENTOWN, PA 18195
Contact:	TOM MEIER
Contact address:	915 SE 7TH AVE PORTLAND, OR 97214
Contact country:	US
Contact telephone:	503-233-2571
Contact email:	Not reported
EPA Region:	10
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	AIR PRODUCTS AND CHEMICALS INC
Owner/operator address:	7201 HAMILTON BLVD ALLENTOWN, PA 18195
Owner/operator country:	US
Owner/operator telephone:	610-481-3354

AIR PRODUCTS AND CHEMICALS INC (Continued) **1001229640**

Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/21/2003
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 06/14/2002
Site name: AIR PRODUCTS AND CHEMICALS INC
Classification: Not a generator, verified

Date form received by agency: 05/29/2002
Site name: AIR PRODUCTS AND CHEMICALS INC
Classification: Not a generator, verified

Date form received by agency: 01/28/2002
Site name: AIR PRODUCTS AND CHEMICALS INC
Classification: Not a generator, verified

Date form received by agency: 01/26/2001
Site name: AIR PRODUCTS AND CHEMICALS INC
Classification: Not a generator, verified

Date form received by agency: 02/07/2000
Site name: AIR PRODUCTS AND CHEMICALS INC
Classification: Not a generator, verified

Date form received by agency: 02/02/1999
Site name: AIR PRODUCTS AND CHEMICALS INC
Classification: Not a generator, verified

Date form received by agency: 05/27/1998
Site name: AIR PRODUCTS AND CHEMICALS INC
Classification: Not a generator, verified

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF

AIR PRODUCTS AND CHEMICALS INC (Continued) **1001229640**

LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: LABP
. Waste name: LAB PACK

Violation Status: No violations found

FINDS:

Registry ID: 110004815497

Environmental Interest/Information System

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AIR PRODUCTS AND CHEMICALS INC (Continued) **1001229640**

corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1001229640
Registry ID: 110004815497
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004815497

AB125 **PERRIN PROPERTY** **OR LUST** **S106475302**
WSW **931 SE 7TH AVE** **N/A**
1/8-1/4 **PORTLAND, OR 97214**
0.207 mi.
1092 ft. **Site 4 of 4 in cluster AB**

Relative:
Lower

Actual:
46 ft.

LUST:
Region: North Western Region
Facility ID: 26-04-0243
Cleanup Received Date: 02/24/2004
Cleanup Start Date: 02/24/2004
Cleanup Complete Date: 03/09/2004
Decode for Region: North West Region

V126 **BATASCH FAMILY TRUST** **OR LUST** **U000432658**
NNE **1324 SE OAK** **OR UST** **N/A**
1/8-1/4 **PORTLAND, OR 97214**
0.208 mi.
1098 ft. **Site 4 of 4 in cluster V**

Relative:
Higher

Actual:
96 ft.

LUST:
Region: North Western Region
Facility ID: 26-90-0117
Cleanup Received Date: 04/03/1990
Cleanup Start Date: 03/24/1990
Cleanup Complete Date: 11/17/2014
Decode for Region: North West Region

UST:
Facility ID: 10385
Facility Telephone: (503) 235-4145
Permittee Name: JOHN BASTASCH
Number of Permitted Tanks: Not reported
Active Tanks: Not reported
Decommissioned Tanks: 2
Number of Tanks: 2

AE127 **HEATING OIL TANK** **OR LUST** **S106116891**
NNW **926 SE OAK STREET** **N/A**
1/8-1/4 **PORTLAND, OR 97214**
0.208 mi.
1099 ft. **Site 1 of 2 in cluster AE**

Relative:
Higher

Actual:
75 ft.

LUST:

Region:	North Western Region
Facility ID:	26-03-2347
Cleanup Received Date:	11/06/2003
Cleanup Start Date:	11/06/2003
Cleanup Complete Date:	**02/23/2004**
Decode for Region:	**North West Region**

AF128 **FORWARDERS TRANSFER INC** **RCRA NonGen / NLR** **1000435196**
SSW **1240 SE 9TH AVE** **FINDS** **ORD981761661**
1/8-1/4 **PORTLAND, OR 97214** **ECHO**
0.208 mi.
1099 ft. **Site 1 of 2 in cluster AF**

Relative:
Lower

Actual:
39 ft.

RCRA NonGen / NLR:

Date form received by agency:	12/06/1991
Facility name:	FORWARDERS TRANSFER INC
Facility address:	1240 SE 9TH AVE PORTLAND, OR 97214
EPA ID:	ORD981761661
Mailing address:	PO BOX 14892 PORTLAND, OR 97214
Contact:	NO DATA ENTERED NO DATA ENTERED
Contact address:	Not reported ,,
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	10
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	FORWARDERS TRANSFER INC
Owner/operator address:	NO DATA ENTERED Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Owner
Owner/Op start date:	12/06/1991
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No

FORWARDERS TRANSFER INC (Continued) **1000435196**

On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: NONE
. Waste name: None

Historical Generators:
Date form received by agency: 10/14/1986
Site name: FORWARDERS TRANSFER INC
Classification: Not a generator, verified

Violation Status: No violations found

FINDS:

Registry ID: 110004792626

Environmental Interest/Information System
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Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000435196
Registry ID: 110004792626
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004792626

AG129 **CITIZENS GRAPHIC ARTS** **RCRA NonGen / NLR** **1004770728**
WNW **709 SE 7TH AVE** **FINDS** **ORD987191681**
1/8-1/4 **PORTLAND, OR 97214** **ECHO**
0.209 mi. **OR MANIFEST**
1105 ft. **Site 1 of 4 in cluster AG**

Relative:
Lower

Actual:
43 ft.

RCRA NonGen / NLR:
Date form received by agency: 12/31/2009
Facility name: CITIZENS GRAPHIC ARTS
Facility address: 709 SE 7TH AVE
PORTLAND, OR 97214
EPA ID: ORD987191681
Mailing address: 706 SE SIXTH AVE.
PORTLAND, OR 97214
Contact: GREG FOSTER
Contact address: PO BOX 14648

CITIZENS GRAPHIC ARTS (Continued) **1004770728**

PORTLAND, OR 97293-4648
Contact country: US
Contact telephone: 503-232-8501
Contact email: Not reported
EPA Region: 10
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: CITIZENS PHOTO DBA CITIZENS GRAPHIC ARTS
Owner/operator address: 709 SE 7TH AVE
PORTLAND, OR 97214
Owner/operator country: US
Owner/operator telephone: 503-232-8501
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 09/19/1991
Owner/Op end date: Not reported

Owner/operator name: BILL POTTER
Owner/operator address: 4831 SW HUMPHREY PK CREST
PORTLAND, OR 97221
Owner/operator country: US
Owner/operator telephone: 503-232-8501
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 12/31/2009
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: NA
. Waste name: NA

CITIZENS GRAPHIC ARTS (Continued) **1004770728**

Historical Generators:

Date form received by agency: 12/31/2004
Site name: CITIZENS GRAPHIC ARTS
Classification: Not a generator, verified

Date form received by agency: 12/31/2003
Site name: CITIZENS GRAPHIC ARTS
Classification: Not a generator, verified

Date form received by agency: 12/30/2002
Site name: CITIZENS GRAPHIC ARTS
Classification: Not a generator, verified

Date form received by agency: 01/15/2002
Site name: CITIZENS GRAPHIC ARTS
Classification: Not a generator, verified

Date form received by agency: 01/10/2001
Site name: CITIZENS GRAPHIC ARTS
Classification: Not a generator, verified

Date form received by agency: 01/11/2000
Site name: CITIZENS GRAPHIC ARTS
Classification: Not a generator, verified

Date form received by agency: 02/16/1999
Site name: CITIZENS GRAPHIC ARTS
Classification: Not a generator, verified

Date form received by agency: 01/12/1998
Site name: CITIZENS GRAPHIC ARTS
Classification: Not a generator, verified

Date form received by agency: 01/08/1997
Site name: CITIZENS GRAPHIC ARTS
Classification: Not a generator, verified

Date form received by agency: 04/22/1996
Site name: CITIZENS GRAPHIC ARTS
Classification: Not a generator, verified

Date form received by agency: 01/04/1995
Site name: CITIZENS GRAPHIC ARTS
Classification: Not a generator, verified

Date form received by agency: 01/04/1994
Site name: CITIZENS GRAPHIC ARTS
Classification: Not a generator, verified

Date form received by agency: 04/09/1993
Site name: CITIZENS GRAPHIC ARTS
Classification: Not a generator, verified

Date form received by agency: 11/27/1991
Site name: CITIZENS GRAPHIC ARTS
Classification: Not a generator, verified

CITIZENS GRAPHIC ARTS (Continued) **1004770728**

. Waste code: NONE
. Waste name: None

Violation Status: No violations found

FINDS:

Registry ID: 110004802893

Environmental Interest/Information System

OR-DEQ (Oregon - Department Of Environmental Quality) is a regulatory agency whose job is to protect the quality of Oregon's Environment. DEQ uses a combination of technical assistance, inspections and permitting to help public and private facilities and citizens understand and comply with state and federal environmental regulations.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1004770728
Registry ID: 110004802893
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004802893

OR MANIFEST:

Manifest Year: Manifest Year - 2004
EPA Id: ORD987191681
Inactive Status: Not reported
Organization Name: Not reported
Contact Name: Greg Foster
Contact Telephone Number: (503)232-8501 ext 12
Mailing Address: 709 SE 7th Ave
Mailing City/State/Zip: Portland, OR 97214

AE130 **BRESSIE CO** **RCRA NonGen / NLR** **1004769724**
NNW **922 SE OAK ST** **FINDS** **OR0000991679**
1/8-1/4 **PORTLAND, OR 97214** **ECHO**
0.209 mi.
1105 ft. **Site 2 of 2 in cluster AE**

Relative:
Higher

Actual:
75 ft.

RCRA NonGen / NLR:

Date form received by agency: 04/30/2002
Facility name: BRESSIE CO
Facility address: 922 SE OAK ST
PORTLAND, OR 97214
EPA ID: OR0000991679
Contact: SKIP "YC" BRESSIE JR

BRESSIE CO (Continued) **1004769724**

Contact address: 922 SE OAK ST
PORTLAND, OR 97214
Contact country: US
Contact telephone: 503-231-7171
Contact email: Not reported
EPA Region: 10
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: BRESSIE CO
Owner/operator address: 922 SE OAK ST
PORTLAND, OR 97214
Owner/operator country: US
Owner/operator telephone: 503-231-7171
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: 04/30/2002
Owner/Op end date: Not reported

Owner/operator name: Y C BRESSIE
Owner/operator address: 922 SE OAK ST
PORTLAND, OR 97214
Owner/operator country: US
Owner/operator telephone: 503-231-7171
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 04/30/2002
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/10/2001
Site name: BRESSIE CO

BRESSIE CO (Continued) **1004769724**

Classification: Not a generator, verified

Date form received by agency: 04/19/2000
Site name: BRESSIE CO
Classification: Not a generator, verified

Date form received by agency: 01/21/1999
Site name: BRESSIE CO
Classification: Not a generator, verified

Date form received by agency: 07/30/1998
Site name: BRESSIE CO
Classification: Not a generator, verified

Date form received by agency: 07/10/1997
Site name: BRESSIE CO
Classification: Not a generator, verified

Date form received by agency: 12/28/1995
Site name: BRESSIE CO
Classification: Not a generator, verified

Date form received by agency: 12/19/1994
Site name: BRESSIE CO
Classification: Not a generator, verified

. Waste code: NONE
. Waste name: None

Violation Status: No violations found

FINDS:

Registry ID: 110004775315

Environmental Interest/Information System

OR-DEQ (Oregon - Department Of Environmental Quality) is a regulatory agency whose job is to protect the quality of Oregon's Environment. DEQ uses a combination of technical assistance, inspections and permitting to help public and private facilities and citizens understand and comply with state and federal environmental regulations.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1004769724
Registry ID: 110004775315

BRESSIE CO (Continued) **1004769724**

DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004775315

AH131 **PACIFIC COLOR PLATE** **RCRA NonGen / NLR** **1004771662**
NW **425 SE 9TH AVE** **ORQ000012260**
1/8-1/4 **PORTLAND, OR 97214**
0.210 mi.
1110 ft. **Site 1 of 4 in cluster AH**

Relative:
Lower

Actual:
66 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/14/2002
Facility name:	PACIFIC COLOR PLATE
Facility address:	425 SE 9TH AVE PORTLAND, OR 97214
EPA ID:	ORQ000012260
Mailing address:	306 SE 8TH AVE PORTLAND, OR 97213
Contact:	HILARY BURNS
Contact address:	306 SE 8TH AVE PORTLAND, OR 97213
Contact country:	US
Contact telephone:	503-232-7151
Contact email:	HILARYB@NUWAYPRINTING.COM
EPA Region:	10
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	NU-WAY PRINTING & ENVELOPE CO
Owner/operator address:	306 SE 8TH AVE PORTLAND, OR 97214
Owner/operator country:	US
Owner/operator telephone:	503-232-7151
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/14/2002
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

PACIFIC COLOR PLATE (Continued) **1004771662**

Historical Generators:
Date form received by agency: 01/19/2001
Site name: PACIFIC COLOR PLATE
Classification: Not a generator, verified

Date form received by agency: 04/25/2000
Site name: PACIFIC COLOR PLATE
Classification: Not a generator, verified

Date form received by agency: 06/17/1999
Site name: PACIFIC COLOR PLATE
Classification: Not a generator, verified

. Waste code: NONE
. Waste name: None

Violation Status: No violations found

AH132 **HEATING OIL TANK** **OR LUST** **S118452514**
NW **425 SE 9TH AVE** **N/A**
1/8-1/4 **PORTLAND, OR 97214**
0.210 mi.
1110 ft. **Site 2 of 4 in cluster AH**

Relative: **Lower**
Actual: **66 ft.**

LUST:
Region: North Western Region
Facility ID: 26-15-1798
Cleanup Received Date: 12/31/2015
Cleanup Start Date: Not reported
Cleanup Complete Date: 02/10/2016
Decode for Region: North West Region

AI133 **HEATING OIL TANK** **OR LUST** **S105247420**
ENE **603 SE 16TH AVE** **N/A**
1/8-1/4 **PORTLAND, OR 97214**
0.211 mi.
1116 ft. **Site 1 of 5 in cluster AI**

Relative: **Higher**
Actual: **108 ft.**

LUST:
Region: North Western Region
Facility ID: 26-02-5252
Cleanup Received Date: 02/14/2002
Cleanup Start Date: 02/13/2002
Cleanup Complete Date: 05/20/2002
Decode for Region: North West Region

AJ134 **CARSON OIL - SE 8TH AVE.** **OR ECSI** **U000432674**
SW **1208 SE 8TH AVE.** **OR LUST** **N/A**
1/8-1/4 **PORTLAND, OR 97214** **OR UIC**
0.213 mi.
1122 ft. **Site 1 of 2 in cluster AJ**

Relative:
Lower

Actual:
42 ft.

ECSI:

State ID Number:	367
Brown ID:	0
Study Area:	False
Region ID:	2
Legislatve ID:	0
Investigation:	No Further Action
FACA ID:	8991
Further Action:	0
Lat/Long (dms):	45 30 51.00 / -122 39 27.00
County Code:	26.00
Score Value:	Not reported
Cerclis ID:	Not reported
Township Coord.:	1.00
Township Zone:	S
Range Coord:	1.00
Range Zone:	E
Section Coord:	2
Qtr Section:	Not reported
Tax Lots:	Not reported
Size:	Not reported
NPL:	False
Orphan:	False
Updated By:	GWISTAR
Update Date:	02/25/2009
Created Date:	09/13/1988
Decode For RegionID:	Northwest Region
Decode For BrownID:	Not reported
Decode For Furtheract:	Not reported
Decode For Investstat:	No Further Action
Decode For Legislative:	Not reported

Hazardous Release:

Substance ID.:	121982
Haz Release ID:	384793
Qty Released:	approx. 500 gallons released
Date Released:	October 1990
Update Date:	04/18/1995
Update By:	Not reported
Substance Code:	ECD169
Substance Name:	DIESEL - FUEL OIL
Substance Abbrev.:	Not reported
Substance Category ID:	8529
Substance Category:	Petroleum Related Releases for OSPIRG Report
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Substance Category ID:	8529
Substance Category:	Petroleum Related Releases for OSPIRG Report
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Sampling Result ID:	343345
Feature Id:	Not reported

CARSON OIL - SE 8TH AVE. (Continued) **U000432674**

Hazard Release Id: 384793
Medium: 698
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: False
Sample Depth: Not reported
Start Date: Not reported
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: Unknown
Last Update By: jmd
Update Date: 04/18/1995
Decode for MediumID: Groundwater
Sampling Result ID: 343346
Feature Id: Not reported
Hazard Release Id: 384793
Medium: 703
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: False
Sample Depth: Not reported
Start Date: Not reported
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: Unknown
Last Update By: jmd
Update Date: 04/18/1995
Decode for MediumID: Soil

Substance ID.: 121983
Haz Release ID: 383822
Qty Released: approx 2000 gallons
Date Released: approx 11-24-87
Update Date: 09/13/1988
Update By: Not reported
Substance Code: ECD173
Substance Name: GASOLINE
Substance Abbrev.: Not reported
Substance Category ID: 8530
Substance Category: Petroleum Related Releases for OSPIRG Report
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8530
Substance Category: Petroleum Related Releases for OSPIRG Report
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Comment ID: 303979
Release Code: Data Sources
Release Comments: NWR Spill Report 11-30-87

CARSON OIL - SE 8TH AVE. (Continued) **U000432674**

Decode for Relcomcd: Data Sources
Sampling Result ID: 345139
Feature Id: Not reported
Hazard Release Id: 383822
Medium: 703
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: False
Sample Depth: Not reported
Start Date: Not reported
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: Unknown
Last Update By: CONV
Update Date: 09/13/1994
Decode for MediumID: Soil
Sampling Result ID: 346213
Feature Id: Not reported
Hazard Release Id: 383822
Medium: 698
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: False
Sample Depth: Not reported
Start Date: Not reported
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: Unknown
Last Update By: CONV
Update Date: 09/13/1994
Decode for MediumID: Groundwater

Narrative:
NARR ID: 5729002
NARR Code: Contamination
Created By: Not reported
Created Date: 12/17/2002
Updated By: GWISTAR
Updated Date: 05/20/2003
Decode for NarcdID: Contamination
NARR Comments: A broken underground fuel line from an underground storage tank was believed to have caused the loss of approx 2000 gallons of gasoline. The leak was believed to have started on 11-24-87 and was noticed on 11-30-87. In October 1990 a diesel fuel line on another part of the site was severed, causing the release of 500 gallons. Subsequent investigation under DEQ LUST oversight (file #26-90-0440) resulted in discovery of significant hydrocarbon contamination of both soil and groundwater on-site.

NARR ID: 5729003
NARR Code: Data Sources
Created By: Not reported

CARSON OIL - SE 8TH AVE. (Continued) **U000432674**

Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Data Sources
NARR Comments: Correspondence from owner and/or operator; Spill report NWR 11/30/87; LUST file #26-90-440 (all located in DEQ NWR).

NARR ID: 5729266
NARR Code: Hazardous Substance/Waste Types
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Hazardous Substance/Waste Types
NARR Comments: gasoline, diesel

NARR ID: 5729325
NARR Code: Manner of Release
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Manner of Release
NARR Comments: Leak from underground tank fuel line on approx 11/24/87.

NARR ID: 5729326
NARR Code: Pathways Other Hazards
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Pathways & Other Hazards
NARR Comments: Soil and groundwater contamination w/gasoline and soluble components.

NARR ID: 5729327
NARR Code: Remedial Action
Created By: Not reported
Created Date: 12/17/2002
Updated By: GWISTAR
Updated Date: 05/20/2003
Decode for NarcdID: Remedial Action
NARR Comments: Following the 1987 gasoline release, tanks and lines were allegedly excavated, and the site remediated by Crowley and NW Pump. Contaminated soil was removed and gasoline contaminated groundwater was pumped out of a sump. It's not clear whether a cleanup report was ever submitted. Soon after the 1990 diesel release, Carson initiated soil excavation, which led to the discovery of additional contamination beyond the area of the diesel spill. Borings installed to define the extent of hydrocarbons in soil encountered contaminated groundwater. Following the placement of monitoring and extraction wells, a groundwater pump-and-treat system operated between 1992 and 1994. Progress reports on this remediation program have been sent to the NWR LUST program, and filed in LUST #26-90-0440. Hydrocarbon contamination appears to have originated from underground tank systems, and it is therefore appropriate that the LUST section continue to track remediation and monitoring activities at the site. Site Assessment recommends referral of the site to NWR/LUST. (3/3/99

CARSON OIL - SE 8TH AVE. (Continued) **U000432674**

GMW/SAS) NWR UST Section issued NFA 1/96.

Administrative Action:
Action ID: 9443
Region: Northwestern Region
Complete Date: 01/02/1996
Rank Value: Not reported
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: NO FURTHER STATE ACTION REQUIRED
Further Action: 0
Comments: Not reported

Action ID: 9477
Region: Northwestern Region
Complete Date: Not reported
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Refer to LUST Program
Further Action: Not reported
Comments: Not reported

Action ID: 9425
Region: Northwestern Region
Complete Date: 02/22/1995
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: SITE EVALUATION
Further Action: Not reported
Comments: Not reported

Action ID: 9424
Region: Not reported
Complete Date: Not reported
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Administrative Action
Action Code Flag: False
Action: Site added to database
Further Action: Not reported
Comments: Not reported

CARSON OIL - SE 8TH AVE. (Continued) **U000432674**

Action ID: 9508
Region: Not reported
Complete Date: 02/12/1994
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Remedial Action
Action Code Flag: False
Action: Site Screening recommended (EV)
Further Action: Not reported
Comments: Not reported

Operations:
Operation Id: 131787
Operation Status: Active
Common Name: Carson Oil - 8th AVE
Yrs of Operation: Not reported
Comments: Gasoline or bulk fuel station
Updated Date: 03/16/1995
Updated By: jxh
Decode for OpstatID: Active
Operations SIC Id: 195325
SIC Code: 5171
Created By: Not reported
Created Date: 12/17/2002

LUST:
Region: North Western Region
Facility ID: 26-14-0533
Cleanup Received Date: 05/07/2014
Cleanup Start Date: 05/07/2014
Cleanup Complete Date: 01/12/2015
Decode for Region: North West Region

OR UIC:
UIC Well #: 1
Type: 5X28
Type Description: Motor Vehicle Waste Disposal Wells
Status: Abandoned w/o Authority
UIC Number: 10114
Facility Status: Abandoned
Lat/Long: 45.514099 / -122.6572

UIC Well #: 2
Type: 5X26
Type Description: Aquifer Remediation Related
Status: Abandoned w/o Authority
UIC Number: 10114
Facility Status: Abandoned
Lat/Long: 45.514099 / -122.6572

AJ135 **CARSON OIL CO INC** **OR LUST** **U003998842**
SW **1208 SE 8TH AVE** **OR UST** **N/A**
1/8-1/4 **PORTLAND, OR 97232**
0.213 mi.
1122 ft. **Site 2 of 2 in cluster AJ**

Relative:
Lower

Actual:
42 ft.

LUST:

Region:	North Western Region
Facility ID:	26-90-0440
Cleanup Received Date:	11/14/1990
Cleanup Start Date:	11/07/1990
Cleanup Complete Date:	**01/02/1996**
Decode for Region:	**North West Region**

UST:

Facility ID:	3475
Facility Telephone:	(503) 224-8500
Permittee Name:	Marti Sharp
Number of Permitted Tanks:	Not reported
Active Tanks:	Not reported
Decommissioned Tanks:	12
Number of Tanks:	12

AK136 **HEATING OIL TANK** **OR LUST** **S117565657**
NE **1421 SE STARK ST** **N/A**
1/8-1/4 **PORTLAND, OR 97214**
0.214 mi.
1131 ft. **Site 1 of 2 in cluster AK**

Relative:
Higher

Actual:
102 ft.

LUST:

Region:	North Western Region
Facility ID:	26-14-1518
Cleanup Received Date:	11/05/2014
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**02/09/2015**
Decode for Region:	**North West Region**

AL137 **HEATING OIL TANK** **OR LUST** **S103422383**
East **824 SE 16TH** **N/A**
1/8-1/4 **PORTLAND, OR 97214**
0.215 mi.
1133 ft. **Site 1 of 3 in cluster AL**

Relative:
Higher

Actual:
106 ft.

LUST:

Region:	North Western Region
Facility ID:	26-98-0890
Cleanup Received Date:	10/21/1998
Cleanup Start Date:	10/21/1998
Cleanup Complete Date:	**08/15/2001**
Decode for Region:	**North West Region**

AA138
SE
1/8-1/4
0.215 mi.
1137 ft.

HEATING OIL TANK
1507 SE SALMON STREET
PORTLAND, OR 97214

Site 4 of 4 in cluster AA

OR LUST **S105711247**
N/A

Relative:
Higher

Actual:
74 ft.

LUST:

Region:	North Western Region
Facility ID:	26-02-1278
Cleanup Received Date:	11/06/2002
Cleanup Start Date:	11/07/2002
Cleanup Complete Date:	**06/10/2003**
Decode for Region:	**North West Region**

139
NNW
1/8-1/4
0.219 mi.
1155 ft.

PIERRE'S FRENCH BAKERY
1011 SE OAK ST
PORTLAND, OR 97214

OR LUST **U004015154**
OR UST **N/A**

Relative:
Higher

Actual:
84 ft.

LUST:

Region:	North Western Region
Facility ID:	26-90-0453
Cleanup Received Date:	11/08/1990
Cleanup Start Date:	11/03/1990
Cleanup Complete Date:	**06/24/1996**
Decode for Region:	**North West Region**

UST:

Facility ID:	7661
Facility Telephone:	(503)233-8871
Permittee Name:	DEAN CHIOTTI, P M
Number of Permitted Tanks:	Not reported
Active Tanks:	Not reported
Decommissioned Tanks:	3
Number of Tanks:	3

AH140
NW
1/8-1/4
0.219 mi.
1156 ft.

HEATING OIL TANK
820 SE SANDY BLVD
PORTLAND, OR 97214

Site 3 of 4 in cluster AH

OR LUST **S105463808**
N/A

Relative:
Lower

Actual:
65 ft.

LUST:

Region:	North Western Region
Facility ID:	26-02-5648
Cleanup Received Date:	04/15/2002
Cleanup Start Date:	04/12/2002
Cleanup Complete Date:	**06/17/2002**
Decode for Region:	**North West Region**

X141
SSE
1/8-1/4
0.221 mi.
1169 ft.

HEATING OIL TANK
1306 SE MAIN ST
PORTLAND, OR 97214

Site 2 of 2 in cluster X

OR LUST **S107844912**
N/A

Relative:
Lower

Actual:
56 ft.

LUST:

Region:	North Western Region
Facility ID:	26-06-0137
Cleanup Received Date:	01/23/2006
Cleanup Start Date:	01/26/2006
Cleanup Complete Date:	**03/30/2006**
Decode for Region:	**North West Region**

AH142
NNW
1/8-1/4
0.223 mi.
1177 ft.

HEATING OIL TANK
834 SE SANDY BLVD
PORTLAND, OR 97214

Site 4 of 4 in cluster AH

OR LUST **S121449837**
N/A

Relative:
Lower

Actual:
68 ft.

LUST:

Region:	North Western Region
Facility ID:	26-17-1341
Cleanup Received Date:	11/14/2017
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**12/01/2017**
Decode for Region:	**North West Region**

AM143
SSE
1/8-1/4
0.224 mi.
1182 ft.

HEATING OIL TANK
1304 SE MAIN ST
PORTLAND, OR 97214

Site 1 of 3 in cluster AM

OR LUST **S107845084**
N/A

Relative:
Lower

Actual:
56 ft.

LUST:

Region:	North Western Region
Facility ID:	26-06-0081
Cleanup Received Date:	01/11/2006
Cleanup Start Date:	01/13/2006
Cleanup Complete Date:	**04/04/2006**
Decode for Region:	**North West Region**

AK144
NNE
1/8-1/4
0.224 mi.
1182 ft.

HEATING OIL TANK
1400 SE OAK
PORTLAND, OR 97214

Site 2 of 2 in cluster AK

OR LUST **S105463799**
N/A

Relative:
Higher

Actual:
102 ft.

LUST:

Region:	North Western Region
Facility ID:	26-02-0087
Cleanup Received Date:	06/07/2002
Cleanup Start Date:	06/05/2002
Cleanup Complete Date:	**10/16/2002**
Decode for Region:	**North West Region**

AG145 **7TH & ALDER CARDLOCK** **OR LUST** **U004015141**
WNW **635 SE 7TH** **OR UST** **N/A**
1/8-1/4 **PORTLAND, OR 97214** **OR HSIS**
0.225 mi.
1189 ft. **Site 2 of 4 in cluster AG**

Relative:
Lower

Actual:
42 ft.

LUST:

Region:	North Western Region
Facility ID:	26-06-0758
Cleanup Received Date:	05/02/2006
Cleanup Start Date:	05/02/2006
Cleanup Complete Date:	**08/25/2011**
Decode for Region:	**North West Region**

Region:	North Western Region
Facility ID:	26-97-0521
Cleanup Received Date:	07/11/1997
Cleanup Start Date:	08/21/1997
Cleanup Complete Date:	**06/04/1999**
Decode for Region:	**North West Region**

UST:

Facility ID:	171
Facility Telephone:	(253) 867-3227
Permittee Name:	Selim Abounader
Number of Permitted Tanks:	4
Active Tanks:	4
Decommissioned Tanks:	3
Number of Tanks:	7

HSIS:

Facility ID:	043976
Department Or Division Of Company:	7TH & ALDER CARDLOCK
Extremely Hazardous Substance:	N
Facility Has Written Emergency Plan:	N
Contains 112R:	N
NAICS Code 1:	424710
NAICS Desc 1:	PETROLEUM BULK STATIONS & TERMINALS
NAICS Code 2:	000000
NAICS Desc 2:	Not reported
Manager Name:	AARON REDING
Business Phone:	8003673835
Mailing Address:	PO BOX 40
Mailing City:	KENT
Mailing State:	WA
Mailing Zip:	980350040
No. of Employees:	0
Day Phone:	5037800052
Placard:	N
Fire Dept Code:	0291
FD:	PORTLAND FIRE & RESCUE
Sprinkler System:	N
Emergency Contact:	CHRIS HETZER
Emergency Procedure:	EQUIP ROOM
Business Type:	UNATTENDED CARDLOCK
Facility Type:	Not reported
Division/Department:	Not reported
Facility Status:	Not reported

7TH & ALDER CARDLOCK (Continued) **U004015141**

Status TRI:	Not reported
Status RMP:	Not reported
Status PSM:	Not reported
Status CR2K:	Not reported
Status 302:	Not reported
Owner Name:	Not reported
Latest Report ID:	Not reported
Case Number:	Not reported
Chemical Name:	Not reported
EHS Name:	Not reported
Is Pure:	Not reported
Is Mix:	Not reported
Is EHS:	Not reported
Mixture Component:	Not reported
Maximum DailyAmount Code:	Not reported
Maximum DailyAmount Unit:	Not reported
Chemical Added Date:	Not reported
Is ChemPSM:	Not reported
Is Chem112r:	Not reported
Is Chem302:	Not reported
Is Pesticide:	Not reported
Is Fertilizer:	Not reported
Physical State:	Not reported
UNNA Number:	Not reported
NFPA Health:	Not reported
NFPA Flammability:	Not reported
NFPA Reactivity:	Not reported
NFPA Special Notice:	Not reported
Hazards:	Not reported
No# of Days Onsite:	Not reported
Latitude:	Not reported
Longitude:	Not reported

Facility:

Chemical Name:	GASOLINE
Physical Description:	LIQUID
Case Number:	8006619
Facility Id:	043976
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	30
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	B
Description:	UNDERGROUND TANK
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999

7TH & ALDER CARDLOCK (Continued) **U004015141**

Description Of The Avg Qnty Code:	10,000-49,999
Most Hazardous Ingridient:	PETROLEUM DISTILLATES
United Nations/north America 4 Digit Class Number:	1203
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	6.4

Chemical:

Chemical Name:	GASOLINE
United Nations/north America 4 Digit Class Number:	1203
Chemical Abstract Service Identifier Number:	8006619
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Y
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	DIESEL FUEL
Physical Description:	LIQUID
Case Number:	0068334305
Facility Id:	043976
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	B
Description:	UNDERGROUND TANK
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999

7TH & ALDER CARDLOCK (Continued) **U004015141**

Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	petroleum products, diesel oil
United Nations/north America 4 Digit Class Number:	1993
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	DIESEL FUEL
United Nations/north America 4 Digit Class Number:	1993
Chemical Abstract Service Identifier Number:	0068334305
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Facility ID:	043976
Department Or Division Of Company:	Not reported
Extremely Hazardous Substance:	Not reported
Facility Has Written Emergency Plan:	Not reported
Contains 112R:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
Manager Name:	Not reported
Business Phone:	Not reported
Mailing Address:	Not reported
Mailing City:	Not reported
Mailing State:	Not reported
Mailing Zip:	Not reported
No. of Employees:	Not reported
Day Phone:	Not reported
Placard:	Not reported
Fire Dept Code:	Not reported
FD:	PORTLAND FIRE & RESCUE
Sprinkler System:	Not reported
Emergency Contact:	Not reported
Emergency Procedure:	Not reported

7TH & ALDER CARDLOCK (Continued) **U004015141**

Business Type:	Not reported
Facility Type:	Private
Division/Department:	Portland 7th Ave
Facility Status:	ACTIVE
Status TRI:	Active
Status RMP:	Active
Status PSM:	Active
Status CR2K:	Inactive
Status 302:	Active
Owner Name:	Aaron Reding
Latest Report ID:	25936
Case Number:	86290815
Chemical Name:	GASOLINE UNLEADED WITH ETHANOL (ALL GRADES) (GASOHOL)
EHS Name:	Not reported
Is Pure:	Yes
Is Mix:	No
Is EHS:	Not reported
Mixture Component:	Not reported
Maximum DailyAmount Code:	30
Maximum DailyAmount Unit:	gal
Chemical Added Date:	04/11/2017
Is ChemPSM:	No
Is Chem112r:	No
Is Chem302:	No
Is Pesticide:	No
Is Fertilizer:	No
Physical State:	Liquid
UNNA Number:	1203
NFPA Health:	1
NFPA Flammability:	3
NFPA Reactivity:	0
NFPA Special Notice:	N/A
Hazards:	Health Acute, Health Aspiration, Health Carcinogenicity, Health SkinCorrosion, Health SpecificOrganToxicity, Physical Combustive
No# of Days Onsite:	365
Latitude:	45.5182
Longitude:	-122.659

Facility:

Chemical Name:	GASOLINE
Physical Description:	LIQUID
Case Number:	8006619
Facility Id:	043976
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	30
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	B
Description:	UNDERGROUND TANK
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4

7TH & ALDER CARDLOCK (Continued) **U004015141**

Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	10,000-49,999
Most Hazardous Ingridient:	PETROLEUM DISTILLATES
United Nations/north America 4 Digit Class Number:	1203
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	6.4

Chemical:

Chemical Name:	GASOLINE
United Nations/north America 4 Digit Class Number:	1203
Chemical Abstract Service Identifier Number:	8006619
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Y
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	DIESEL FUEL
Physical Description:	LIQUID
Case Number:	0068334305
Facility Id:	043976
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	B
Description:	UNDERGROUND TANK
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4

7TH & ALDER CARDLOCK (Continued) **U004015141**

Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	petroleum products, diesel oil
United Nations/north America 4 Digit Class Number:	1993
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	DIESEL FUEL
United Nations/north America 4 Digit Class Number:	1993
Chemical Abstract Service Identifier Number:	0068334305
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Facility ID:	043976
Department Or Division Of Company:	Not reported
Extremely Hazardous Substance:	Not reported
Facility Has Written Emergency Plan:	Not reported
Contains 112R:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
Manager Name:	Not reported
Business Phone:	Not reported
Mailing Address:	Not reported
Mailing City:	Not reported
Mailing State:	Not reported
Mailing Zip:	Not reported
No. of Employees:	Not reported
Day Phone:	Not reported
Placard:	Not reported

7TH & ALDER CARDLOCK (Continued) **U004015141**

Fire Dept Code:	Not reported
FD:	PORTLAND FIRE & RESCUE
Sprinkler System:	Not reported
Emergency Contact:	Not reported
Emergency Procedure:	Not reported
Business Type:	Not reported
Facility Type:	Private
Division/Department:	Portland 7th Ave
Facility Status:	ACTIVE
Status TRI:	Active
Status RMP:	Active
Status PSM:	Active
Status CR2K:	Inactive
Status 302:	Active
Owner Name:	Aaron Reding
Latest Report ID:	25936
Case Number:	68476346
Chemical Name:	BIODIESEL B5
EHS Name:	Not reported
Is Pure:	Yes
Is Mix:	No
Is EHS:	Not reported
Mixture Component:	Not reported
Maximum DailyAmount Code:	30
Maximum DailyAmount Unit:	gal
Chemical Added Date:	04/11/2017
Is ChemPSM:	No
Is Chem112r:	No
Is Chem302:	No
Is Pesticide:	No
Is Fertilizer:	No
Physical State:	Liquid
UNNA Number:	1993
NFPA Health:	1
NFPA Flammability:	2
NFPA Reactivity:	0
NFPA Special Notice:	N/A
Hazards:	Health HNOC, Physical HNOC
No# of Days Onsite:	365
Latitude:	45.5182
Longitude:	-122.659

Facility:

Chemical Name:	GASOLINE
Physical Description:	LIQUID
Case Number:	8006619
Facility Id:	043976
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	30
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	B
Description:	UNDERGROUND TANK
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE

7TH & ALDER CARDLOCK (Continued) **U004015141**

Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	10,000-49,999
Most Hazardous Ingridient:	PETROLEUM DISTILLATES
United Nations/north America 4 Digit Class Number:	1203
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	6.4

Chemical:

Chemical Name:	GASOLINE
United Nations/north America 4 Digit Class Number:	1203
Chemical Abstract Service Identifier Number:	8006619
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Y
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	DIESEL FUEL
Physical Description:	LIQUID
Case Number:	0068334305
Facility Id:	043976
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	B
Description:	UNDERGROUND TANK
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE

7TH & ALDER CARDLOCK (Continued) **U004015141**

Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	petroleum products, diesel oil
United Nations/north America 4 Digit Class Number:	1993
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	DIESEL FUEL
United Nations/north America 4 Digit Class Number:	1993
Chemical Abstract Service Identifier Number:	0068334305
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

AM146 **HEATING OIL TANK** **OR LUST** **S107845088**
SSE **1315 SE 13TH AVE UNIT 2** **N/A**
1/8-1/4 **PORTLAND, OR 97214**
0.226 mi.
1194 ft. **Site 2 of 3 in cluster AM**

Relative: **Lower**

Actual: **53 ft.**

LUST:

Region:	North Western Region
Facility ID:	26-06-0360
Cleanup Received Date:	03/02/2006
Cleanup Start Date:	03/02/2006
Cleanup Complete Date:	**03/28/2007**
Decode for Region:	**North West Region**

AM147 **HEATING OIL TANK** **OR LUST** **S121449872**
SSE **1314 SE MAIN ST** **N/A**
1/8-1/4 **PORTLAND, OR 97214**
0.227 mi.
1197 ft. **Site 3 of 3 in cluster AM**

Relative: **Lower**
Actual: **57 ft.**

LUST:
Region: North Western Region
Facility ID: 26-17-1398
Cleanup Received Date: 12/05/2017
Cleanup Start Date: Not reported
Cleanup Complete Date: 05/08/2018
Decode for Region: North West Region

AI148 **HEATING OIL TANK** **OR LUST** **S107596015**
NE **525 SE 16TH AVE** **N/A**
1/8-1/4 **PORTLAND, OR 97214**
0.227 mi.
1200 ft. **Site 2 of 5 in cluster AI**

Relative: **Higher**
Actual: **106 ft.**

LUST:
Region: North Western Region
Facility ID: 26-05-2410
Cleanup Received Date: 11/14/2005
Cleanup Start Date: 11/16/2005
Cleanup Complete Date: Not reported
Decode for Region: North West Region

AD149 **HEATING OIL TANK** **OR LUST** **S105711211**
WSW **630 SE YAMHILL STREET** **N/A**
1/8-1/4 **PORTLAND, OR 97214**
0.228 mi.
1202 ft. **Site 2 of 2 in cluster AD**

Relative: **Lower**
Actual: **49 ft.**

LUST:
Region: North Western Region
Facility ID: 26-02-1224
Cleanup Received Date: 10/25/2002
Cleanup Start Date: 11/05/2002
Cleanup Complete Date: 01/14/2003
Decode for Region: North West Region

AN150 **HEATING OIL TANK** **OR LUST** **S102417469**
ESE **1024 SE 16TH** **N/A**
1/8-1/4 **PORTLAND, OR 97214**
0.229 mi.
1209 ft. **Site 1 of 2 in cluster AN**

Relative: **Higher**
Actual: **91 ft.**

LUST:
Region: North Western Region
Facility ID: 26-95-0338
Cleanup Received Date: 12/14/1995
Cleanup Start Date: 12/14/1995
Cleanup Complete Date: 10/17/2005
Decode for Region: North West Region

AF151 **HEATING OIL TANK** **OR LUST** **S117365287**
SW **811 SE MAIN ST** **N/A**
1/8-1/4 **PORTLAND, OR 97214**
0.229 mi.
1211 ft. **Site 2 of 2 in cluster AF**

Relative: **Lower**
Actual: **43 ft.**

LUST:
Region: North Western Region
Facility ID: 26-14-0889
Cleanup Received Date: 07/09/2014
Cleanup Start Date: Not reported
Cleanup Complete Date: 08/04/2014
Decode for Region: North West Region

AC152 **PORTLAND COMPRESSOR INC** **RCRA-CESQG** **1004771396**
North **310 SE 12TH AVE** **FINDS** **ORQ000007518**
1/8-1/4 **PORTLAND, OR 97214** **ECHO**
0.230 mi.
1214 ft. **Site 2 of 2 in cluster AC**

Relative: **Higher**
Actual: **96 ft.**

RCRA-CESQG:
Date form received by agency: 12/31/2003
Facility name: PORTLAND COMPRESSOR INC
Facility address: 310 SE 12TH AVE
PORTLAND, OR 97214
EPA ID: ORQ000007518
Contact: ROBERT WILSON
Contact address: 310 SE 12TH AVE
PORTLAND, OR 97214
Contact country: US
Contact telephone: 503-235-0200
Contact email: Not reported
EPA Region: 10
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:
Owner/operator name: PORTLAND COMPRESSOR INC.
Owner/operator address: 310 SE 12TH AVE
PORTLAND, OR 97214
Owner/operator country: US
Owner/operator telephone: 503-235-0200
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private

PORTLAND COMPRESSOR INC (Continued) **1004771396**

Owner/Operator Type: Owner
Owner/Op start date: 10/24/1997
Owner/Op end date: Not reported

Owner/operator name: PORTLAND COMPRESSOR INC.
Owner/operator address: 310 SE 12TH AVE
PORTLAND, OR 97214
Owner/operator country: US
Owner/operator telephone: 503-235-0200
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 10/24/1997
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: NA
. Waste name: NA

Historical Generators:
Date form received by agency: 01/14/2003
Site name: PORTLAND COMPRESSOR INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 02/21/2002
Site name: PORTLAND COMPRESSOR INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/10/2001
Site name: PORTLAND COMPRESSOR INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/10/2000
Site name: PORTLAND COMPRESSOR INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/27/1999
Site name: PORTLAND COMPRESSOR INC

PORTLAND COMPRESSOR INC (Continued) **1004771396**

Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/22/1998
Site name: PORTLAND COMPRESSOR INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 10/24/1997
Site name: PORTLAND COMPRESSOR INC
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: NONE
. Waste name: None

Violation Status: No violations found

FINDS:

Registry ID: 110004814381

Environmental Interest/Information System

OR-DEQ (Oregon - Department Of Environmental Quality) is a regulatory agency whose job is to protect the quality of Oregon's Environment. DEQ uses a combination of technical assistance, inspections and permitting to help public and private facilities and citizens understand and comply with state and federal environmental regulations.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1004771396
Registry ID: 110004814381
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004814381

AI153 **HEATING OIL TANK** **OR LUST** **S104908006**
ENE **612 SE 16TH AVE** **N/A**
1/8-1/4 **PORTLAND, OR 97214**
0.231 mi.
1219 ft. **Site 3 of 5 in cluster AI**

Relative:
Higher

Actual:
113 ft.

LUST:
Region: North Western Region
Facility ID: 26-01-5283
Cleanup Received Date: 02/19/2001
Cleanup Start Date: 02/19/2001
Cleanup Complete Date: 06/11/2001
Decode for Region: North West Region

AO154 **HEATING OIL TANK** **OR LUST** **S119015365**
West **600 SE BELMONT ST #616** **N/A**
1/8-1/4 **PORTLAND, OR 97214**
0.237 mi.
1251 ft. **Site 1 of 2 in cluster AO**

Relative:
Lower

Actual:
48 ft.

LUST:

Region:	North Western Region
Facility ID:	26-16-0962
Cleanup Received Date:	07/27/2016
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**08/29/2016**
Decode for Region:	**North West Region**

AL155 **ACTION TECHNOLOGY SYSTEMS** **OR LUST** **U003378566**
East **835 SE 17TH AVENUE** **OR UST** **N/A**
1/8-1/4 **PORTLAND, OR 97214**
0.239 mi.
1261 ft. **Site 2 of 3 in cluster AL**

Relative:
Higher

Actual:
110 ft.

LUST:

Region:	North Western Region
Facility ID:	26-98-0158
Cleanup Received Date:	03/06/1998
Cleanup Start Date:	03/05/1998
Cleanup Complete Date:	**01/14/1999**
Decode for Region:	**North West Region**

UST:

Facility ID:	11853
Facility Telephone:	-503
Permittee Name:	Not reported
Number of Permitted Tanks:	Not reported
Active Tanks:	Not reported
Decommissioned Tanks:	1
Number of Tanks:	1

AG156 **SPIKES AUTO UPHOLSTERY BUILDING (FORMER)** **OR ECSI** **S110818318**
WNW **726 SE 6TH AVE.** **OR VCP** **N/A**
1/8-1/4 **PORTLAND, OR 97214**
0.241 mi.
1275 ft. **Site 3 of 4 in cluster AG**

Relative:
Lower

Actual:
44 ft.

ECSI:

State ID Number:	5554
Brown ID:	0
Study Area:	False
Region ID:	2
Legislatve ID:	831
Investigation:	No Further Action
FACA ID:	119471
Further Action:	0
Lat/Long (dms):	45 31 3.70 / -122 39 33.80
County Code:	26.00
Score Value:	Not reported
Cerclis ID:	Not reported
Township Coord.:	1.00
Township Zone:	S

SPIKES AUTO UPHOLSTERY BUILDING (FORMER) (Continued) **S110818318**

Range Coord:	1.00
Range Zone:	E
Section Coord:	2
Qtr Section:	BB
Tax Lots:	4600
Size:	0.22 acre
NPL:	False
Orphan:	False
Updated By:	KROBERT
Update Date:	01/04/2012
Created Date:	03/23/2011
Decode For RegionID:	Northwest Region
Decode For BrownID:	Not reported
Decode For Furtheract:	Not reported
Decode For Investstat:	No Further Action
Decode For Legislative:	Owner, operator or other party under agreement, order or consent decree under ORS 465.200 or 465.420

Narrative:

NARR ID:	5753752
NARR Code:	Contamination
Created By:	KROBERT
Created Date:	12/15/2011
Updated By:	KROBERT
Updated Date:	12/15/2011
Decode for NarcdID:	Contamination
NARR Comments:	(12/15/11 KJR/VCP) A Phase One Environmental Site Assessment (ESA) was completed for the site in January 2011. The single story commercial building was constructed in 1921. The building covers the entire property. Tenants of the building have included various vehicle repair businesses and is currently occupied by an auto body shop. The site is bounded by commercial or apartment properties with buildings dating back to 1908 to 1931. The recognized environmental conditions (RECs) identified during the Phase One ESA are summarized below. The property has been occupied by various vehicle repair businesses. These businesses generate various waste products. Two open floor drains were observed and videoed. The drains are connected to the municipal system but the connections may have been compromised. Another floor drain was filled by a previous tenant. A concrete patch in the north bay was noted and was reportedly a former pit for hydraulic lifts. The hydraulic lifts were removed in 1991. A photo finishing/graphic business was previously located on the property adjacent to and northeast of the site from 1970 to 2005. The site is located in the presumed down gradient direction from former photo finishing/graphic business property.

NARR ID:	5753753
NARR Code:	General Site Description
Created By:	KROBERT
Created Date:	12/15/2011
Updated By:	KROBERT
Updated Date:	12/15/2011
Decode for NarcdID:	General Site Description
NARR Comments:	The single story commercial building was constructed in 1921. The building covers the entire property. Tenants of the building have included various vehicle repair businesses and is currently occupied by an auto body shop. The site is bounded by commercial or apartment properties with buildings dating back to 1908 to 1931.

SPIKES AUTO UPHOLSTERY BUILDING (FORMER) (Continued) **S110818318**

NARR ID: 5753754
NARR Code: Hazardous Substance/Waste Types
Created By: KROBERT
Created Date: 12/15/2011
Updated By: KROBERT
Updated Date: 12/15/2011
Decode for NarcdID: Hazardous Substance/Waste Types
NARR Comments: arsenic, PCE

NARR ID: 5753755
NARR Code: Land Use (Current/Reasonably Likely)
Created By: KROBERT
Created Date: 12/15/2011
Updated By: KROBERT
Updated Date: 12/15/2011
Decode for NarcdID: Land Use (Current/Reasonably Likely)
NARR Comments: commerical

NARR ID: 5753756
NARR Code: Remedial Action
Created By: KROBERT
Created Date: 12/15/2011
Updated By: KROBERT
Updated Date: 01/04/2012
Decode for NarcdID: Remedial Action
NARR Comments: (12/15/11 KJR/VCP) A site investigation was performed in February 2011 to evaluate site conditions related to the RECs identified during the Phase One ESA. A geophysical survey was completed prior to subsurface explorations to identify the location of drain lines connecting the floor drains. Four soil borings were advanced to depths of 24 feet below ground surface (bgs) within the site building (see Figure 2). Groundwater was encountered between 18 feet and 18.5 feet bgs. Boring SB-1 was advanced in the west portion of the south service bay. Boring SB-2 was advanced adjacent to the floor drain located in the west portion of the south service bay. Boring SB-3 was advanced adjacent to a service pit located in the east portion of the north service bay. Boring SB-4 was advanced adjacent to the juncture of the drain lines from each of the floor drains observed within the building. One soil sample and one groundwater sample were collected from each of the four borings. The soil sample from boring SB-1 was collected at 16 feet bgs, near the soil/groundwater interface. The soil samples from borings SB-2, SB-3, and SB-4 were collected at depths of 8 feet, 10 feet, and 8 feet bgs, respectively. The samples were collected at depth to evaluate the drain lines and floor drains. All soil and groundwater samples were analyzed for hydrocarbon identification, volatile organic compounds (VOCs), and total RCRA eight metals. Concentrations of total petroleum hydrocarbons and VOCs were not detected in the four soil samples above the laboratory reporting limits. Concentrations of arsenic (5.9 milligrams per kilogram (mg/kg), 6.0 mg/kg), barium (160 mg/kg to 220 mg/kg), chromium (14 mg/kg to 25 mg/kg), and/or lead (11 mg/kg to 14 mg/kg) were detected in the soil samples. Concentrations of total petroleum hydrocarbons were not detected in any of the four groundwater samples. Concentrations of VOCs were not detected in the groundwater from boring SB-1. Concentrations of tetrachloroethene (PCE) were detected in groundwater samples from borings SB-2 (1.1 micrograms per liter (ug/l)), SB-3 (1.0 ug/l), and SB-4 (1.1 ug/l) at or just above

SPIKES AUTO UPHOLSTERY BUILDING (FORMER) (Continued) **S110818318**

the laboratory reporting limit of 1.0 ug/l. Concentrations of other VOCs were not detected in the four groundwater samples. Concentrations of the following total metals were detected in one or more groundwater samples: arsenic (4.3 ug/l, 5.7 ug/l), barium (290 ug/l to 870 ug/l), and lead (6.1 ug/l). (1/4/12 KJR/VCP) NFA issued for site on 1/4/12. no remedial actions required. Select site documents maybe viewed in the site documents section of this database.
Not reported

Administrative Action:
Action ID: 9424
Region: Not reported
Complete Date: 03/23/2011
Rank Value: Not reported
Cleanup Flag: False
Created Date: 03/23/2011
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Administrative Action
Action Code Flag: False
Action: Site added to database
Further Action: Not reported
Comments: Not reported

Action ID: 9519
Region: Northwestern Region
Complete Date: 11/21/2011
Rank Value: Not reported
Cleanup Flag: False
Created Date: 03/23/2011
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: VCS Waiting List
Further Action: 0
Comments: Not reported

Action ID: 9440
Region: Eastern Region
Complete Date: 12/05/2011
Rank Value: Not reported
Cleanup Flag: False
Created Date: 12/05/2011
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Eastern Region
Category: Remedial Action
Action Code Flag: False
Action: Letter Agreement
Further Action: 0
Comments: Not reported

Action ID: 9511
Region: Eastern Region
Complete Date: 02/08/2011
Rank Value: Not reported
Cleanup Flag: False
Created Date: 12/05/2011

SPIKES AUTO UPHOLSTERY BUILDING (FORMER) (Continued) **S110818318**

Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Eastern Region
Category: Remedial Action
Action Code Flag: False
Action: SITE INVESTIGATION
Further Action: 0
Comments: Not reported

Action ID: 9443
Region: Eastern Region
Complete Date: 01/04/2012
Rank Value: Not reported
Cleanup Flag: False
Created Date: 01/04/2012
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Eastern Region
Category: Remedial Action
Action Code Flag: False
Action: NO FURTHER STATE ACTION REQUIRED
Further Action: 0
Comments: Not reported

VCS:
ECS Site ID: 5554
Facility Size: 0.22 acre
Action: NO FURTHER STATE ACTION REQUIRED
Start Date: 01/04/2012
End Date: 01/04/2012
Facility Status: Completed
Program: VCP
Latitude: 45.5177
Longitude: -122.6594

AL157 **HEATING OIL TANK** **OR LUST** **S117365387**
East **1635 SE MORRISON STREET** **N/A**
1/8-1/4 **PORTLAND, OR 97214**
0.242 mi.
1276 ft. **Site 3 of 3 in cluster AL**

Relative:
Higher

Actual:
114 ft.

LUST:
Region: North Western Region
Facility ID: 26-14-1059
Cleanup Received Date: 08/06/2014
Cleanup Start Date: Not reported
Cleanup Complete Date: 10/20/2016
Decode for Region: North West Region

AO158 **STANDARD SUPPLY COMPANY** **OR UST** **U001330335**
WSW **934 SE 6TH AVE** **N/A**
1/8-1/4 **PORTLAND, OR 97214**
0.242 mi.
1280 ft. **Site 2 of 2 in cluster AO**

Relative: UST:
Lower
Actual: Facility ID: 5975
50 ft. Facility Telephone: (503) 235-5721
Permittee Name: ROBERT J. BREITBARTH, PRESIDENT
Number of Permitted Tanks: Not reported
Active Tanks: Not reported
Decommissioned Tanks: 1
Number of Tanks: 1

AP159 **HEATING OIL TANK** **OR LUST** **S106777510**
ENE **713-717 SE 17TH AVENUE** **N/A**
1/8-1/4 **PORTLAND, OR 97214**
0.243 mi.
1283 ft. **Site 1 of 3 in cluster AP**

Relative: LUST:
Higher
Actual: Region: North Western Region
115 ft. Facility ID: 26-04-2225
Cleanup Received Date: 11/03/2004
Cleanup Start Date: 11/04/2004
Cleanup Complete Date: 03/15/2005
Decode for Region: North West Region

AG160 **DAVID EMMITE PHOTOGRAPHY** **RCRA NonGen / NLR** **1005417918**
WNW **615 SE ALDER STE 300** **FINDS** **ORQ000017525**
1/8-1/4 **PORTLAND, OR 97214** **ECHO**
0.243 mi.
1284 ft. **Site 4 of 4 in cluster AG**

Relative: RCRA NonGen / NLR:
Lower Date form received by agency: 03/22/2002
Actual: Facility name: DAVID EMMITE PHOTOGRAPHY
43 ft. Facility address: 615 SE ALDER STE 300
MELODY BALLROOM
PORTLAND, OR 97214
EPA ID: ORQ000017525
Mailing address: 615 SE ALDER ST STE 300
PORTLAND, OR 97214
Contact: AMY DELTS
Contact address: 615 SE ALDER ST STE 300
PORTLAND, OR 97214
Contact country: US
Contact telephone: 503-239-5135
Contact email: Not reported
EPA Region: 10
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: DAVID EMMITE
Owner/operator address: 615 SE ALDER ST STE 300
PORTLAND, OR 97214

DAVID EMMITE PHOTOGRAPHY (Continued) **1005417918**

Owner/operator country: US
Owner/operator telephone: 503-239-5135
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 03/22/2002
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 04/09/2001
Site name: DAVID EMMITE PHOTOGRAPHY
Classification: Not a generator, verified

Violation Status: No violations found

FINDS:

Registry ID: 110012259037

Environmental Interest/Information System

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Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

DAVID EMMITE PHOTOGRAPHY (Continued) **1005417918**

ECHO:
Envid: 1005417918
Registry ID: 110012259037
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110012259037

AQ161 **HEATING OIL TANK** **OR LUST** **S121449889**
SSE **1414 SE MAIN ST** **N/A**
1/8-1/4 **PORTLAND, OR 97214**
0.247 mi.
1306 ft. **Site 1 of 3 in cluster AQ**

Relative: **Lower**
Actual: **63 ft.**

LUST:
Region: North Western Region
Facility ID: 26-17-1424
Cleanup Received Date: 12/11/2017
Cleanup Start Date: Not reported
Cleanup Complete Date: Not reported
Decode for Region: North West Region

AI162 **HEATING OIL TANK** **OR LUST** **S105154243**
ENE **524 SE 16TH** **N/A**
1/8-1/4 **PORTLAND, OR 97214**
0.249 mi.
1316 ft. **Site 4 of 5 in cluster AI**

Relative: **Higher**
Actual: **111 ft.**

LUST:
Region: North Western Region
Facility ID: 26-01-6970
Cleanup Received Date: 09/12/2001
Cleanup Start Date: 09/13/2001
Cleanup Complete Date: 09/17/2002
Decode for Region: North West Region

---

163 **HEATING OIL TANK** **OR LUST** **S104658644**
ESE **1126 SE 16TH AVE** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.252 mi.
1329 ft.

Relative: **Higher**
Actual: **85 ft.**

LUST:
Region: North Western Region
Facility ID: 26-00-5563
Cleanup Received Date: 08/14/2000
Cleanup Start Date: 07/27/2000
Cleanup Complete Date: 11/02/2000
Decode for Region: North West Region

AR164 **CUSTOM STAMPING SITE (FORMER)** **OR ECSI** **S118869409**
SSW **1340 SE 9TH AVE.** **OR LUST** **N/A**
1/4-1/2 **PORTLAND, OR 97214** **OR VCP**
0.253 mi.
1338 ft. **Site 1 of 2 in cluster AR**

Relative:
Lower

Actual:
43 ft.

ECSI:

State ID Number:	6166
Brown ID:	0
Study Area:	False
Region ID:	2
Legislatve ID:	0
Investigation:	Suspect
FACA ID:	896
Further Action:	0
Lat/Long (dms):	45 30 47.50 / -122 39 22.00
County Code:	26.00
Score Value:	Not reported
Cerclis ID:	Not reported
Township Coord.:	1.00
Township Zone:	S
Range Coord:	1.00
Range Zone:	E
Section Coord:	2
Qtr Section:	BD
Tax Lots:	6500 & 6800-7300
Size:	2.07 acres
NPL:	False
Orphan:	False
Updated By:	GWISTAR
Update Date:	12/22/2016
Created Date:	12/22/2016
Decode For RegionID:	Northwest Region
Decode For BrownID:	Not reported
Decode For Furtheract:	Not reported
Decode For Investstat:	Suspect
Decode For Legislative:	Not reported
Alias Name:	Custom Stamp & Mfg. Co.

Narrative:

NARR ID:	5756526
NARR Code:	Data Sources
Created By:	KDANA
Created Date:	12/22/2016
Updated By:	KDANA
Updated Date:	12/22/2016
Decode for NarcdID:	Data Sources
NARR Comments:	1) GeoDesign <quot>Environmental Services Report<quot> [August 26, 2016]. 2) LUST #26-16-0783.

NARR ID:	5756525
NARR Code:	General Site Description
Created By:	KDANA
Created Date:	12/22/2016
Updated By:	KDANA
Updated Date:	12/22/2016
Decode for NarcdID:	General Site Description
NARR Comments:	The site covers 2.25 city blocks in SE Portland, including: The entire block bounded by Main/Madison/9th/10th; All but the northwest quarter of the block bounded by Salmon/Main/9th/10th; The west half

CUSTOM STAMPING SITE (FORMER) (Continued) **S118869409**

of the block bounded by Main/Madison/10th/11th.

Administrative Action:

Action ID:	9424
Region:	Not reported
Complete Date:	12/22/2016
Rank Value:	Not reported
Cleanup Flag:	False
Created Date:	12/22/2016
Decode for AgencyID:	Department of Environmental Quality
Decode for RegionID:	Not reported
Category:	Administrative Action
Action Code Flag:	False
Action:	Site added to database
Further Action:	Not reported
Comments:	Not reported

Action ID:	9519
Region:	Northwestern Region
Complete Date:	03/30/2017
Rank Value:	Not reported
Cleanup Flag:	False
Created Date:	12/22/2016
Decode for AgencyID:	Department of Environmental Quality
Decode for RegionID:	Northwest Region
Category:	Remedial Action
Action Code Flag:	False
Action:	VCS Waiting List
Further Action:	0
Comments:	Not reported

Action ID:	9425
Region:	Northwestern Region
Complete Date:	Not reported
Rank Value:	Not reported
Cleanup Flag:	False
Created Date:	04/12/2017
Decode for AgencyID:	Department of Environmental Quality
Decode for RegionID:	Northwest Region
Category:	Remedial Action
Action Code Flag:	False
Action:	SITE EVALUATION
Further Action:	0
Comments:	Not reported

LUST:

Region:	North Western Region
Facility ID:	26-16-0783
Cleanup Received Date:	06/21/2016
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**09/12/2016**
Decode for Region:	**North West Region**

VCS:

ECS Site ID:	6166
Facility Size:	2.07 acres
Action:	SITE EVALUATION

CUSTOM STAMPING SITE (FORMER) (Continued) **S118869409**

Start Date:	03/30/2017
End Date:	Not reported
Facility Status:	Active
Program:	VCP
Latitude:	45.5132
Longitude:	-122.6561

AI165 **HEATING OIL TANK** **OR LUST** **S106475504**
ENE **1621 SE WASHINGTON ST** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.257 mi.
1358 ft. **Site 5 of 5 in cluster AI**

Relative: **Higher**
Actual: **115 ft.**

LUST:

Region:	North Western Region
Facility ID:	26-04-0545
Cleanup Received Date:	04/05/2004
Cleanup Start Date:	04/07/2004
Cleanup Complete Date:	**08/09/2004**
Decode for Region:	**North West Region**

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166 **HEATING OIL TANK** **OR LUST** **S104908013**
NNE **1336 SE PINE ST** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.259 mi.
1368 ft.

Relative: **Higher**
Actual: **108 ft.**

LUST:

Region:	North Western Region
Facility ID:	26-01-5293
Cleanup Received Date:	02/20/2001
Cleanup Start Date:	02/20/2001
Cleanup Complete Date:	**03/28/2001**
Decode for Region:	**North West Region**

AS167 **HEATING OIL TANK** **OR LUST** **S108060343**
NW **626 SE STARK ST** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.260 mi.
1372 ft. **Site 1 of 3 in cluster AS**

Relative: **Lower**
Actual: **48 ft.**

LUST:

Region:	North Western Region
Facility ID:	26-06-0885
Cleanup Received Date:	05/16/2006
Cleanup Start Date:	05/17/2006
Cleanup Complete Date:	**Not reported**
Decode for Region:	**North West Region**

168
NW
1/4-1/2
0.262 mi.
1382 ft.

REFRIGERATION SUPPLIES
740 SE OAK STREET
PORTLAND, OR 97214

OR LUST **U003115465**
OR UST **N/A**

Relative:
Lower

Actual:
65 ft.

LUST:

Region:	North Western Region
Facility ID:	26-95-0350
Cleanup Received Date:	12/28/1995
Cleanup Start Date:	12/27/1995
Cleanup Complete Date:	**04/10/1996**
Decode for Region:	**North West Region**

UST:

Facility ID:	11534
Facility Telephone:	(503)234-4334
Permittee Name:	TIM O'MERA
Number of Permitted Tanks:	Not reported
Active Tanks:	Not reported
Decommissioned Tanks:	Not reported
Number of Tanks:	1

AT169
South
1/4-1/2
0.262 mi.
1386 ft.

MOORE, DAVE
1120 SE MADISON ST
PORTLAND, OR 97214

Site 1 of 2 in cluster AT

OR LUST **S118347838**
N/A

Relative:
Lower

Actual:
46 ft.

LUST:

Region:	North Western Region
Facility ID:	26-15-1366
Cleanup Received Date:	09/25/2015
Cleanup Start Date:	09/21/2015
Cleanup Complete Date:	**03/17/2016**
Decode for Region:	**North West Region**

AN170
ESE
1/4-1/2
0.263 mi.
1391 ft.

HEATING OIL TANK
1636 SE TAYLOR ST
PORTLAND, OR 97214

Site 2 of 2 in cluster AN

OR LUST **S108987346**
N/A

Relative:
Higher

Actual:
90 ft.

LUST:

Region:	North Western Region
Facility ID:	26-07-1794
Cleanup Received Date:	11/29/2007
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**03/11/2008**
Decode for Region:	**North West Region**

AU171 **OR FLOWER GROWERS ASSOCIATION** **OR LUST** **U000432897**
WSW **1106 SE 6TH AVE** **OR UST** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.266 mi.
1404 ft. **Site 1 of 4 in cluster AU**

Relative:
Lower

Actual:
54 ft.

LUST:

Region:	North Western Region
Facility ID:	26-91-0439
Cleanup Received Date:	11/01/1991
Cleanup Start Date:	11/28/1991
Cleanup Complete Date:	**11/28/1991**
Decode for Region:	**North West Region**

UST:

Facility ID:	10894
Facility Telephone:	(503)638-1573
Permittee Name:	Not reported
Number of Permitted Tanks:	Not reported
Active Tanks:	Not reported
Decommissioned Tanks:	2
Number of Tanks:	2

AQ172 **HEATING OIL TANK** **OR LUST** **S107134980**
SSE **1330-36 SE 14TH AVE** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.266 mi.
1404 ft. **Site 2 of 3 in cluster AQ**

Relative:
Lower

Actual:
59 ft.

LUST:

Region:	North Western Region
Facility ID:	26-05-0666
Cleanup Received Date:	04/08/2005
Cleanup Start Date:	04/08/2005
Cleanup Complete Date:	**10/17/2005**
Decode for Region:	**North West Region**

AP173 **HEATING OIL TANK** **OR LUST** **S103839205**
East **1705 SE MORRISON** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.267 mi.
1411 ft. **Site 2 of 3 in cluster AP**

Relative:
Higher

Actual:
115 ft.

LUST:

Region:	North Western Region
Facility ID:	26-99-0382
Cleanup Received Date:	04/19/1999
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**Not reported**
Decode for Region:	**North West Region**

AV174 **HEATING OIL TANK** **OR LUST** **S106116775**
West **519-535 SE MORRISON STREET** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.267 mi.
1412 ft. **Site 1 of 2 in cluster AV**

Relative: LUST:
Lower
Actual: Region: North Western Region
46 ft. Facility ID: 26-03-2160
Cleanup Received Date: 10/10/2003
Cleanup Start Date: 10/13/2003
Cleanup Complete Date: 12/18/2007
Decode for Region: North West Region

AW175 **HEATING OIL TANK** **OR LUST** **S106856650**
SE **1533 SE MAIN ST** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.270 mi.
1424 ft. **Site 1 of 2 in cluster AW**

Relative: LUST:
Higher
Actual: Region: North Western Region
74 ft. Facility ID: 26-05-0134
Cleanup Received Date: 01/27/2005
Cleanup Start Date: 02/03/2005
Cleanup Complete Date: 03/24/2005
Decode for Region: North West Region

AX176 **HEATING OIL TANK** **OR LUST** **S105856908**
SSE **1304 SE MADISON STREET** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.271 mi.
1431 ft. **Site 1 of 3 in cluster AX**

Relative: LUST:
Lower
Actual: Region: North Western Region
52 ft. Facility ID: 26-03-1141
Cleanup Received Date: 06/12/2003
Cleanup Start Date: 06/17/2003
Cleanup Complete Date: 07/10/2003
Decode for Region: North West Region

AR177 **HEATING OIL TANK** **OR LUST** **S118347612**
SSW **940 SE MADISON ST** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.274 mi.
1445 ft. **Site 2 of 2 in cluster AR**

Relative: LUST:
Lower
Actual: Region: North Western Region
44 ft. Facility ID: 26-15-1002
Cleanup Received Date: 07/20/2015
Cleanup Start Date: Not reported
Cleanup Complete Date: 09/22/2015
Decode for Region: North West Region

AY178 **HEATING OIL TANK** **OR LUST** **S104658447**
East **1716 SE BELMONT** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.276 mi.
1456 ft. **Site 1 of 3 in cluster AY**

Relative: LUST:
Higher
Actual: Region: North Western Region
114 ft. Facility ID: 26-00-5254
Cleanup Received Date: 07/06/2000
Cleanup Start Date: 07/06/2000
Cleanup Complete Date: 11/07/2000
Decode for Region: North West Region

AU179 **HEATING OIL TANK** **OR LUST** **S100500628**
WSW **1105 SE 6TH** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.276 mi.
1457 ft. **Site 2 of 4 in cluster AU**

Relative: LUST:
Lower
Actual: Region: North Western Region
53 ft. Facility ID: 26-91-0460
Cleanup Received Date: 11/22/1991
Cleanup Start Date: 11/14/1991
Cleanup Complete Date: 12/23/1991
Decode for Region: North West Region

AS180 **HEATING OIL TANK** **OR LUST** **S107596044**
WNW **600 SE STARK ST** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.276 mi.
1457 ft. **Site 2 of 3 in cluster AS**

Relative: LUST:
Lower
Actual: Region: North Western Region
46 ft. Facility ID: 26-05-2381
Cleanup Received Date: 11/08/2005
Cleanup Start Date: 11/10/2005
Cleanup Complete Date: 12/11/2006
Decode for Region: North West Region

Region: North Western Region
Facility ID: 26-09-1147
Cleanup Received Date: 11/06/2009
Cleanup Start Date: Not reported
Cleanup Complete Date: 05/04/2010
Decode for Region: North West Region

AP181 **HEATING OIL TANK** **OR LUST** **S103422437**
ENE **1714 SE ALDER** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.276 mi.
1459 ft. **Site 3 of 3 in cluster AP**

Relative: LUST:
Higher
Actual: Region: North Western Region
117 ft. Facility ID: 26-98-0982
Cleanup Received Date: 11/13/1998
Cleanup Start Date: 10/26/1998
Cleanup Complete Date: 03/17/1999
Decode for Region: North West Region

AY182 **HEATING OIL TANK** **OR LUST** **S104658454**
East **1718 SE BELMONT** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.277 mi.
1461 ft. **Site 2 of 3 in cluster AY**

Relative: LUST:
Higher
Actual: Region: North Western Region
114 ft. Facility ID: 26-00-5263
Cleanup Received Date: 07/06/2000
Cleanup Start Date: 07/06/2000
Cleanup Complete Date: 09/26/2000
Decode for Region: North West Region

AQ183 **HEATING OIL TANK** **OR LUST** **S106475999**
SSE **1337 SE 15TH AVENUE** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.279 mi.
1472 ft. **Site 3 of 3 in cluster AQ**

Relative: LUST:
Lower
Actual: Region: North Western Region
62 ft. Facility ID: 26-04-1235
Cleanup Received Date: 06/25/2004
Cleanup Start Date: 07/06/2004
Cleanup Complete Date: 08/27/2004
Decode for Region: North West Region

AU184 **CALDWELL PROPERTY** **OR LUST** **S120414372**
WSW **521 SE TAYLOR ST.** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.282 mi.
1488 ft. **Site 3 of 4 in cluster AU**

Relative: LUST:
Lower
Actual: Region: North Western Region
54 ft. Facility ID: 26-17-0020
Cleanup Received Date: 01/05/2017
Cleanup Start Date: 05/03/2017
Cleanup Complete Date: 01/22/2018
Decode for Region: North West Region

AZ185
SSE
1/4-1/2
0.287 mi.
1516 ft.

HEATING OIL TANK
1404 SE MADISON STREET
PORTLAND, OR 97214

Site 1 of 3 in cluster AZ

OR LUST **S102590042**
N/A

Relative:
Lower

Actual:
55 ft.

LUST:

Region:	North Western Region
Facility ID:	26-97-0462
Cleanup Received Date:	06/18/1997
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**Not reported**
Decode for Region:	**North West Region**

BA186
SW
1/4-1/2
0.287 mi.
1516 ft.

HEATING OIL TANK
1310 SE 7TH AVENUE
PORTLAND, OR 97214

Site 1 of 2 in cluster BA

OR LUST **S103422370**
N/A

Relative:
Lower

Actual:
50 ft.

LUST:

Region:	North Western Region
Facility ID:	26-98-0875
Cleanup Received Date:	10/16/1998
Cleanup Start Date:	10/16/1998
Cleanup Complete Date:	**11/19/1998**
Decode for Region:	**North West Region**

AT187
South
1/4-1/2
0.287 mi.
1518 ft.

BRADSHAW AUTO SERVICE INC.
1021 SE HAWTHORNE BLVD
PORTLAND, OR 97214

Site 2 of 2 in cluster AT

OR LUST **S119015588**
N/A

Relative:
Lower

Actual:
45 ft.

LUST:

Region:	North Western Region
Facility ID:	26-93-0072
Cleanup Received Date:	04/14/1993
Cleanup Start Date:	04/14/1993
Cleanup Complete Date:	**04/07/1994**
Decode for Region:	**North West Region**

BB188
ENE
1/4-1/2
0.288 mi.
1521 ft.

HEATING OIL TANK
536 SE 17TH AVE
PORTLAND, OR 97214

Site 1 of 2 in cluster BB

OR LUST **S120851246**
N/A

Relative:
Higher

Actual:
116 ft.

LUST:

Region:	North Western Region
Facility ID:	26-17-0394
Cleanup Received Date:	04/17/2017
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**Not reported**
Decode for Region:	**North West Region**

BC189
NE
1/4-1/2
0.290 mi.
1532 ft.

HEATING OIL TANK
335 SE 16TH AVE
PORTLAND, OR 97214

Site 1 of 3 in cluster BC

OR LUST **S121972167**
N/A

Relative:
Higher

Actual:
113 ft.

LUST:

Region:	North Western Region
Facility ID:	26-18-0138
Cleanup Received Date:	02/12/2018
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**05/14/2018**
Decode for Region:	**North West Region**

AX190
South
1/4-1/2
0.291 mi.
1534 ft.

HEATING OIL TANK
1309 SE HAWTHORNE
PORTLAND, OR 97214

Site 2 of 3 in cluster AX

OR LUST **1000124714**
N/A

Relative:
Lower

Actual:
48 ft.

LUST:

Region:	North Western Region
Facility ID:	26-92-0157
Cleanup Received Date:	06/16/1992
Cleanup Start Date:	08/18/1992
Cleanup Complete Date:	**07/12/1993**
Decode for Region:	**North West Region**

BD191
North
1/4-1/2
0.292 mi.
1544 ft.

HULME, ROBERT H
221 SE 11TH AVE
PORTLAND, OR 97214

Site 1 of 2 in cluster BD

OR LUST **U000432699**
OR UST **N/A**

Relative:
Higher

Actual:
92 ft.

LUST:

Region:	North Western Region
Facility ID:	26-91-0103
Cleanup Received Date:	03/06/1991
Cleanup Start Date:	03/06/1991
Cleanup Complete Date:	**03/18/1992**
Decode for Region:	**North West Region**

UST:

Facility ID:	3597
Facility Telephone:	(503) 234-6280
Permittee Name:	ROBERT H HULME, OWNER
Number of Permitted Tanks:	Not reported
Active Tanks:	Not reported
Decommissioned Tanks:	4
Number of Tanks:	4

AV192 **HEATING OIL TANK** **OR LUST** **S119015297**
West **720 SE GRAND AVE** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.294 mi.
1551 ft. **Site 2 of 2 in cluster AV**

Relative:
Lower

Actual:
44 ft.

LUST:

Region:	North Western Region
Facility ID:	26-14-0434
Cleanup Received Date:	04/17/2014
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**Not reported**
Decode for Region:	**North West Region**

AS193 **OREGON PLATING COMPANY INC** **RCRA-CESQG** **1000236252**
NW **436 SE 6TH AVE** **OR ECSI** **ORD000407841**
1/4-1/2 **PORTLAND, OR 97214** **OR VCP**
0.294 mi. **OR SPILLS**
1554 ft. **Site 3 of 3 in cluster AS** **EPA WATCH LIST**
FINDS

Relative:
Lower

ECHO
OR AIRS

Actual:
51 ft.

CA HAZNET
OR MANIFEST

RCRA-CESQG:

Date form received by agency:	01/01/2017
Facility name:	OREGON PLATING COMPANY INC
Facility address:	436 SE 6TH AVE PORTLAND, OR 97214-1103
EPA ID:	ORD000407841
Mailing address:	PO BOX 849 GLADSTONE, OR 97027
Contact:	SCOTT HUNT
Contact address:	436 SE 6TH AVE PORTLAND, OR 97214-1103
Contact country:	US
Contact telephone:	503-819-6240
Contact email:	OREGONPLATING@GMAIL.COM
EPA Region:	10
Land type:	Private
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	OREGON PLATING COMPANY INC

OREGON PLATING COMPANY INC (Continued) **1000236252**

Owner/operator address: 436 SE 6TH AVE
PORTLAND, OR 97214
Owner/operator country: US
Owner/operator telephone: 503-819-6240
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/2017
Owner/Op end date: Not reported

Owner/operator name: OREGON PLATING COMPANY INC
Owner/operator address: 436 SE 6TH AVE
PORTLAND, OR 97214
Owner/operator country: US
Owner/operator telephone: 503-232-7416
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/2017
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: NA
. Waste name: NA

Historical Generators:
Date form received by agency: 12/31/2016
Site name: OREGON PLATING COMPANY INC
Classification: Large Quantity Generator

. Waste code: NA
. Waste name: NA

Date form received by agency: 02/29/2016
Site name: OREGON PLATING COMPANY INC
Classification: Large Quantity Generator

OREGON PLATING COMPANY INC (Continued) **1000236252**

. Waste code: NA
. Waste name: NA

Date form received by agency: 12/31/2015
Site name: OREGON PLATING COMPANY INC
Classification: Large Quantity Generator

. Waste code: NA
. Waste name: NA

Date form received by agency: 12/30/2015
Site name: OREGON PLATING COMPANY INC
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D003
. Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D011
. Waste name: SILVER

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS

. Waste code: F008
. Waste name: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS WHERE CYANIDES ARE USED IN THE PROCESS.

OREGON PLATING COMPANY INC (Continued) **1000236252**

. Waste code: F009
. Waste name: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS WHERE CYANIDES ARE USED IN THE PROCESS.

Date form received by agency: 12/31/2013
Site name: OREGON PLATING COMPANY INC
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: NA
. Waste name: NA

Date form received by agency: 03/07/2013
Site name: OREGON PLATING COMPANY INC
Classification: Large Quantity Generator

. Waste code: NA
. Waste name: NA

Date form received by agency: 12/31/2012
Site name: OREGON PLATING COMPANY INC
Classification: Large Quantity Generator

. Waste code: NA
. Waste name: NA

Date form received by agency: 12/31/2011
Site name: OREGON PLATING COMPANY INC
Classification: Large Quantity Generator

. Waste code: NA
. Waste name: NA

Date form received by agency: 12/30/2011
Site name: OREGON PLATING COMPANY INC
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D007
. Waste name: CHROMIUM

OREGON PLATING COMPANY INC (Continued) **1000236252**

. Waste code: D018
. Waste name: BENZENE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLOROETHYLENE

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Date form received by agency: 12/31/2010
Site name: OREGON PLATING COMPANY INC
Classification: Large Quantity Generator

. Waste code: NA
. Waste name: NA

Date form received by agency: 12/31/2009
Site name: OREGON PLATING COMPANY INC
Classification: Large Quantity Generator

. Waste code: NA
. Waste name: NA

Date form received by agency: 12/30/2009
Site name: OREGON PLATING COMPANY INC
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D007
. Waste name: CHROMIUM

OREGON PLATING COMPANY INC (Continued) **1000236252**

. Waste code: D018
. Waste name: BENZENE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLOROETHYLENE

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Date form received by agency: 12/31/2008
Site name: OREGON PLATING COMPANY INC
Classification: Large Quantity Generator

Date form received by agency: 12/31/2007
Site name: OREGON PLATING COMPANY INC
Classification: Small Quantity Generator

Date form received by agency: 12/31/2006
Site name: OREGON PLATING COMPANY INC
Classification: Large Quantity Generator

Date form received by agency: 12/31/2005
Site name: OREGON PLATING COMPANY INC
Classification: Large Quantity Generator

Date form received by agency: 12/31/2005
Site name: OREGON PLATING COMPANY INC
Classification: Large Quantity Generator

Date form received by agency: 12/31/2004
Site name: OREGON PLATING COMPANY INC
Classification: Large Quantity Generator

Date form received by agency: 12/31/2003
Site name: OREGON PLATING COMPANY INC
Classification: Conditionally Exempt Small Quantity Generator

OREGON PLATING COMPANY INC (Continued) **1000236252**

Date form received by agency: 03/03/2003
Site name: OREGON PLATING COMPANY INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 02/15/2002
Site name: OREGON PLATING COMPANY INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/23/2001
Site name: OREGON PLATING COMPANY INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 12/31/2000
Site name: OREGON PLATING COMPANY INC
Classification: Large Quantity Generator

Date form received by agency: 03/15/1999
Site name: OREGON PLATING COMPANY INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 02/27/1998
Site name: OREGON PLATING COMPANY INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/07/1997
Site name: OREGON PLATING COMPANY INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/07/1997
Site name: OREGON PLATING COMPANY
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 02/20/1996
Site name: OREGON PLATING COMPANY
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 03/01/1995
Site name: OREGON PLATING COMPANY
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 02/04/1994
Site name: OREGON PLATING COMPANY
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/28/1993
Site name: OREGON PLATING COMPANY
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 04/01/1992
Site name: OREGON PLATING COMPANY
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: NONE
. Waste name: None

Biennial Reports:

OREGON PLATING COMPANY INC (Continued) **1000236252**

Last Biennial Reporting Year: 2017

Annual Waste Handled:

Waste code:	D001
Waste name:	IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
Amount (Lbs):	417.5
Waste code:	D002
Waste name:	A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
Amount (Lbs):	32399.1
Waste code:	D003
Waste name:	A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.
Amount (Lbs):	417.5
Waste code:	D006
Waste name:	CADMIUM
Amount (Lbs):	100
Waste code:	D007
Waste name:	CHROMIUM
Amount (Lbs):	158966.9
Waste code:	D008
Waste name:	LEAD
Amount (Lbs):	6054
Waste code:	D011
Waste name:	SILVER
Amount (Lbs):	8392
Waste code:	F007
Waste name:	SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS
Amount (Lbs):	271480
Waste code:	F008
Waste name:	PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS WHERE CYANIDES ARE USED IN THE PROCESS.
Amount (Lbs):	271480
Waste code:	F009

OREGON PLATING COMPANY INC (Continued) **1000236252**

Waste name: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS WHERE CYANIDES ARE USED IN THE PROCESS.
Amount (Lbs): 271480

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: State Statute or Regulation
Date violation determined: 03/27/2012
Date achieved compliance: 05/09/2012
Violation lead agency: State
Enforcement action: FINAL 3008(A) SFO ORDER
Enforcement action date: 03/25/2015
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 5400
Paid penalty amount: 5400

Regulation violated: Not reported
Area of violation: State Statute or Regulation
Date violation determined: 03/27/2012
Date achieved compliance: 05/09/2012
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 03/27/2012
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 02/28/2012
Date achieved compliance: 08/21/2012
Violation lead agency: State
Enforcement action: FINAL 3008(A) SFO ORDER
Enforcement action date: 03/25/2015
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 5400
Paid penalty amount: 5400

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 02/28/2012
Date achieved compliance: 08/22/2012
Violation lead agency: State
Enforcement action: INITIAL 3008(A) CP/CO ORDER
Enforcement action date: 09/06/2012
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

OREGON PLATING COMPANY INC (Continued) **1000236252**

Enforcement lead agency: State
Proposed penalty amount: 10200
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 02/28/2012
Date achieved compliance: 03/28/2012
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 07/30/2012
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 02/28/2012
Date achieved compliance: 08/21/2012
Violation lead agency: State
Enforcement action: INITIAL 3008(A) CP/CO ORDER
Enforcement action date: 09/06/2012
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 10200
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 02/28/2012
Date achieved compliance: 08/21/2012
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 07/30/2012
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 02/28/2012
Date achieved compliance: 08/22/2012
Violation lead agency: State
Enforcement action: FINAL 3008(A) SFO ORDER
Enforcement action date: 03/25/2015
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State

OREGON PLATING COMPANY INC (Continued) **1000236252**

Proposed penalty amount: Not reported
Final penalty amount: 5400
Paid penalty amount: 5400

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 02/28/2012
Date achieved compliance: 03/07/2012
Violation lead agency: State
Enforcement action: FINAL 3008(A) SFO ORDER
Enforcement action date: 03/25/2015
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 5400
Paid penalty amount: 5400

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 02/28/2012
Date achieved compliance: 03/07/2012
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 07/30/2012
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 02/28/2012
Date achieved compliance: 03/28/2012
Violation lead agency: State
Enforcement action: FINAL 3008(A) SFO ORDER
Enforcement action date: 03/25/2015
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 5400
Paid penalty amount: 5400

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 02/28/2012
Date achieved compliance: 03/28/2012
Violation lead agency: State
Enforcement action: INITIAL 3008(A) CP/CO ORDER
Enforcement action date: 09/06/2012
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 10200

OREGON PLATING COMPANY INC (Continued) **1000236252**

Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 02/28/2012
Date achieved compliance: 08/22/2012
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 07/30/2012
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 02/28/2012
Date achieved compliance: 03/07/2012
Violation lead agency: State
Enforcement action: INITIAL 3008(A) CP/CO ORDER
Enforcement action date: 09/06/2012
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 10200
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: State Statute or Regulation
Date violation determined: 11/09/2007
Date achieved compliance: 09/12/2008
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 12/11/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 11/09/2007
Date achieved compliance: 09/12/2008
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 12/11/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported

OREGON PLATING COMPANY INC (Continued) **1000236252**

Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Universal Waste - Small Quantity Handlers
Date violation determined: 11/09/2007
Date achieved compliance: 09/12/2008
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 12/11/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 10/17/2005
Date achieved compliance: 12/28/2005
Violation lead agency: State
Enforcement action: INITIAL 3008(A) CP/CO ORDER
Enforcement action date: 06/19/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 7844
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Records/Reporting
Date violation determined: 10/17/2005
Date achieved compliance: 12/28/2005
Violation lead agency: State
Enforcement action: INITIAL 3008(A) CP/CO ORDER
Enforcement action date: 06/19/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 7844
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: State Statute or Regulation
Date violation determined: 10/17/2005
Date achieved compliance: 12/28/2005
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 11/28/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

OREGON PLATING COMPANY INC (Continued) **1000236252**

Regulation violated: Not reported
Area of violation: State Statute or Regulation
Date violation determined: 10/17/2005
Date achieved compliance: 12/28/2005
Violation lead agency: State
Enforcement action: INITIAL 3008(A) CP/CO ORDER
Enforcement action date: 06/19/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 7844
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Records/Reporting
Date violation determined: 10/17/2005
Date achieved compliance: 12/28/2005
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 11/28/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 10/17/2005
Date achieved compliance: 12/28/2005
Violation lead agency: State
Enforcement action: INITIAL 3008(A) CP/CO ORDER
Enforcement action date: 06/19/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 7844
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 10/17/2005
Date achieved compliance: 12/28/2005
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 11/28/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported

OREGON PLATING COMPANY INC (Continued) **1000236252**

Area of violation: Generators - General
Date violation determined: 10/17/2005
Date achieved compliance: 12/28/2005
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 11/28/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 12/08/2017
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/22/2012
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/27/2012
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: State Statute or Regulation
Date achieved compliance: 05/09/2012
Evaluation lead agency: State

Evaluation date: 02/28/2012
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Generators - Pre-transport
Date achieved compliance: 03/07/2012
Evaluation lead agency: State

Evaluation date: 02/28/2012
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 03/28/2012
Evaluation lead agency: State

Evaluation date: 02/28/2012
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Generators - Pre-transport
Date achieved compliance: 08/21/2012
Evaluation lead agency: State

Evaluation date: 02/28/2012
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 03/07/2012
Evaluation lead agency: State

Evaluation date: 02/28/2012

OREGON PLATING COMPANY INC (Continued) **1000236252**

Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Generators - Pre-transport
Date achieved compliance: 08/22/2012
Evaluation lead agency: State

Evaluation date: 02/28/2012
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 08/22/2012
Evaluation lead agency: State

Evaluation date: 02/28/2012
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 08/21/2012
Evaluation lead agency: State

Evaluation date: 02/28/2012
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Generators - Pre-transport
Date achieved compliance: 03/28/2012
Evaluation lead agency: State

Evaluation date: 09/16/2010
Evaluation: COMPLIANCE ASSISTANCE VISIT
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 11/09/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: State Statute or Regulation
Date achieved compliance: 09/12/2008
Evaluation lead agency: State

Evaluation date: 11/09/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 09/12/2008
Evaluation lead agency: State

Evaluation date: 11/09/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Universal Waste - Small Quantity Handlers
Date achieved compliance: 09/12/2008
Evaluation lead agency: State

Evaluation date: 09/27/2006
Evaluation: COMPLIANCE ASSISTANCE VISIT
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 12/28/2005
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported

OREGON PLATING COMPANY INC (Continued) **1000236252**

Evaluation lead agency: State

Evaluation date: 10/18/2005
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Generators - Records/Reporting
Date achieved compliance: 12/28/2005
Evaluation lead agency: State

Evaluation date: 10/18/2005
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Generators - General
Date achieved compliance: 12/28/2005
Evaluation lead agency: State

Evaluation date: 10/18/2005
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Generators - Pre-transport
Date achieved compliance: 12/28/2005
Evaluation lead agency: State

Evaluation date: 10/18/2005
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: State Statute or Regulation
Date achieved compliance: 12/28/2005
Evaluation lead agency: State

Evaluation date: 10/17/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: State Statute or Regulation
Date achieved compliance: 12/28/2005
Evaluation lead agency: State

Evaluation date: 10/17/2005
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Generators - Records/Reporting
Date achieved compliance: 12/28/2005
Evaluation lead agency: State

Evaluation date: 10/17/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Records/Reporting
Date achieved compliance: 12/28/2005
Evaluation lead agency: State

Evaluation date: 10/17/2005
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Generators - Pre-transport
Date achieved compliance: 12/28/2005
Evaluation lead agency: State

Evaluation date: 10/17/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 12/28/2005
Evaluation lead agency: State

Evaluation date: 10/17/2005

OREGON PLATING COMPANY INC (Continued) **1000236252**

Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Generators - General
Date achieved compliance: 12/28/2005
Evaluation lead agency: State

Evaluation date: 10/17/2005
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: State Statute or Regulation
Date achieved compliance: 12/28/2005
Evaluation lead agency: State

Evaluation date: 10/17/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 12/28/2005
Evaluation lead agency: State

Evaluation date: 02/14/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

ECSI:
State ID Number: 4925
Brown ID: 0
Study Area: False
Region ID: 2
Legislatve ID: 0
Investigation: Suspect
FACA ID: 105684
Further Action: 0
Lat/Long (dms): 45 31 10.60 / -122 39 33.80
County Code: 26.00
Score Value: Not reported
Cerclis ID: Not reported
Township Coord.: 1.00
Township Zone: N
Range Coord: 1.00
Range Zone: E
Section Coord: 35
Qtr Section: CC
Tax Lots: 11800 (T1N/R1E-S35CC)
Size: 0.25 acre
NPL: False
Orphan: False
Updated By: JORR
Update Date: 08/29/2016
Created Date: 12/20/2007
Decode For RegionID: Northwest Region
Decode For BrownID: Not reported
Decode For Furtheract: Not reported
Decode For Investstat: Suspect
Decode For Legislative: Not reported
Alias Name: Electro Products Co.

Narrative:
NARR ID: 5750345

OREGON PLATING COMPANY INC (Continued) **1000236252**

NARR Code: Site Contacts
Created By: SFORTUN
Created Date: 04/10/2008
Updated By: SFORTUN
Updated Date: 04/10/2008
Decode for NarcdID: Site Contacts
NARR Comments: Scott A. Hunt, General Manager Oregon Plating Company, Inc. 436 SE 6th Avenue Portland, OR 97214-1103 503-232-7416 503-369-8285 (cell) Linda K. Potts, President Oregon Plating Company, Inc. 436 SE 6th Avenue Portland, OR 97214-1103 503-232-7416

NARR ID: 5750347
NARR Code: Contamination
Created By: SFORTUN
Created Date: 04/10/2008
Updated By: JORR
Updated Date: 11/12/2014
Decode for NarcdID: Contamination
NARR Comments: There is no data indicating whether or not hazardous substances associated with the site's plating operations may have migrated beyond the confines of the facility's basement. However: 1. The facility is more than 80 years old, and plating operations have been conducted within the building for more than 75 years. 2. The concrete basement floor where plating operations are conducted is coated with an acid-resistant coating. However, a. cracks have been discovered in the coating within a diked secondary containment structure surrounding one of the process's rinse tanks; b. several photos of the coated floor suggest that cracks may be present beneath the floor coating outside of the secondary containment structures; and c. staining, and in some cases, spilled plating solutions, were present on the floor and walls outside of the facility's secondary containment structures; 3. The basement floor has floor drains which are believed to be plumbed to a basement sump, although there are no available as-built drawings of the subfloor plumbing, and it is unlikely that the subfloor plumbing would have originally been designed to withstand the corrosive effects of plating-related solutions. A Focused Feasibility Study (FFS) was completed in 2013 that documents soil and groundwater contamination below the building foundation. The FFS recommends Interim Remedial Actions for the site and is included as an attachment in WebDocs.

NARR ID: 5750349
NARR Code: Disposals
Created By: SFORTUN
Created Date: 04/10/2008
Updated By: SFORTUN
Updated Date: 04/11/2008
Decode for NarcdID: Disposals
NARR Comments: The Portland Fire Department pumped potentially-contaminated water from the facility's basement into a nearby municipal stormsewer in December 2007 / January 2008. Plating wastes may have historically been discharged to the municipal stormsewer.

NARR ID: 5750341
NARR Code: Data Sources
Created By: SFORTUN
Created Date: 04/10/2008

OREGON PLATING COMPANY INC (Continued) **1000236252**

Updated By: SFORTUN
Updated Date: 04/24/2008
Decode for NarcdID: Data Sources
NARR Comments: 1. DEQ Northwest Region Hazardous Waste file for Oregon Plating Company, OHWIME #5926 2. Response to December 21, 2007, DEQ Site Assessment Information Request, Oregon Plating Company, February 8, 2008. 3. Oregon Emergency Response Information System, Spill Report Summaries, OERS Number 99-0306, April 30, 1999, and OERS Number 07-3020, December 31, 2007. 4. DEQ Northwest Region Pollution Complaints Database, Complaint NWR-1990-0751, April 13, 1990 , and Complaint NWR-1990-2015, August 30, 1990. 5. Sanborn Fire Insurance Maps of Portland Oregon, 1950, 1924, 1909, 1901, 1889. 6. Personal communications with the City of Portland, Bureau of Environmental Services, Industrial Stormwater Program, January 7, 2008, January 14, 2008, February 6, 2008, February 14, 2008. 7. Personal communications with DEQ Hazardous Waste Compliance inspector Rick Silverman, April 8, 2008. 8. Personal communications with Portland Water Bureau personnel, April 23, 2008. 9. Personal communications with the Portland Fire Department Station #1 Fire Chief, April 24, 2008.

NARR ID: 5750336
NARR Code: General Site Description
Created By: SFORTUN
Created Date: 04/10/2008
Updated By: JORR
Updated Date: 11/12/2014
Decode for NarcdID: General Site Description
NARR Comments: The site is comprised of a 10,000 square foot, 1-story, reinforced concrete structure located on an 11,000 square foot tax lot within an area of SE Portland that is zoned for commercial and industrial use. The building shares its northern exterior wall with an adjoining commercial structure; public sidewalks and paved streets are located along the building s western and southern perimeters (see Figure 4). Oregon Plating Company owns the entire 10,000 square foot building, although plating operations (see Figure 5) are conducted only within the building s basement. The building s ground floor is currently rented to Art Home Company, an art and framing shop, Arno Piano Repair, and Liquid Moves Entertainment / Center Space, a dance and activity center. A Focused Feasibility Study (FFS) was completed in 2013 that documents soil and groundwater contamination below the building foundation. The FFS recommends Interim Remedial Actions for the site and is included as an attachment in WebDocs.

NARR ID: 5750338
NARR Code: Hazardous Substance/Waste Types
Created By: SFORTUN
Created Date: 04/10/2008
Updated By: SFORTUN
Updated Date: 04/10/2008
Decode for NarcdID: Hazardous Substance/Waste Types
NARR Comments: Over the past 85 years, the facility has used a variety hazardous materials including acids, bases, toxic metals (chromium, copper, nickel, silver, zinc, lead, cadmium), cyanide salts, ammonium salts, and chlorinated solvents (methylene chloride). Hazardous substances have likely been present in the form of liquid solutions, liquid mists, gaseous vapors, and dusts generated through sandblasting and mechanical polishing.

OREGON PLATING COMPANY INC (Continued) **1000236252**

NARR ID: 5750342
NARR Code: Project Issues Summary
Created By: SFORTUN
Created Date: 04/10/2008
Updated By: SFORTUN
Updated Date: 04/11/2008
Decode for NarcdID: Project Issues Summary
NARR Comments: DEQ s Hazardous Waste program referred the Oregon Plating Company site to Site Assessment based on observed hazardous substance handling and storage conditions within the facility. DEQ s Cleanup Program only addresses sites where contaminants have been released to the environment, or where there is a significant threat of a release to the environment. Although there have been documented releases of hazardous substance within the facility, there is only circumstantial evidence and no test data - indicating that contaminants may have actually escaped the building confines. The concrete floor of the Oregon Plating Company s basement is coated with an acid-resistant coating. However, plating operations in this building began more than 75 years ago, and it is not known when acid-resistant coatings were first applied to the floor, or how well the coatings have been maintained over the years. Photos from DEQ s October 2005 HW Compliance Inspection of the facility also depict areas of the flooring where cracks may be present beneath the coating (see Plates 4 through 6) . In April 2008, DEQ Hazardous Waste inspectors learned that cracks had been discovered in the protective coating in a diked secondary containment structure surrounding one of the facility s rinse tanks . Discontinuities or disruptions in the floor s acid-resistant coating could allow waste plating solutions to migrate through the concrete floor and into underlying soils. It is not known how well seams between the basement s floor and concrete walls are sealed. Significant gaps are typically present between basement floors and walls at the time of building construction. Unless these gaps have been adequately sealed, accumulated particulates or ponded liquids at the wall / floor interface can migrate to the subsurface. Photo D of Plates 1 and 3, and photo A of Plate 3 each depict staining that extends upward from the facility s basement floor onto the basement walls. This should be a particular concern along the facility s collapsing east wall, where it would be difficult to maintain waterproof seals. The City of Portland suspects that a floor drain in the facility s basement floor is plumbed to a sump near the basement s south wall, although neither the city nor the plating company has plumbing diagrams of the floor drainage system. Since the building appears to have been constructed up to six years before site electroplating operations began, it is unlikely that special design features or engineering controls were applied during construction of the basement s floor drain or sump systems. Considering the age of the building and the corrosive nature of materials that have been handled within the building, subfloor plumbing components are likely to have significantly degraded over time, and leaked. Any leaks in the subfloor drainage system might allow hazardous substances to migrate to the subsurface. Any hazardous substances migrating to subsurface soils beneath the facility might also contaminate the area s seasonally shallow groundwater. Potential groundwater contamination could represent a threat to nearby downgradient wells. During periods of high groundwater tables, contaminated groundwater could also discharge to municipal stormsewers or preferentially migrate to the river along the sewer bedding. The nearest municipal stormsewer is a

OREGON PLATING COMPANY INC (Continued) **1000236252**

6-foot diameter, brick and concrete sewer pipe that was constructed 8.5-14.5 feet beneath SE Stark Street in 1911. It gravity-drains westward along SE Stark Street, then discharges to the Willamette River at City Stormwater Outfall #37 (see Figures 10 and 11). Depending on the character of material that was used to backfill the gulch that historically passed beneath the facility, contaminated groundwater might also preferentially migrate along the former gulch and discharge to the Willamette River between SE Stark and Oak Streets. Dye tests conducted by the City of Portland in February 2008 demonstrated that the facility s sump discharges only to the municipal sanitary sewer. However, a 1977 Portland Public Works wastewater sampling diagram of the facility suggests that the sump may have discharged to the municipal stormsewer at that time (see Figure 9). Plumbing permit records from the City of Portland describe modifications to the facility s plumbing in 1930, 1955, 1970, 2001, and 2006. The plumbing permits provide only very limited information about the actual changes in the building s plumbing. Only the 2001 and 2006 plumbing permits suggest potential modifications to the facility s stormsewer lateral feed line. Any potential discharges of the facility s plating wastes to the municipal stormsewer could have contaminated Willamette River surface water and sediments at City Outfall #37. GSI Water Solutions, Inc. has proposed the sampling of shallow and deep river sediments beneath City Outfalls #37 and #38 during April 2008 as part of a search for potential sediment contamination sources upstream from the Portland Harbor Superfund site (ECSI #2068; CERCLIS #SFN1002155). City Outfall #38 is located about 50 feet downstream from the area where the historic gulch is likely to have reached the river. Analyses of river sediments at Outfalls #37 and #38 should be useful in determining whether groundwater or stormwater discharging to this area of the river has been contaminated with significant concentrations of electroplating wastes. Water that infiltrated into Oregon Plating Company s basement during the December 2007 water main leak is likely to have dissolved residual wastes from the basement floor. The PFD pumped some of this water into the nearby stormsewer, but the concentrations of wastes in this water are unlikely to have been sufficiently high to significantly affect Willamette River sediments.

NARR ID: 5750340
NARR Code: Land Use (Current/Reasonably Likely)
Created By: SFORTUN
Created Date: 04/10/2008
Updated By: SFORTUN
Updated Date: 04/11/2008
Decode for NarcdID: Land Use (Current/Reasonably Likely)
NARR Comments: The area surrounding the facility is zoned for mixed commercial and industrial use. While commercial land use predominates in the immediate vicinity of the site, low-income apartments are located as near as 160 feet west of the facility. Social service organizations operate from offices as near as 160 feet to the south, 225 feet to the southeast, and 440 feet to the north-northeast of the site (see Figure 6). A child daycare facility is located about 440 feet north-northeast of the facility.

NARR ID: 5750335
NARR Code: Site Location
Created By: SFORTUN

OREGON PLATING COMPANY INC (Continued) **1000236252**

Created Date: 04/10/2008
Updated By: SFORTUN
Updated Date: 04/10/2008
Decode for NarcdID: Site Location
NARR Comments: The plating facility is located in a commercial building on the east side of SE 6th Avenue. The building occupies the southwest quarter of the block between SE Oak and SE Stark Streets, and SE 6th and SE 7th Avenues (see Figures 1 through 4). SE Grand Avenue, the northbound lanes of Oregon Highway 99E, is located one block west of the facility; the Willamette River lies about 1,850 feet west of the site.
Not reported

NARR ID: 5750350
NARR Code: Media Contamination
Created By: SFORTUN
Created Date: 04/10/2008
Updated By: SFORTUN
Updated Date: 04/11/2008
Decode for NarcdID: Media Contamination
NARR Comments: There are currently no data available to indicate whether or not environmental media are contaminated. However, potential historic releases may have contaminated soils and shallow groundwater beneath the facility, as well as Willamette River sediments.

NARR ID: 5750346
NARR Code: Site Ownership
Created By: SFORTUN
Created Date: 04/10/2008
Updated By: SFORTUN
Updated Date: 04/10/2008
Decode for NarcdID: Site Ownership
NARR Comments: Linda K. Pitts Oregon Plating Company, Inc. 436 SE 6th Avenue Portland, OR 97214-1103 503-232-7416

NARR ID: 5750343
NARR Code: Pathways Other Hazards
Created By: SFORTUN
Created Date: 04/10/2008
Updated By: JORR
Updated Date: 11/12/2014
Decode for NarcdID: Pathways & Other Hazards
NARR Comments: Potential contaminant release and migration pathways include: 1. potential releases of airborne vapors, mists, or dust; 2. potential migration of plating wastes to soils and shallow groundwater beneath the facility; and 3. potential historic releases of wastes to the nearby municipal stormsewer, which discharges to the Willamette River at Outfall #37. Any airborne releases of contaminants might represent a threat to nearby residents, pedestrians, or workers and customers in nearby commercial facilities. There have been no reports of airborn releases since potential releases associated with two Pollution Complaints in 1990. Since the locale of the site is generally covered by buildings, concrete sidewalks, and paved streets, direct public contact with potential soil contamination should be quite limited. Potential subsurface soil contamination could represent a threat to: 1. utility trench workers; and 2. any future construction workers that may be working in soils excavated at the site. Potential releases to soils beneath the facility would

OREGON PLATING COMPANY INC (Continued) **1000236252**

likely also contaminated shallow groundwater. Groundwater contamination could represent a potential threat to: 1. downgradient well users; and 2. aquatic life in the Willamette River. The Portland Fire Department pumped potentially contaminated water from the facility's basement to the nearby municipal stormsewer on December 31, 2007. Plating wastes may also have been historically discharged to the nearby stormsewer. Contaminant releases to the stormsewer could represent a threat to: 1. sewer maintenance workers; and 2. aquatic life and wildlife in the Willamette River, including Threatened and Endangered anadromous fish, and migratory waterfowl protected by international treaty.

NARR ID: 5756387
NARR Code: Remedial Action
Created By: JORR
Created Date: 08/29/2016
Updated By: JORR
Updated Date: 08/29/2016
Decode for NarcdID: Remedial Action
NARR Comments: 2015-2016 Site is in progress with a removal actions and has excavated contaminated material in the basement of the building. A vapor extration system will be installed and compliace monitoring of sub-slab vapors and groundwater will be performed in 2016-2017.

NARR ID: 5750344
NARR Code: Substances of Concern
Created By: SFORTUN
Created Date: 04/10/2008
Updated By: SFORTUN
Updated Date: 04/10/2008
Decode for NarcdID: Substances of Concern
NARR Comments: Toxic metals (chromium, copper, nickel, silver, zinc, lead, cadmium), cyanide, ammonia, methylene chloride.

NARR ID: 5750348
NARR Code: Health Threats
Created By: SFORTUN
Created Date: 04/10/2008
Updated By: SFORTUN
Updated Date: 04/24/2008
Decode for NarcdID: Health Threats
NARR Comments: Although the site is located in an area having a disproportionately high concentration of individuals living below the federal poverty level (a Vulnerable Area), the site locale is generally covered by buildings, concrete sidewalks, and paved streets. Direct public contact with any potential released contaminants, airborne releases notwithstanding, should be quite limited. The most likely receptors for hazardous substances potentially released at the site would likely be limited to: aquatic life and wildlife in the Willamette River; well water users directly downgradient from the site; sewer maintenance workers; utility trench workers; and any future construction workers that may be working in soils excavated at the site.

NARR ID: 5750339
NARR Code: Water Use (Current/Reasonably Likely)
Created By: SFORTUN

OREGON PLATING COMPANY INC (Continued) **1000236252**

Created Date: 04/10/2008
Updated By: SFORTUN
Updated Date: 04/11/2008
Decode for NarcdID: Water Use (Current/Reasonably Likely)
NARR Comments: Drinking Water Supply: The City of Portland has a well-developed and readily-accessible Community Drinking Water Supply system with surface water sources from reservoirs within in the Bull Run Watershed, on the west slope of Mt. Hood, at least 25 miles east-southeast of the site, and supplemental groundwater sources from deep wells along the south shore of the Columbia River, over 6 miles east-northeast of the site. Groundwater: Oregon Water Resources Department [OWRD] and the U.S. Geological Survey [USGS] have records for over 50 production wells within one mile of the site (see Figure 8). The vast majority of these wells appear to be industrial-use wells. The Willamette River channel is over 1,100 feet wide and more than 50 feet deep near the site, and substantial groundwater recharge occurs in the West Hills on the west edge of downtown Portland, so it appears very unlikely that wells on the west side of the river would be affected by any contaminant releases at the site. At least four production wells are located within + mile of the site; at least 14 wells lie within + mile of the site (see Figure 8). The nearest well appears to be a 90 foot deep well (MULT 1008) located at an outdoor supply and military surplus goods store about 250 feet northwest of the Oregon Plating Company facility. When the well was constructed in 1961, its proposed use was described as other , although a Certified Water Right was issued in 1963, allowing groundwater to be used for air conditioning. The nearest domestic-use well (MULT 83130 / MULT 86582) appears to be a 290 foot deep well about 0.3 mile northeast of the site. The well was installed in 2006 on an undeveloped lot adjacent to a commercial rock climbing gym and a Housing Authority of Portland transitional housing unit for the homeless. The boring log for this well proposed that the well be used for both domestic purposes and for thermal-use (such as heating and air conditioning). OWRD has records for three industrial wells located 850- to 1,500 feet west of the facility, between the facility and the Willamette River. The nearest is a 12-inch diameter, 263 foot deep well that was installed for the former Corvallis Creamery. The site is currently occupied by a cafT, a food-distribution warehouse, and several unrelated small businesses. It is not known if the well is still being used or still exists. OWRD records indicate that three industrial wells were installed for Northwest Ice & Cold Storage Company, about 1,500 feet west of the site, in 1912-28. The wells were 235-265 feet deep, and 8- to 12 inches in diameter. OWRD records indicate that one of the wells was decommissioned in 1988, although there are no decommissioning records for the two remaining wells. It is not know if the wells still exist or are still being used. A new building that houses a woodwork supplier was constructed on the northern portion of the former Northwest Ice & Cold Storage Company site in 1996. The Youth Progress Association, a non-profit independent living organization for adjudicated youth, and the Youth Progress Learning Center, a provisionally-accredited special purpose school for adjudicated youth, occupy part of the former site. OWRD also has records for an 8-inch diameter, 105 foot deep industrial well installed about 1,000 feet east of (upgradient from) the Oregon Plating Company. The well was installed in 1956 for Lewis Brothers, Inc., a food processor. The site is currently owned by Northwest Medical, Inc., a hospital and nursing home durable goods supplier.

OREGON PLATING COMPANY INC (Continued) **1000236252**

Current use of the well is not known, although a Water Right Certification that was issued in 1961 for industrial use of groundwater remains on file at OWRD, and has not been revoked. Surface Water: The nearest downgradient surface water body is the Willamette River, about 1,850 feet (0.35 mile) west of the site. In the Portland area, the Willamette River is used for recreational boating and swimming, and for sport, tribal, and limited commercial fishing. The river also provides important migratory and rearing habitat for Threatened and Endangered anadromous fish, including coho and Chinook salmon and steelhead trout, as well as seasonal habitat for migratory waterfowl, and foraging habitat for other protected bird species such as the bald eagle. Migratory waterfowl are protected by international treaty. The bald eagle is federally-listed Threatened Species.

NARR ID: 5750337
NARR Code: Site History
Created By: SFORTUN
Created Date: 04/10/2008
Updated By: SFORTUN
Updated Date: 04/11/2008
Decode for NarcdID: Site History
NARR Comments: The plating company has had several owners, and has operated under several names and from several Portland locations since it was first established over 100 years ago. Oregon Plating Works was established in 1890, and previously operated at three SW Portland locations, and from another SE Portland facility at the nearby intersection of SE Oak Street and MLK Boulevard. The company changed its name to Oregon Plating Company in 1930. From 1920 to 1967, the company simultaneously operated under two names: Oregon Plating Company and Electro Products Company. The SE 6th Avenue facility was constructed in 1924, although plating operations did not begin at this facility until about 1930. Sanborn Fire Insurance Maps indicate that the facility was damaged by fire in about 1950. At that time, Sanborn maps depict another plating operation in a building less than one block south of the site, although there is no indication whether this may have been a temporary operating location for Oregon Plating Company. Linda Pitt and Gary Davis purchased the business in 1984. Ms. Pitt has been the sole owner since 1995.

NARR ID: 5750351
NARR Code: 1922
Created By: SFORTUN
Created Date: 04/10/2008
Updated By: JORR
Updated Date: 11/12/2014
Decode for NarcdID: Current Site Summary Statement
NARR Comments: Oregon Plating Company has conducted electroplating activities in the same SE Portland facility for over 75 years. Current electroplating activities are confined to the facility s basement. Although the company appears to have been in compliance with their Air Contaminant Discharge and Pre-Treated Wastewater Discharge Permits for the past six or more years, recent DEQ Hazardous Waste Compliance Inspections have documented operating and waste handling conditions and practices that could result in contaminant releases to the environment. The facility s concrete basement floor is coated with an acid-resistant coating. It is unclear when the floors were first coated, and how

OREGON PLATING COMPANY INC (Continued) **1000236252**

well the coating has been maintained. The basement floor also has floor drains which are believed to be plumbed to a basement sump. Plating wastewaters are collected in the sump, and recent dye tests have verified that the sump discharges to the municipal sanitary sewer. However, the building appears to have been constructed at least six years before site plating operations began, and subfloor plumbing may not have been adequately engineered to withstand corrosive electroplating wastes. Cracks in the acic-resistant floor coating or the underlying concrete could have allowed wastes to migrate through the floor and into underlying soils and shallow groundwater. Subfloor plumbing leaks could have released contaminants directly to underlying soils and shallow groundwater. Groundwater contamination could represent a threat to nearby downgradient well users. Subsurface soil contamination could represent a potential threat to utility trench workers or future construction workers that handle excavated soils. A historic city wastewater monitoring diagram of the facility suggests that the sump may have been plumbed to the municipal stormsewer in the past. Contaminants within the stormsewer system could represent a threat to sewer maintenance workers. The nearby stormsewer discharges to the Willamette River, so waste releases to the stormsewer could have contaminated river sediments and represent a longterm threat to the river s aquatic life and wildlife. Subsurface investigaitons have indicated contamination of soils below the site foundation by metals, VOCs, and acids. A Focused Feasibility (completed in 2013 and included in WebDocs) document the contaminaiton and proposed Interim Remedial Measures.

Administrative Action:

Action ID:	9424
Region:	Not reported
Complete Date:	12/20/2007
Rank Value:	Not reported
Cleanup Flag:	False
Created Date:	12/20/2007
Decode for AgencyID:	Department of Environmental Quality
Decode for RegionID:	Not reported
Category:	Administrative Action
Action Code Flag:	False
Action:	Site added to database
Further Action:	Not reported
Comments:	Not reported

Action ID:	9508
Region:	Northwestern Region
Complete Date:	12/20/2007
Rank Value:	Not reported
Cleanup Flag:	False
Created Date:	12/20/2007
Decode for AgencyID:	Department of Environmental Quality
Decode for RegionID:	Northwest Region
Category:	Remedial Action
Action Code Flag:	False
Action:	Site Screening recommended (EV)
Further Action:	0
Comments:	Not reported

Action ID:	9425
Region:	Northwestern Region

OREGON PLATING COMPANY INC (Continued) **1000236252**

Complete Date: 04/10/2008
Rank Value: Not reported
Cleanup Flag: False
Created Date: 04/10/2008
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: SITE EVALUATION
Further Action: 0
Comments: Not reported

Action ID: 9449
Region: Northwestern Region
Complete Date: 04/10/2008
Rank Value: Not reported
Cleanup Flag: False
Created Date: 04/10/2008
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Listing Action
Action Code Flag: False
Action: Insufficient information to list
Further Action: 0
Comments: Not reported

Action ID: 9502
Region: Northwestern Region
Complete Date: 04/10/2008
Rank Value: 92
Cleanup Flag: False
Created Date: 04/10/2008
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Remedial Investigation recommended (RI)
Further Action: High
Comments: Not reported

Action ID: 9521
Region: Northwestern Region
Complete Date: 04/25/2008
Rank Value: Not reported
Cleanup Flag: False
Created Date: 04/10/2008
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: OPTN
Further Action: 0
Comments: Not reported

Action ID: 9425
Region: Eastern Region
Complete Date: 11/12/2009

OREGON PLATING COMPANY INC (Continued) **1000236252**

Rank Value: Not reported
Cleanup Flag: True
Created Date: 01/15/2010
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Eastern Region
Category: Remedial Action
Action Code Flag: False
Action: SITE EVALUATION
Further Action: High-Medium
Comments: Not reported

Action ID: 9440
Region: Eastern Region
Complete Date: 01/13/2009
Rank Value: Not reported
Cleanup Flag: False
Created Date: 01/15/2010
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Eastern Region
Category: Remedial Action
Action Code Flag: False
Action: Letter Agreement
Further Action: 0
Comments: Not reported

Action ID: 9519
Region: Northwestern Region
Complete Date: 09/23/2013
Rank Value: Not reported
Cleanup Flag: False
Created Date: 08/22/2013
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: VCS Waiting List
Further Action: 0
Comments: Not reported

Action ID: 9426
Region: Northwestern Region
Complete Date: Not reported
Rank Value: Not reported
Cleanup Flag: False
Created Date: 10/07/2013
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: SITE PRIORITY EVALUATION FOR FURTHER ACTION
Further Action: 0
Comments: Not reported

Action ID: 9415
Region: 0
Complete Date: Not reported
Rank Value: Not reported

OREGON PLATING COMPANY INC (Continued) **1000236252**

Cleanup Flag: False
Created Date: 08/29/2016
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Remedial Action
Action Code Flag: False
Action: CONFIRMATION SAMPLING
Further Action: 0
Comments: Not reported

Operations:

Operation Id: 135374
Operation Status: Active
Common Name: Oregon Plating Company, Inc.
Yrs of Operation: 1930 - present
Comments: Previously operated as Oregon Plating Works
Updated Date: 03/20/2008
Updated By: SFORTUN
Decode for OpstatID: Active
Operations SIC Id: 198812
SIC Code: 3471
Created By: SFORTUN
Created Date: 03/20/2008

Operation Id: 135375
Operation Status: Inactive
Common Name: Electro Products Co.
Yrs of Operation: 1924-1967
Comments: Operated from the same locations, and in conjunction with, Oregon Plating Co., Inc. (1930-67) and Oregon Plating Works (1924-29).
Updated Date: 03/20/2008
Updated By: SFORTUN
Decode for OpstatID: Inactive

Operation Id: 135376
Operation Status: Inactive
Common Name: Oregon Plating Works
Yrs of Operation: 1890-1929
Comments: Subsequently operated as Oregon Plating Company, Inc.
Updated Date: 03/20/2008
Updated By: SFORTUN
Decode for OpstatID: Inactive

VCS:

ECS Site ID: 4925
Facility Size: 0.25 acre
Action: SITE PRIORITY EVALUATION FOR FURTHER ACTION
Start Date: 09/23/2013
End Date: Not reported
Facility Status: Active
Program: VCP
Latitude: 45.5196
Longitude: -122.6594

OR SPILLS:

Facility ID: 2007-3020
Incident Status: Archive

OREGON PLATING COMPANY INC (Continued) **1000236252**

Material: Not reported
Quantity: 1000
Unit of Measure: Gallons
Release Date: 12/31/2007
Description: Rupture of Portland City water line caused contamination of water from plating company into the Willamette River.
Lat/Long: 45.5198 / -122.6596
Source: Business
Media: Not reported
Responsible Company: City of Portland
Responsible Address: 1120 SW 5th Ave
Responsible City,St,Zip: Portland, OR 97204-1912

EPA WATCH LIST:
Facility ID: ORD000407841
Program: RCRA Facilities
List date: November 2012 Watch List

Facility ID: ORD000407841
Program: RCRA Facilities
List date: October 2012 Watch List

FINDS:

Registry ID: 110002368884

Environmental Interest/Information System
OR-DEQ (Oregon - Department Of Environmental Quality) is a regulatory agency whose job is to protect the quality of Oregon's Environment. DEQ uses a combination of technical assistance, inspections and permitting to help public and private facilities and citizens understand and comply with state and federal environmental regulations.

OSHA ESTABLISHMENT

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

RISK AND TECHNOLOGY REVIEW

HAZARDOUS WASTE BIENNIAL REPORTER

HAZARDOUS AND CRITERIA AIR POLLUTANT MAJOR

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000236252
Registry ID: 110002368884

OREGON PLATING COMPANY INC (Continued) **1000236252**

DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002368884

OR AIRS:

Year:	2011
Emission:	Not reported
Permit Number:	26-0064-02-01
Permit Type:	Not reported
Expiration Date:	Not reported
Source ID:	26-0064
Issue Date:	Not reported
NAICS Code:	332813
Is Primary:	Not reported
SIC Code:	3471
Is Primary:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Poll:	Not reported
Emission Source Code:	Not reported
Process Code:	Not reported
SCC:	Not reported
Emission Source Description:	Not reported
Process Description:	Not reported
Throughput:	Not reported
Process Unit:	Not reported
Throughput Type:	Not reported

HAZNET:

Facility Name:	OREGON PLATING COMPANY INC
envid:	1000236252
Year:	2006
GEPAID:	ORD000407841
Contact:	GARRY SMURTHWAITE
Telephone:	5032327416
Mailing Name:	Not reported
Mailing Address:	436 SE 6TH AVE
Mailing City,St,Zip:	PORTLAND, OR 97214
Gen County:	Not reported
TSD EPA ID:	CAD097030993
TSD County:	Not reported
Waste Category:	Liquids with pH <= 2 with metals
Disposal Method:	Transfer Station
Tons:	0.12
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Not reported

envid:	1000236252
Year:	2006
GEPAID:	ORD000407841
Contact:	GARRY SMURTHWAITE
Telephone:	5032327416
Mailing Name:	Not reported
Mailing Address:	436 SE 6TH AVE
Mailing City,St,Zip:	PORTLAND, OR 97214
Gen County:	Not reported
TSD EPA ID:	CAD097030993

OREGON PLATING COMPANY INC (Continued) **1000236252**

TSD County: Not reported
Waste Category: Liquids with pH <= 2 with metals
Disposal Method: Not reported
Tons: 0.41
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Not reported

envid: 1000236252
Year: 2006
GEPAID: ORD000407841
Contact: GARRY SMURTHWAITE
Telephone: 5032327416
Mailing Name: Not reported
Mailing Address: 436 SE 6TH AVE
Mailing City,St,Zip: PORTLAND, OR 97214
Gen County: Not reported
TSD EPA ID: CAD097030993
TSD County: Not reported
Waste Category: Liquids with pH <= 2 with metals
Disposal Method: Recycler
Tons: 0.22
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Not reported

envid: 1000236252
Year: 2006
GEPAID: ORD000407841
Contact: GARRY SMURTHWAITE
Telephone: 5032327416
Mailing Name: Not reported
Mailing Address: 436 SE 6TH AVE
Mailing City,St,Zip: PORTLAND, OR 97214
Gen County: Not reported
TSD EPA ID: CAD097030993
TSD County: Not reported
Waste Category: Liquids with pH <= 2 with metals
Disposal Method: Not reported
Tons: 0.12
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Not reported

envid: 1000236252
Year: 2006
GEPAID: ORD000407841
Contact: GARRY SMURTHWAITE
Telephone: 5032327416
Mailing Name: Not reported
Mailing Address: 436 SE 6TH AVE
Mailing City,St,Zip: PORTLAND, OR 97214
Gen County: Not reported
TSD EPA ID: CAD097030993
TSD County: Not reported
Waste Category: Not reported
Disposal Method: Recycler

OREGON PLATING COMPANY INC (Continued) **1000236252**

Tons: Not reported
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Not reported

Click this hyperlink while viewing on your computer to access
8 additional CA_HAZNET: record(s) in the EDR Site Report.

OR MANIFEST:
Manifest Year: Manifest Year - 2016
EPA Id: ORD000407841
Inactive Status: Not reported
Organization Name: Not reported
Contact Name: Scott Hunt
Contact Telephone Number: Not reported
Mailing Address: 436 SE 6th Ave
Mailing City/State/Zip: Portland, OR 97214-1103

Manifest:
Year : 2016
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 009139683FLE
Ship Date : 04/12/2016
TSD : IDD073114654
WS Num: 1
Transporter: Not reported
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: D007
Waste Description: Waste environmentally hazardous substance, solid, Chrome
Total Amt Of Waste Stream Generated in Reporting Yr 1: 3446.6
Total Amt Of Waste Stream Generated in Reporting Yr 2: 3446.6

Manifest:
Year : 2015
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 002672539JJK
Ship Date : 05/19/2015
TSD : ORD089452353
WS Num: 1
Transporter: Not reported
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F007
Waste Description: RQ NA3077 Hazardous Waste Solid
Total Amt Of Waste Stream Generated in Reporting Yr 1: 123116.18
Total Amt Of Waste Stream Generated in Reporting Yr 2: 13605

OREGON PLATING COMPANY INC (Continued) **1000236252**

Year : 2015
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 002672547JJK
Ship Date : 05/19/2015
TSD : ORD089452353
WS Num: 1
Transporter: Not reported
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F007
Waste Description: RQ NA3077 Hazardous Waste Solid
Total Amt Of Waste Stream Generated in Reporting Yr 1: 123116.18
Total Amt Of Waste Stream Generated in Reporting Yr 2: 15872.5

Year : 2015
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 002672548JJK
Ship Date : 05/19/2015
TSD : ORD089452353
WS Num: 1
Transporter: Not reported
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F007
Waste Description: RQ NA3077 Hazardous Waste Solid
Total Amt Of Waste Stream Generated in Reporting Yr 1: 123116.18
Total Amt Of Waste Stream Generated in Reporting Yr 2: 12698

Year : 2015
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 002672549JJK
Ship Date : 05/19/2015
TSD : ORD089452353
WS Num: 1
Transporter: Not reported
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F007
Waste Description: RQ NA3077 Hazardous Waste Solid
Total Amt Of Waste Stream Generated in Reporting Yr 1: 123116.18
Total Amt Of Waste Stream Generated in Reporting Yr 2: 15736.45

Year : 2015
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 002672550JJK
Ship Date : 05/19/2015

OREGON PLATING COMPANY INC (Continued) **1000236252**

TSD : ORD089452353
WS Num: 1
Transporter: Not reported
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F007
Waste Description: RQ NA3077 Hazardous Waste Solid
Total Amt Of Waste Stream Generated in Reporting Yr 1: 123116.18
Total Amt Of Waste Stream Generated in Reporting Yr 2: 17876.97

Year : 2015
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 002672555JJK
Ship Date : 05/19/2015
TSD : ORD089452353
WS Num: 1
Transporter: Not reported
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F007
Waste Description: RQ NA3077 Hazardous Waste Solid
Total Amt Of Waste Stream Generated in Reporting Yr 1: 123116.18
Total Amt Of Waste Stream Generated in Reporting Yr 2: 4099.64

Year : 2015
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 002672663JJK
Ship Date : 05/19/2015
TSD : ORD089452353
WS Num: 1
Transporter: Not reported
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F007
Waste Description: RQ NA3077 Hazardous Waste Solid
Total Amt Of Waste Stream Generated in Reporting Yr 1: 123116.18
Total Amt Of Waste Stream Generated in Reporting Yr 2: 13605

Year : 2015
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 011946215JJK
Ship Date : 05/21/2015
TSD : ORD089452353
WS Num: 1
Transporter: Not reported
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132

OREGON PLATING COMPANY INC (Continued) **1000236252**

EPA Waste Codes: F007
Waste Description: RQ NA3077 Hazardous Waste Solid
Total Amt Of Waste Stream Generated in Reporting Yr 1: 123116.18
Total Amt Of Waste Stream Generated in Reporting Yr 2: 12698

Year : 2015
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 011946240JJK
Ship Date : 05/19/2015
TSD : ORD089452353
WS Num: 1
Transporter: Not reported
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F007
Waste Description: RQ NA3077 Hazardous Waste Solid
Total Amt Of Waste Stream Generated in Reporting Yr 1: 123116.18
Total Amt Of Waste Stream Generated in Reporting Yr 2: 16924.62

Year : 2015
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 002672539JJK
Ship Date : 05/19/2015
TSD : ORD089452353
WS Num: 1
Transporter: Not reported
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F008
Waste Description: RQ NA3077 Hazardous Waste Solid
Total Amt Of Waste Stream Generated in Reporting Yr 1: 123116.18
Total Amt Of Waste Stream Generated in Reporting Yr 2: 13605

Click this hyperlink while viewing on your computer to access
301 additional OR_MANIFEST: record(s) in the EDR Site Report.

Year : 2015
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 002672547JJK
Ship Date : 05/19/2015
TSD : ORD089452353
WS Num: 1
Transporter: Not reported
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F008
Waste Description: RQ NA3077 Hazardous Waste Solid
Total Amt Of Waste Stream Generated in Reporting Yr 1: 123116.18

OREGON PLATING COMPANY INC (Continued) **1000236252**

Total Amt Of Waste Stream Generated in Reporting Yr 2: 15872.5

Year : 2015
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 002672548JJK
Ship Date : 05/19/2015
TSD : ORD089452353
WS Num: 1
Transporter: Not reported
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F008
Waste Description: RQ NA3077 Hazardous Waste Solid
Total Amt Of Waste Stream Generated in Reporting Yr 1: 123116.18
Total Amt Of Waste Stream Generated in Reporting Yr 2: 12698

Year : 2015
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 002672549JJK
Ship Date : 05/19/2015
TSD : ORD089452353
WS Num: 1
Transporter: Not reported
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F008
Waste Description: RQ NA3077 Hazardous Waste Solid
Total Amt Of Waste Stream Generated in Reporting Yr 1: 123116.18
Total Amt Of Waste Stream Generated in Reporting Yr 2: 15736.45

Year : 2015
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 002672550JJK
Ship Date : 05/19/2015
TSD : ORD089452353
WS Num: 1
Transporter: Not reported
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F008
Waste Description: RQ NA3077 Hazardous Waste Solid
Total Amt Of Waste Stream Generated in Reporting Yr 1: 123116.18
Total Amt Of Waste Stream Generated in Reporting Yr 2: 17876.97

Year : 2015
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator

OREGON PLATING COMPANY INC (Continued) **1000236252**

Manifest : 002672555JJK
Ship Date : 05/19/2015
TSD : ORD089452353
WS Num: 1
Transporter: Not reported
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F008
Waste Description: RQ NA3077 Hazardous Waste Solid
Total Amt Of Waste Stream Generated in Reporting Yr 1: 123116.18
Total Amt Of Waste Stream Generated in Reporting Yr 2: 4099.64

Year : 2015
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 002672663JJK
Ship Date : 05/19/2015
TSD : ORD089452353
WS Num: 1
Transporter: Not reported
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F008
Waste Description: RQ NA3077 Hazardous Waste Solid
Total Amt Of Waste Stream Generated in Reporting Yr 1: 123116.18
Total Amt Of Waste Stream Generated in Reporting Yr 2: 13605

Year : 2015
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 011946215JJK
Ship Date : 05/21/2015
TSD : ORD089452353
WS Num: 1
Transporter: Not reported
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F008
Waste Description: RQ NA3077 Hazardous Waste Solid
Total Amt Of Waste Stream Generated in Reporting Yr 1: 123116.18
Total Amt Of Waste Stream Generated in Reporting Yr 2: 12698

Year : 2015
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 011946240JJK
Ship Date : 05/19/2015
TSD : ORD089452353
WS Num: 1
Transporter: Not reported
Ship Qty : Not reported

OREGON PLATING COMPANY INC (Continued) **1000236252**

Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F008
Waste Description: RQ NA3077 Hazardous Waste Solid
Total Amt Of Waste Stream Generated in Reporting Yr 1: 123116.18
Total Amt Of Waste Stream Generated in Reporting Yr 2: 16924.62

Year : 2015
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 002672539JJK
Ship Date : 05/19/2015
TSD : ORD089452353
WS Num: 1
Transporter: Not reported
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F009
Waste Description: RQ NA3077 Hazardous Waste Solid
Total Amt Of Waste Stream Generated in Reporting Yr 1: 123116.18
Total Amt Of Waste Stream Generated in Reporting Yr 2: 13605

Year : 2015
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 002672547JJK
Ship Date : 05/19/2015
TSD : ORD089452353
WS Num: 1
Transporter: Not reported
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F009
Waste Description: RQ NA3077 Hazardous Waste Solid
Total Amt Of Waste Stream Generated in Reporting Yr 1: 123116.18
Total Amt Of Waste Stream Generated in Reporting Yr 2: 15872.5

Manifest:
Year : 2013
RCRA Id : ORD000407841
Inactive : Not reported
Status: Conditionally exempt generator
Manifest : 005095275
Ship Date : 08/26/2013
TSD : IDD073114654
WS Num: 1
Transporter: ORD009227398
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F006

OREGON PLATING COMPANY INC (Continued) **1000236252**

Waste Description: waste treatment sludge
Total Amt Of Waste Stream Generated in Reporting Yr 1: 224.48249999999999
Total Amt Of Waste Stream Generated in Reporting Yr 2: 224.48249999999999

Year : 2013
RCRA Id : ORD000407841
Inactive : Not reported
Status: Conditionally exempt generator
Manifest : 005095275
Ship Date : 08/26/2013
TSD : IDD073114654
WS Num: 2
Transporter: ORD009227398
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: D002 D007
Waste Description: used inhibited hcl
Total Amt Of Waste Stream Generated in Reporting Yr 1: 673.44749999999999
Total Amt Of Waste Stream Generated in Reporting Yr 2: 673.44749999999999

Year : 2013
RCRA Id : ORD000407841
Inactive : Not reported
Status: Conditionally exempt generator
Manifest : 003095089
Ship Date : 05/28/2013
TSD : ORD981766124
WS Num: 3
Transporter: TXR000081205
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H040
EPA Waste Codes: D039
Waste Description: Degreaser solvent
Total Amt Of Waste Stream Generated in Reporting Yr 1: 54.420000000000002
Total Amt Of Waste Stream Generated in Reporting Yr 2: 18.140000000000001

Year : 2013
RCRA Id : ORD000407841
Inactive : Not reported
Status: Conditionally exempt generator
Manifest : 003681586
Ship Date : 01/16/2013
TSD : ORD981766124
WS Num: 3
Transporter: TXR000081205
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H040
EPA Waste Codes: D039
Waste Description: Degreaser solvent
Total Amt Of Waste Stream Generated in Reporting Yr 1: 54.420000000000002
Total Amt Of Waste Stream Generated in Reporting Yr 2: 18.140000000000001

Year : 2013
RCRA Id : ORD000407841

OREGON PLATING COMPANY INC (Continued) **1000236252**

Inactive : Not reported
Status: Conditionally exempt generator
Manifest : 003740647
Ship Date : 09/23/2013
TSD : ORD981766124
WS Num: 3
Transporter: TXR000081205
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H040
EPA Waste Codes: D039
Waste Description: Degreaser solvent
Total Amt Of Waste Stream Generated in Reporting Yr 1: 54.420000000000002
Total Amt Of Waste Stream Generated in Reporting Yr 2: 18.140000000000001

Manifest:
Year : 2012
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 004206227
Ship Date : 03/07/2012
TSD : IDD073114654
WS Num: 1
Transporter: ORD009227398
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: D002 D008
Waste Description: sulfuric acid and metal sludge
Total Amt Of Waste Stream Generated in Reporting Yr 1: Not reported
Total Amt Of Waste Stream Generated in Reporting Yr 2: Not reported

Year : 2012
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 004206283
Ship Date : 03/28/2012
TSD : IDD073114654
WS Num: 2
Transporter: ORD009227398
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: D002 F006
Waste Description: Wooden walkway clean up
Total Amt Of Waste Stream Generated in Reporting Yr 1: Not reported
Total Amt Of Waste Stream Generated in Reporting Yr 2: Not reported

Year : 2012
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 004206414

OREGON PLATING COMPANY INC (Continued) **1000236252**

Ship Date : 05/02/2012
TSD : IDD073114654
WS Num: 3
Transporter: ORD009227398
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F006
Waste Description: waste treatment sludge
Total Amt Of Waste Stream Generated in Reporting Yr 1: Not reported
Total Amt Of Waste Stream Generated in Reporting Yr 2: Not reported

Year : 2012
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 006198112
Ship Date : 11/20/2012
TSD : IND000646943
WS Num: 4
Transporter: ORO000006221
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H020
EPA Waste Codes: D007 D008
Waste Description: methylene chloride stripper
Total Amt Of Waste Stream Generated in Reporting Yr 1: Not reported
Total Amt Of Waste Stream Generated in Reporting Yr 2: Not reported

Year : 2012
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 002768575
Ship Date : 02/04/2012
TSD : ORD981766124
WS Num: 5
Transporter: TXR000050930
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H020
EPA Waste Codes: D039
Waste Description: Degreaser solvent
Total Amt Of Waste Stream Generated in Reporting Yr 1: Not reported
Total Amt Of Waste Stream Generated in Reporting Yr 2: Not reported

Year : 2012
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 003351847
Ship Date : 05/10/2012
TSD : ORD981766124
WS Num: 5
Transporter: TXR000050930
Ship Qty : Not reported
Rpt Unit : Not reported

OREGON PLATING COMPANY INC (Continued) **1000236252**

Off Mng : H020
EPA Waste Codes: D039
Waste Description: Degreaser solvent
Total Amt Of Waste Stream Generated in Reporting Yr 1: Not reported
Total Amt Of Waste Stream Generated in Reporting Yr 2: Not reported

Year : 2012
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 003416114
Ship Date : 09/13/2012
TSD : ORD981766124
WS Num: 5
Transporter: TXR000050930
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H020
EPA Waste Codes: D039
Waste Description: Degreaser solvent
Total Amt Of Waste Stream Generated in Reporting Yr 1: Not reported
Total Amt Of Waste Stream Generated in Reporting Yr 2: Not reported

Manifest:
Year : 2011
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 003634618
Ship Date : 01/04/2011
TSD : ORD981766124
WS Num: 1
Transporter: TXR000050930
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H039
EPA Waste Codes: D001 D018 D039 D040
Waste Description: SPENT SOLVENT
Total Amt Of Waste Stream Generated in Reporting Yr 1: 38.094000000000001
Total Amt Of Waste Stream Generated in Reporting Yr 2: 12.698

Year : 2011
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 004325144
Ship Date : 09/08/2011
TSD : ORD981766124
WS Num: 1
Transporter: TXR000050930
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H039
EPA Waste Codes: D001 D018 D039 D040
Waste Description: SPENT SOLVENT

OREGON PLATING COMPANY INC (Continued) **1000236252**

Total Amt Of Waste Stream Generated in Reporting Yr 1: 38.094000000000001
Total Amt Of Waste Stream Generated in Reporting Yr 2: 12.698

Year : 2011
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 003604852
Ship Date : 04/26/2011
TSD : ORD981766124
WS Num: 1
Transporter: TXR000050930
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H039
EPA Waste Codes: D001 D018 D039 D040
Waste Description: SPENT SOLVENT
Total Amt Of Waste Stream Generated in Reporting Yr 1: 38.094000000000001
Total Amt Of Waste Stream Generated in Reporting Yr 2: 12.698

Year : 2011
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 002538804
Ship Date : 06/22/2011
TSD : IDD073114654
WS Num: 2
Transporter: ORD009227398
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F006
Waste Description: sludge from batch treatment
Total Amt Of Waste Stream Generated in Reporting Yr 1: 748.27499999999998
Total Amt Of Waste Stream Generated in Reporting Yr 2: 498.85000000000002

Year : 2011
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 004205090
Ship Date : 09/21/2011
TSD : ORD981766124
WS Num: 2
Transporter: ORD009227398
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F006
Waste Description: sludge from batch treatment
Total Amt Of Waste Stream Generated in Reporting Yr 1: 748.27499999999998
Total Amt Of Waste Stream Generated in Reporting Yr 2: 249.42500000000001

Year : 2011
RCRA Id : ORD000407841
Inactive : Not reported

OREGON PLATING COMPANY INC (Continued) **1000236252**

Status: Large quantity generator
Manifest : 002538804
Ship Date : 06/22/2011
TSD : IDD073114654
WS Num: 3
Transporter: ORD009227398
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: D002
Waste Description: Contaminated nickel bath, dirty
Total Amt Of Waste Stream Generated in Reporting Yr 1: 498.85000000000002
Total Amt Of Waste Stream Generated in Reporting Yr 2: 498.85000000000002

Year : 2011
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 004205090
Ship Date : 09/21/2011
TSD : IDD073114654
WS Num: 4
Transporter: ORD009227398
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: D002 D007
Waste Description: Used Nitric acid (rack stripper)
Total Amt Of Waste Stream Generated in Reporting Yr 1: 249.42500000000001
Total Amt Of Waste Stream Generated in Reporting Yr 2: 249.42500000000001

Year : 2011
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 004205090
Ship Date : 09/21/2011
TSD : IDD073114654
WS Num: 5
Transporter: ORD009227398
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: D002 D007
Waste Description: Spent Inh. Hcl from pickeling
Total Amt Of Waste Stream Generated in Reporting Yr 1: 1346.895
Total Amt Of Waste Stream Generated in Reporting Yr 2: 1346.895

Manifest:
Year : 2010
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 005569202
Ship Date : 06/30/2010

OREGON PLATING COMPANY INC (Continued) **1000236252**

TSD : IDD073114654
WS Num: 1
Transporter: ORD009227398
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F006
Waste Description: sludge from batch treatment
Total Amt Of Waste Stream Generated in Reporting Yr 1: 1489.7474999999999
Total Amt Of Waste Stream Generated in Reporting Yr 2: 816.29999999999995

Year : 2010
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 006908073
Ship Date : 09/22/2010
TSD : IDD073114654
WS Num: 1
Transporter: ORD009227398
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F006
Waste Description: sludge from batch treatment
Total Amt Of Waste Stream Generated in Reporting Yr 1: 1489.7474999999999
Total Amt Of Waste Stream Generated in Reporting Yr 2: 224.48249999999999

Year : 2010
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 005569056
Ship Date : 05/05/2010
TSD : IDD073114654
WS Num: 1
Transporter: ORD009227398
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F006
Waste Description: sludge from batch treatment
Total Amt Of Waste Stream Generated in Reporting Yr 1: 1489.7474999999999
Total Amt Of Waste Stream Generated in Reporting Yr 2: 448.96499999999997

Year : 2010
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 005569202
Ship Date : 06/30/2010
TSD : IDD073114654
WS Num: 2
Transporter: ORD009227398
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132

OREGON PLATING COMPANY INC (Continued) **1000236252**

EPA Waste Codes: D002
Waste Description: wrong chemical mixture
Total Amt Of Waste Stream Generated in Reporting Yr 1: 1360.5
Total Amt Of Waste Stream Generated in Reporting Yr 2: 1360.5

Year : 2010
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 005569202
Ship Date : 06/30/2010
TSD : IDD073114654
WS Num: 3
Transporter: ORD009227398
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: D002 D007
Waste Description: Sludge from tank bottom
Total Amt Of Waste Stream Generated in Reporting Yr 1: 113.375
Total Amt Of Waste Stream Generated in Reporting Yr 2: 113.375

Year : 2010
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 005569202
Ship Date : 06/30/2010
TSD : IDD073114654
WS Num: 4
Transporter: ORD009227398
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: D002
Waste Description: anode bags from copper & nickel tanks
Total Amt Of Waste Stream Generated in Reporting Yr 1: 90.700000000000003
Total Amt Of Waste Stream Generated in Reporting Yr 2: 90.700000000000003

Year : 2010
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 006908073
Ship Date : 09/22/2010
TSD : IDD073114654
WS Num: 5
Transporter: ORD009227398
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: D002
Waste Description: Acid copper bath, contaminated, old
Total Amt Of Waste Stream Generated in Reporting Yr 1: 3142.7550000000001
Total Amt Of Waste Stream Generated in Reporting Yr 2: 3142.7550000000001

Year : 2010

OREGON PLATING COMPANY INC (Continued) **1000236252**

RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 006908073
Ship Date : 09/22/2010
TSD : IDD073114654
WS Num: 6
Transporter: ORD009227398
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: D002
Waste Description: Contaminated nickel bath, dirty
Total Amt Of Waste Stream Generated in Reporting Yr 1: 224.48249999999999
Total Amt Of Waste Stream Generated in Reporting Yr 2: 224.48249999999999

Year : 2010
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 006908073
Ship Date : 09/22/2010
TSD : IDD073114654
WS Num: 7
Transporter: ORD009227398
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: D002
Waste Description: Used carbon from Nickel filter
Total Amt Of Waste Stream Generated in Reporting Yr 1: 158.72499999999999
Total Amt Of Waste Stream Generated in Reporting Yr 2: 158.72499999999999

Year : 2010
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 006908101
Ship Date : 10/06/2010
TSD : IDD073114654
WS Num: 8
Transporter: ORD009227398
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F006
Waste Description: Cyanide copper bath, spent, contaminated
Total Amt Of Waste Stream Generated in Reporting Yr 1: 1571.3775000000001
Total Amt Of Waste Stream Generated in Reporting Yr 2: 1571.3775000000001

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301 additional OR_MANIFEST: record(s) in the EDR Site Report.

Year : 2010
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator

OREGON PLATING COMPANY INC (Continued) **1000236252**

Manifest : 000375009
Ship Date : 08/17/2010
TSD : ORD981766124
WS Num: 9
Transporter: TXR000050930
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H020
EPA Waste Codes: D001 D018 D039 D040
Waste Description: SPENT SOLVENT
Total Amt Of Waste Stream Generated in Reporting Yr 1: 25.396000000000001
Total Amt Of Waste Stream Generated in Reporting Yr 2: 12.698

Year : 2010
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 002400761
Ship Date : 04/15/2010
TSD : ORD981766124
WS Num: 9
Transporter: TXR000050930
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H020
EPA Waste Codes: D001 D018 D039 D040
Waste Description: SPENT SOLVENT
Total Amt Of Waste Stream Generated in Reporting Yr 1: 25.396000000000001
Total Amt Of Waste Stream Generated in Reporting Yr 2: 12.698

Manifest:
Year : 2009
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 000964056
Ship Date : 01/06/2009
TSD : IDD073114654
WS Num: 1
Transporter: ORD009227398
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F006
Waste Description: sludge from batch waste treatment (undried)
Total Amt Of Waste Stream Generated in Reporting Yr 1: 2020.3425
Total Amt Of Waste Stream Generated in Reporting Yr 2: 673.44749999999999

Year : 2009
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 003997330
Ship Date : 10/07/2009
TSD : IDD073114654

OREGON PLATING COMPANY INC (Continued) **1000236252**

WS Num: 1
Transporter: ORD009227398
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F006
Waste Description: sludge from batch waste treatment (undried)
Total Amt Of Waste Stream Generated in Reporting Yr 1: 2020.3425
Total Amt Of Waste Stream Generated in Reporting Yr 2: 448.96499999999997

Year : 2009
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 001330576
Ship Date : 01/23/2009
TSD : ORD981766124
WS Num: 2
Transporter: TRX000050930
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H020
EPA Waste Codes: D001 D018 D039 D040
Waste Description: SPENT SOLVENT
Total Amt Of Waste Stream Generated in Reporting Yr 1: 40.814999999999998
Total Amt Of Waste Stream Generated in Reporting Yr 2: 24.489000000000001

Year : 2009
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 000964338
Ship Date : 03/26/2009
TSD : IDD073114654
WS Num: 1
Transporter: ORD009227398
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F006
Waste Description: sludge from batch waste treatment (undried)
Total Amt Of Waste Stream Generated in Reporting Yr 1: 2020.3425
Total Amt Of Waste Stream Generated in Reporting Yr 2: 448.96499999999997

Year : 2009
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 001792054
Ship Date : 08/06/2009
TSD : ORD981766124
WS Num: 2
Transporter: TRX000050930
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H020
EPA Waste Codes: D001 D018 D039 D040

OREGON PLATING COMPANY INC (Continued) **1000236252**

Waste Description: SPENT SOLVENT
Total Amt Of Waste Stream Generated in Reporting Yr 1: 40.814999999999998
Total Amt Of Waste Stream Generated in Reporting Yr 2: 16.326000000000001

Year : 2009
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 003997609
Ship Date : 06/24/2009
TSD : KSD980633259
WS Num: 4
Transporter: ORD009227398
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H061
EPA Waste Codes: D001 F002
Waste Description: SPENT PAINT STRIPPER MCHF
Total Amt Of Waste Stream Generated in Reporting Yr 1: 75.734499999999997
Total Amt Of Waste Stream Generated in Reporting Yr 2: 75.734499999999997

Year : 2009
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 003997607
Ship Date : 06/24/2009
TSD : IDD073114654
WS Num: 1
Transporter: ORD009227398
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F006
Waste Description: sludge from batch waste treatment (undried)
Total Amt Of Waste Stream Generated in Reporting Yr 1: 2020.3425
Total Amt Of Waste Stream Generated in Reporting Yr 2: 448.96499999999997

Year : 2009
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 000012816
Ship Date : 07/22/2009
TSD : IDD073114654
WS Num: 3
Transporter: ORD009227398
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: D002 D007
Waste Description: contaminated wood decking from stripping area
Total Amt Of Waste Stream Generated in Reporting Yr 1: 226.75
Total Amt Of Waste Stream Generated in Reporting Yr 2: 226.75

OREGON PLATING COMPANY INC (Continued) **1000236252**

Manifest:
Year : 2008
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 000964016
Ship Date : 08/01/2008
TSD : IDD073114654
WS Num: 5
Transporter: ORD009227398
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: D002 D007
Waste Description: liquid from chrome room cleanup
Total Amt Of Waste Stream Generated in Reporting Yr 1: 224.48249999999999
Total Amt Of Waste Stream Generated in Reporting Yr 2: 224.48249999999999

Year : 2008
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 000964016
Ship Date : 08/01/2008
TSD : IDD073114654
WS Num: 7
Transporter: ORD009227398
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: D002 D008
Waste Description: sludge from electrostrip tank
Total Amt Of Waste Stream Generated in Reporting Yr 1: 224.48249999999999
Total Amt Of Waste Stream Generated in Reporting Yr 2: 224.48249999999999

Year : 2008
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 000964016
Ship Date : 08/01/2008
TSD : IDD073114654
WS Num: 6
Transporter: ORD009227398
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: D002 D008
Waste Description: sulfuric acid spent strip
Total Amt Of Waste Stream Generated in Reporting Yr 1: 224.48249999999999
Total Amt Of Waste Stream Generated in Reporting Yr 2: 224.48249999999999

Year : 2008
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 000931156

OREGON PLATING COMPANY INC (Continued) **1000236252**

Ship Date : 06/25/2008
TSD : ORD981766124
WS Num: 13
Transporter: TXR000050930
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H020
EPA Waste Codes: D001 D018 D039 D040
Waste Description: SPENT SOLVENT
Total Amt Of Waste Stream Generated in Reporting Yr 1: 22.221499999999999
Total Amt Of Waste Stream Generated in Reporting Yr 2: 22.221499999999999

Year : 2008
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 000964016
Ship Date : 08/01/2008
TSD : IDD073114654
WS Num: 10
Transporter: ORD009227398
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: D002
Waste Description: contaminated nickel plating bath
Total Amt Of Waste Stream Generated in Reporting Yr 1: 224.48249999999999
Total Amt Of Waste Stream Generated in Reporting Yr 2: 224.48249999999999

Year : 2008
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 001989876
Ship Date : 04/03/2008
TSD : IDD073114654
WS Num: 11
Transporter: UTR000007708
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F006
Waste Description: sludge from batch waste treatment (undried)
Total Amt Of Waste Stream Generated in Reporting Yr 1: 2693.79
Total Amt Of Waste Stream Generated in Reporting Yr 2: 1795.8599999999999

Year : 2008
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 000964016
Ship Date : 08/01/2008
TSD : IDD073114654
WS Num: 3
Transporter: ORD009227398
Ship Qty : Not reported
Rpt Unit : Not reported

OREGON PLATING COMPANY INC (Continued) **1000236252**

Off Mng : H132
EPA Waste Codes: D007
Waste Description: old liner from chrome room moat
Total Amt Of Waste Stream Generated in Reporting Yr 1: 90.700000000000003
Total Amt Of Waste Stream Generated in Reporting Yr 2: 90.700000000000003

Year : 2008
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 000964016
Ship Date : 08/01/2008
TSD : IDD073114654
WS Num: 8
Transporter: ORD009227398
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: D007 D008
Waste Description: lead anodes from chrome plate
Total Amt Of Waste Stream Generated in Reporting Yr 1: 115.6425
Total Amt Of Waste Stream Generated in Reporting Yr 2: 115.6425

Year : 2008
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 003988774
Ship Date : 08/22/2008
TSD : IDD073114654
WS Num: 1
Transporter: ORD009227398
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: D007
Waste Description: wood decking from chrome room clean-up (contaminated)
Total Amt Of Waste Stream Generated in Reporting Yr 1: 453.5
Total Amt Of Waste Stream Generated in Reporting Yr 2: 453.5

Year : 2008
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 000964016
Ship Date : 08/01/2008
TSD : IDD073114654
WS Num: 11
Transporter: ORD009227398
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F006
Waste Description: sludge from batch waste treatment (undried)
Total Amt Of Waste Stream Generated in Reporting Yr 1: 2693.79
Total Amt Of Waste Stream Generated in Reporting Yr 2: 897.92999999999995

OREGON PLATING COMPANY INC (Continued) **1000236252**

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Year : 2008
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 000964016
Ship Date : 08/01/2008
TSD : IDD073114654
WS Num: 4
Transporter: ORD009227398
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: D007
Waste Description: old chrome dragout rinse tank
Total Amt Of Waste Stream Generated in Reporting Yr 1: 226.75
Total Amt Of Waste Stream Generated in Reporting Yr 2: 226.75

Year : 2008
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 003988774
Ship Date : 08/22/2008
TSD : IDD073114654
WS Num: 2
Transporter: ORD009227398
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F006
Waste Description: moat clean-up (nickel area)
Total Amt Of Waste Stream Generated in Reporting Yr 1: 224.48249999999999
Total Amt Of Waste Stream Generated in Reporting Yr 2: 224.48249999999999

Manifest:
Year : 2007
RCRA Id : ORD000407841
Inactive : Not reported
Status: Small quantity generator
Manifest : 001983670
Ship Date : 07/27/2007
TSD : IDD073114654
WS Num: 3
Transporter: WAR000001263
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: D002 D008
Waste Description: Electro-strip sludge from tank bottom Nickel strip (sulfuric acid)
Total Amt Of Waste Stream Generated in Reporting Yr 1: 462.56999999999999
Total Amt Of Waste Stream Generated in Reporting Yr 2: 462.56999999999999

OREGON PLATING COMPANY INC (Continued) **1000236252**

Year : 2007
RCRA Id : ORD000407841
Inactive : Not reported
Status: Small quantity generator
Manifest : 001983976
Ship Date : 11/09/2007
TSD : IDD073114654
WS Num: 2
Transporter: ORD009227398
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F006
Waste Description: Wood debris from decking in plating area contam. w/ copper & nickel sal
Total Amt Of Waste Stream Generated in Reporting Yr 1: 215.41
Total Amt Of Waste Stream Generated in Reporting Yr 2: 215.41

Year : 2007
RCRA Id : ORD000407841
Inactive : Not reported
Status: Small quantity generator
Manifest : 001983976
Ship Date : 11/09/2007
TSD : IDD073114654
WS Num: 1
Transporter: ORD009227398
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F006
Waste Description: Multi-metal sludge - dry slude from waste water treatment system.
Total Amt Of Waste Stream Generated in Reporting Yr 1: 136.96000000000001
Total Amt Of Waste Stream Generated in Reporting Yr 2: 136.96000000000001

Manifest:
Year : 2006
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 71933
Ship Date : 04/14/2006
TSD : OHD980613541
WS Num: Not reported
Transporter: ORD009227398
Ship Qty : 1445
Rpt Unit : LB
Off Mng : H040
EPA Waste Codes: D002 D006 D007
Waste Description: Spent - contaminated copper cyanide plating solution
Total Amt Of Waste Stream Generated in Reporting Yr 1: Not reported
Total Amt Of Waste Stream Generated in Reporting Yr 2: Not reported

Year : 2006
RCRA Id : ORD000407841
Inactive : Not reported

OREGON PLATING COMPANY INC (Continued) **1000236252**

Status: Large quantity generator
Manifest : 000965640
Ship Date : 09/14/2006
TSD : IDD073114654
WS Num: Not reported
Transporter: ORD009227398
Ship Qty : 459
Rpt Unit : LB
Off Mng : H132
EPA Waste Codes: D002
Waste Description: Copper Sulfate crystals removed from secondary containment.
Total Amt Of Waste Stream Generated in Reporting Yr 1: Not reported
Total Amt Of Waste Stream Generated in Reporting Yr 2: Not reported

Year : 2006
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 71706
Ship Date : 02/03/2006
TSD : WAD067548966
WS Num: Not reported
Transporter: ORD009227398
Ship Qty : 500
Rpt Unit : LB
Off Mng : H132
EPA Waste Codes: D002 D007 F006
Waste Description: Nickel sludge removed from secondary containment
Total Amt Of Waste Stream Generated in Reporting Yr 1: Not reported
Total Amt Of Waste Stream Generated in Reporting Yr 2: Not reported

Year : 2006
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 71706
Ship Date : 02/03/2006
TSD : WAD067548966
WS Num: Not reported
Transporter: ORD009227398
Ship Qty : 3465
Rpt Unit : LB
Off Mng : H132
EPA Waste Codes: D002 D007 F006
Waste Description: Chrome and Nickel liquid removed from secondary containment
Total Amt Of Waste Stream Generated in Reporting Yr 1: Not reported
Total Amt Of Waste Stream Generated in Reporting Yr 2: Not reported

Year : 2006
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 000965640
Ship Date : 09/14/2006
TSD : IDD073114654
WS Num: Not reported
Transporter: ORD009227398

OREGON PLATING COMPANY INC (Continued) **1000236252**

Ship Qty : 459
Rpt Unit : LB
Off Mng : H132
EPA Waste Codes: D002
Waste Description: Contaminated Nickel plating bath removed from secondary containment.
Total Amt Of Waste Stream Generated in Reporting Yr 1: Not reported
Total Amt Of Waste Stream Generated in Reporting Yr 2: Not reported

Year : 2006
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 71762
Ship Date : 02/17/2006
TSD : OHD980613541
WS Num: Not reported
Transporter: ORD009227398
Ship Qty : 465
Rpt Unit : LB
Off Mng : H040
EPA Waste Codes: D002
Waste Description: Ammoniated strip spent for nickel - copper removal
Total Amt Of Waste Stream Generated in Reporting Yr 1: Not reported
Total Amt Of Waste Stream Generated in Reporting Yr 2: Not reported

Year : 2006
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 71707
Ship Date : 02/03/2006
TSD : CAD097030993
WS Num: Not reported
Transporter: ORD009227398
Ship Qty : 255
Rpt Unit : LB
Off Mng : H081
EPA Waste Codes: D002
Waste Description: Electro-strip sludge from tank bottom (Nickel strip)
Total Amt Of Waste Stream Generated in Reporting Yr 1: Not reported
Total Amt Of Waste Stream Generated in Reporting Yr 2: Not reported

Year : 2006
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 000965640
Ship Date : 09/14/2006
TSD : IDD073114654
WS Num: Not reported
Transporter: ORD009227398
Ship Qty : 550
Rpt Unit : LB
Off Mng : H132
EPA Waste Codes: F006
Waste Description: Multi-metal sludge - from pretreatment waste treatment of spent acids.
Total Amt Of Waste Stream Generated in Reporting Yr 1: Not reported

OREGON PLATING COMPANY INC (Continued) **1000236252**

Total Amt Of Waste Stream Generated in Reporting Yr 2: Not reported

Year : 2006
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 72036
Ship Date : 05/25/2006
TSD : CAD097030993
WS Num: Not reported
Transporter: ORD009227398
Ship Qty : 255
Rpt Unit : LB
Off Mng : H081
EPA Waste Codes: D002
Waste Description: Electro-strip sludge from tank bottom (Nickel strip)
Total Amt Of Waste Stream Generated in Reporting Yr 1: Not reported
Total Amt Of Waste Stream Generated in Reporting Yr 2: Not reported

Year : 2006
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 71634
Ship Date : 01/11/2006
TSD : WAD067548966
WS Num: Not reported
Transporter: ORD009227398
Ship Qty : 450
Rpt Unit : LB
Off Mng : H132
EPA Waste Codes: D002
Waste Description: Spent strip sludge - Ammoniated stipper discontinued
Total Amt Of Waste Stream Generated in Reporting Yr 1: Not reported
Total Amt Of Waste Stream Generated in Reporting Yr 2: Not reported

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Year : 2006
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 71706
Ship Date : 02/03/2006
TSD : WAD067548966
WS Num: Not reported
Transporter: ORD009227398
Ship Qty : 540
Rpt Unit : LB
Off Mng : H132
EPA Waste Codes: D002 D007 F006
Waste Description: Chrome - Nickel sludge removed from secondary containment.
Total Amt Of Waste Stream Generated in Reporting Yr 1: Not reported
Total Amt Of Waste Stream Generated in Reporting Yr 2: Not reported

Year : 2006

OREGON PLATING COMPANY INC (Continued) **1000236252**

RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 72035
Ship Date : 05/25/2006
TSD : ORD089452353
WS Num: Not reported
Transporter: ORD009227398
Ship Qty : 550
Rpt Unit : LB
Off Mng : H132
EPA Waste Codes: F006
Waste Description: Multi-metal sludge - from pretreatment waste treatment of spent acids.
Total Amt Of Waste Stream Generated in Reporting Yr 1: Not reported
Total Amt Of Waste Stream Generated in Reporting Yr 2: Not reported

Year : 2006
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 001668552
Ship Date : 12/20/2006
TSD : IDD073114654
WS Num: Not reported
Transporter: ORD009227398
Ship Qty : 286
Rpt Unit : LB
Off Mng : H132
EPA Waste Codes: F006
Waste Description: Multi-metal sludge - from pretreatment waste treatment of spent acids.
Total Amt Of Waste Stream Generated in Reporting Yr 1: Not reported
Total Amt Of Waste Stream Generated in Reporting Yr 2: Not reported

Year : 2006
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 71707
Ship Date : 02/03/2006
TSD : CAD097030993
WS Num: Not reported
Transporter: ORD009227398
Ship Qty : 935
Rpt Unit : LB
Off Mng : H081
EPA Waste Codes: D002
Waste Description: Electro-strip liquid- spent stripping solution (Nickel strip) sulfuric acid
Total Amt Of Waste Stream Generated in Reporting Yr 1: Not reported
Total Amt Of Waste Stream Generated in Reporting Yr 2: Not reported

Year : 2006
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 000965640
Ship Date : 09/14/2006
TSD : IDD073114654

OREGON PLATING COMPANY INC (Continued) **1000236252**

WS Num: Not reported
Transporter: ORD009227398
Ship Qty : 459
Rpt Unit : LB
Off Mng : H132
EPA Waste Codes: D002
Waste Description: Spent nitric acid - used for strippint plating from racks
Total Amt Of Waste Stream Generated in Reporting Yr 1: Not reported
Total Amt Of Waste Stream Generated in Reporting Yr 2: Not reported

Year : 2006
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 71762
Ship Date : 02/17/2006
TSD : OHD980613541
WS Num: Not reported
Transporter: ORD009227398
Ship Qty : 1394
Rpt Unit : LB
Off Mng : H040
EPA Waste Codes: D002
Waste Description: Zincate liquid - discontinued process for plating on aluminum
Total Amt Of Waste Stream Generated in Reporting Yr 1: Not reported
Total Amt Of Waste Stream Generated in Reporting Yr 2: Not reported

Year : 2006
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 001668552
Ship Date : 12/20/2006
TSD : IDD073114654
WS Num: Not reported
Transporter: ORD009227398
Ship Qty : 2010
Rpt Unit : LB
Off Mng : H132
EPA Waste Codes: F006
Waste Description: Wood debris from decking in plating area contam. with copper & nickel s
Total Amt Of Waste Stream Generated in Reporting Yr 1: Not reported
Total Amt Of Waste Stream Generated in Reporting Yr 2: Not reported

Year : 2006
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 000965845
Ship Date : 10/25/2006
TSD : AZD081705402
WS Num: Not reported
Transporter: ORD009227398
Ship Qty : 100
Rpt Unit : LB
Off Mng : H040
EPA Waste Codes: D003 P106

OREGON PLATING COMPANY INC (Continued) **1000236252**

Waste Description: Outdated chemical - stripping process no longer used.
Total Amt Of Waste Stream Generated in Reporting Yr 1: Not reported
Total Amt Of Waste Stream Generated in Reporting Yr 2: Not reported

Year : 2006
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 71635
Ship Date : 01/11/2006
TSD : CAD097030993
WS Num: Not reported
Transporter: ORD009227398
Ship Qty : 468
Rpt Unit : LB
Off Mng : H081
EPA Waste Codes: D002
Waste Description: Electro-strip sludge from tank bottom (Nickel strip)
Total Amt Of Waste Stream Generated in Reporting Yr 1: Not reported
Total Amt Of Waste Stream Generated in Reporting Yr 2: Not reported

Year : 2006
RCRA Id : ORD000407841
Inactive : Not reported
Status: Large quantity generator
Manifest : 72036
Ship Date : 05/25/2006
TSD : CAD097030993
WS Num: Not reported
Transporter: ORD009227398
Ship Qty : 468
Rpt Unit : LB
Off Mng : H081
EPA Waste Codes: D002
Waste Description: Electro-strip liquid- spent stripping solution (Nickel strip) sulfuric acid
Total Amt Of Waste Stream Generated in Reporting Yr 1: Not reported
Total Amt Of Waste Stream Generated in Reporting Yr 2: Not reported

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AU194 **HEATING OIL TANK** **OR LUST** **S111252734**
WSW **602 SE SALMON ST** **N/A**
1/4-1/2 **PORTLAND, OR 97205**
0.295 mi.
1558 ft. **Site 4 of 4 in cluster AU**

Relative: LUST:
Lower
Actual: Region: North Western Region
56 ft. Facility ID: 26-05-2578
Cleanup Received Date: 12/08/2005
Cleanup Start Date: 12/06/2005
Cleanup Complete Date: 01/19/2006
Decode for Region: North West Region

BE195 **SPACE AGE FUELS** **OR LUST** **1000913313**
South **1237 SE HAWTHORNE BLVD** **OR UST** **OR0000565069**
1/4-1/2 **PORTLAND, OR 97214** **RCRA NonGen / NLR**
0.297 mi. **FINDS**
1569 ft. **Site 1 of 4 in cluster BE** **ECHO**

Relative:
Lower

Actual:
47 ft.

LUST:

Region:	North Western Region
Facility ID:	26-92-0208
Cleanup Received Date:	07/27/1992
Cleanup Start Date:	07/27/1992
Cleanup Complete Date:	**12/22/2014**
Decode for Region:	**North West Region**

UST:

Facility ID:	8011
Facility Telephone:	(503)275-7411
Permittee Name:	MELVINA TAYLOR, PROPERTY MANAGER
Number of Permitted Tanks:	Not reported
Active Tanks:	Not reported
Decommissioned Tanks:	5
Number of Tanks:	5

RCRA NonGen / NLR:

Date form received by agency:	07/05/2001
Facility name:	SPACE AGE FUELS
Facility address:	1237 SE HAWTHORNE BLVD PORTLAND, OR 97214
EPA ID:	OR0000565069
Mailing address:	11020 SW CLAY STREET SHERWOOD, OR 97140
Contact:	ERNIE R BIGHAUS
Contact address:	25455 SW GRAHAMS FERRY RD SHERWOOD, OR 97140
Contact country:	US
Contact telephone:	503-682-0781
Contact email:	Not reported
EPA Region:	10
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	US BANK REAL ESTATE
Owner/operator address:	PO BOX 3168 PORTLAND, OR 97208
Owner/operator country:	US
Owner/operator telephone:	503-275-5900
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Owner
Owner/Op start date:	07/05/2001
Owner/Op end date:	Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No

SPACE AGE FUELS (Continued) **1000913313**

Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 08/09/1994
Site name: SPACE AGE FUELS
Classification: Not a generator, verified

. Waste code: NONE
. Waste name: None

Violation Status: No violations found

FINDS:

Registry ID: 110004774557

Environmental Interest/Information System
OR-DEQ (Oregon - Department Of Environmental Quality) is a regulatory agency whose job is to protect the quality of Oregon's Environment. DEQ uses a combination of technical assistance, inspections and permitting to help public and private facilities and citizens understand and comply with state and federal environmental regulations.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000913313
Registry ID: 110004774557
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004774557

AY196 **HEATING OIL TANK** **OR LUST** **S105856370**
East **1742 SE BELMONT STREET** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.298 mi.
1573 ft. **Site 3 of 3 in cluster AY**

Relative: LUST:
Higher
Actual: Region: North Western Region
115 ft. Facility ID: 26-03-0322
Cleanup Received Date: 02/20/2003
Cleanup Start Date: 02/24/2003
Cleanup Complete Date: 04/04/2003
Decode for Region: North West Region

AX197 **HEATING OIL TANK** **OR LUST** **S119015466**
SSE **1335 SE HAWTHORNE BLVD** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.298 mi.
1576 ft. **Site 3 of 3 in cluster AX**

Relative: LUST:
Lower
Actual: Region: North Western Region
51 ft. Facility ID: 26-16-1137
Cleanup Received Date: 08/29/2016
Cleanup Start Date: Not reported
Cleanup Complete Date: 01/22/2018
Decode for Region: North West Region

AW198 **HEATING OIL TANK** **OR LUST** **S103543151**
SE **1623 SE MAIN** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.299 mi.
1578 ft. **Site 2 of 2 in cluster AW**

Relative: LUST:
Higher
Actual: Region: North Western Region
83 ft. Facility ID: 26-98-1014
Cleanup Received Date: 11/17/1998
Cleanup Start Date: 06/21/1999
Cleanup Complete Date: 02/08/2000
Decode for Region: North West Region

BD199 **HEATING OIL TANK** **OR LUST** **S103839199**
North **1030 SE ASH** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.302 mi.
1595 ft. **Site 2 of 2 in cluster BD**

Relative: LUST:
Higher
Actual: Region: North Western Region
88 ft. Facility ID: 26-99-0542
Cleanup Received Date: 05/27/1999
Cleanup Start Date: Not reported
Cleanup Complete Date: Not reported
Decode for Region: North West Region

BF200 **GRAND AVENUE 7-ELEVEN** **OR ECSI** **S120851092**
WSW **1024 SE GRAND AVE.** **OR VCP** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.302 mi.
1596 ft. **Site 1 of 2 in cluster BF**

Relative:
Lower

Actual:
55 ft.

ECSI:

State ID Number:	6199
Brown ID:	0
Study Area:	False
Region ID:	2
Legislatve ID:	831
Investigation:	Suspect
FACA ID:	145727
Further Action:	0
Lat/Long (dms):	45 30 55.10 / -122 39 37.80
County Code:	26.00
Score Value:	Not reported
Cerclis ID:	Not reported
Township Coord.:	1.00
Township Zone:	S
Range Coord:	1.00
Range Zone:	E
Section Coord:	2
Qtr Section:	BC
Tax Lots:	1200
Size:	0.21 acres
NPL:	False
Orphan:	False
Updated By:	KDANA
Update Date:	02/07/2018
Created Date:	05/24/2017
Decode For RegionID:	Northwest Region
Decode For BrownID:	Not reported
Decode For Furtheract:	Not reported
Decode For Investstat:	Suspect
Decode For Legislative:	Owner, operator or other party under agreement, order or consent decree under ORS 465.200 or 465.420

Hazardous Release:

Substance ID.:	122085
Haz Release ID:	388405
Qty Released:	unknown
Date Released:	unknown
Update Date:	02/07/2018
Update By:	KDANA
Substance Code:	8052-41-3
Substance Name:	STODDARD SOLVENTS
Substance Abbrev.:	Not reported
Comment ID:	305852
Release Code:	Data Sources
Release Comments:	February 2017 Point Source Solutions Phase 2 ESA
Decode for Relcomcd:	Data Sources
Comment ID:	305853
Release Code:	General Comments
Release Comments:	Gasoline-range organics identified by the laboratory as Stoddard Solvents
Decode for Relcomcd:	General Comments
Comment ID:	305854
Release Code:	Release Containment

GRAND AVENUE 7-ELEVEN (Continued) **S120851092**

Release Comments: Highest concentration detected in boring SB16
Decode for Relcomcd: Release Containment
Sampling Result ID: 350988
Feature Id: 0
Hazard Release Id: 388405
Medium: 703
Substance Abbrev.: 0
Unit Code: 7
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: 11 ft bgs
Start Date: 01/06/2017
End Date: 01/06/2017
Min Concentration: Not reported
Max Concentration: 21800.00
Sample Comment: up to 21,800 ppm
Last Update By: KDANA
Update Date: 02/07/2018
Decode for MediumID: Soil

Substance ID.: 121608
Haz Release ID: 388406
Qty Released: unknown
Date Released: unknown
Update Date: 02/07/2018
Update By: KDANA
Substance Code: 71-43-2
Substance Name: BENZENE
Substance Abbrev.: Not reported
Substance Category ID: 8502
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8502
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 319178
Sub Alias Name: BENZOL
Substance Alias ID: 319179
Sub Alias Name: COAL NAPTHA
Substance Alias ID: 319180
Sub Alias Name: CYCLOHEXATRIENE
Substance Alias ID: 319181
Sub Alias Name: PHENE
Substance Alias ID: 319182
Sub Alias Name: PYROBENZOL
Comment ID: 305855
Release Code: Data Sources
Release Comments: February 2017 Point Source Solutions Phase 2 ESA
Decode for Relcomcd: Data Sources
Comment ID: 305856
Release Code: Release Containment
Release Comments: Highest concentration detected in boring SB16

GRAND AVENUE 7-ELEVEN (Continued) **S120851092**

Decode for Relcomcd: Release Containment
Sampling Result ID: 350989
Feature Id: 0
Hazard Release Id: 388406
Medium: 703
Substance Abbrev.: 0
Unit Code: 7
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: 11 ft bgs
Start Date: 01/06/2017
End Date: 01/06/2017
Min Concentration: Not reported
Max Concentration: 1.27
Sample Comment: up to 1.27 ppm
Last Update By: KDANA
Update Date: 02/07/2018
Decode for MediumID: Soil

Substance ID.: 120781
Haz Release ID: 388407
Qty Released: unknown
Date Released: unknown
Update Date: 02/07/2018
Update By: KDANA
Substance Code: 100-41-4
Substance Name: ETHYLBENZENE
Substance Abbrev.: Not reported
Substance Category ID: 8515
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8515
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 316146
Sub Alias Name: ETHYLBENZOL
Substance Alias ID: 316147
Sub Alias Name: PHENYLETHANE
Comment ID: 305857
Release Code: Release Containment
Release Comments: Highest concentration detected in boring SB16
Decode for Relcomcd: Release Containment
Comment ID: 305858
Release Code: Data Sources
Release Comments: February 2017 Point Source Solutions Phase 2 ESA
Decode for Relcomcd: Data Sources
Sampling Result ID: 350990
Feature Id: 0
Hazard Release Id: 388407
Medium: 703
Substance Abbrev.: 0
Unit Code: 7

GRAND AVENUE 7-ELEVEN (Continued) **S120851092**

Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: 11 ft bgs
Start Date: 01/06/2017
End Date: 01/06/2017
Min Concentration: Not reported
Max Concentration: 17.89
Sample Comment: up to 17.89 ppm
Last Update By: KDANA
Update Date: 02/07/2018
Decode for MediumID: Soil

Substance ID.: 121868
Haz Release ID: 388408
Qty Released: unknown
Date Released: unknown
Update Date: 02/07/2018
Update By: KDANA
Substance Code: 91-20-3
Substance Name: NAPHTHALENE
Substance Abbrev.: Not reported
Substance Category ID: 8494
Substance Category: Semi-volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8494
Substance Category: Semi-volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 317793
Sub Alias Name: MOTH BALLS
Substance Alias ID: 317794
Sub Alias Name: NAPHTHENE
Substance Alias ID: 317795
Sub Alias Name: TAR CAMPHOR
Comment ID: 305859
Release Code: General Comments
Release Comments: Other Medium = Sub-slab vapors
Decode for Relcomcd: General Comments
Comment ID: 305860
Release Code: Release Containment
Release Comments: Highest concentrations detected in on-site boring SB16 (11 ft) and off-site boring SB24 (4.5 ft)
Decode for Relcomcd: Release Containment
Comment ID: 305861
Release Code: Data Sources
Release Comments: February 2017 Point Source Phase 2 ESA and May 2017 Point Source RBCA Determination
Decode for Relcomcd: Data Sources
Sampling Result ID: 350991
Feature Id: 0
Hazard Release Id: 388408
Medium: 703
Substance Abbrev.: 0

GRAND AVENUE 7-ELEVEN (Continued) **S120851092**

Unit Code:	7
Observation:	False
Owner Operator:	False
Lab Data:	True
Sample Depth:	11 ft bgs
Start Date:	01/06/2017
End Date:	01/06/2017
Min Concentration:	Not reported
Max Concentration:	13.84
Sample Comment:	up to 13.84 ppm
Last Update By:	KDANA
Update Date:	02/07/2018
Decode for MediumID:	Soil
Sampling Result ID:	350992
Feature Id:	0
Hazard Release Id:	388408
Medium:	703
Substance Abbrev.:	0
Unit Code:	7
Observation:	False
Owner Operator:	False
Lab Data:	True
Sample Depth:	4.5 ft bgs
Start Date:	03/22/2017
End Date:	03/22/2017
Min Concentration:	Not reported
Max Concentration:	37.40
Sample Comment:	up to 37.4 ppm
Last Update By:	KDANA
Update Date:	02/07/2018
Decode for MediumID:	Soil
Sampling Result ID:	350993
Feature Id:	0
Hazard Release Id:	388408
Medium:	700
Substance Abbrev.:	0
Unit Code:	95
Observation:	False
Owner Operator:	False
Lab Data:	True
Sample Depth:	Not reported
Start Date:	03/14/2017
End Date:	03/14/2017
Min Concentration:	Not reported
Max Concentration:	2.60
Sample Comment:	up to 2.6 ug/m3
Last Update By:	KDANA
Update Date:	02/07/2018
Decode for MediumID:	Other

Substance ID.:	121795
Haz Release ID:	388409
Qty Released:	unknown
Date Released:	unknown
Update Date:	02/07/2018
Update By:	KDANA
Substance Code:	80-43-3

GRAND AVENUE 7-ELEVEN (Continued) **S120851092**

Substance Name: ISOPROPYLBENZENE,P-
Substance Abbrev.: Not reported
Comment ID: 305862
Release Code: Release Containment
Release Comments: Highest concentrations detected in on-site boring SB16 (11 ft) and off-site boring SB24 (4.5 ft)
Decode for Relcomcd: Release Containment
Comment ID: 305863
Release Code: Data Sources
Release Comments: February 2017 Point Source Phase 2 ESA and May 2017 Point Source RBCA Determination
Decode for Relcomcd: Data Sources
Sampling Result ID: 350994
Feature Id: 0
Hazard Release Id: 388409
Medium: 703
Substance Abbrev.: 0
Unit Code: 7
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: 11 ft bgs
Start Date: 01/06/2017
End Date: 01/06/2017
Min Concentration: Not reported
Max Concentration: 13.91
Sample Comment: up to 13.91 ppm
Last Update By: KDANA
Update Date: 02/07/2018
Decode for MediumID: Soil
Sampling Result ID: 350995
Feature Id: 0
Hazard Release Id: 388409
Medium: 703
Substance Abbrev.: 0
Unit Code: 7
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: 4.5 ft bgs
Start Date: 03/22/2017
End Date: 03/22/2017
Min Concentration: Not reported
Max Concentration: 26.10
Sample Comment: up to 26.1 ppm
Last Update By: KDANA
Update Date: 02/07/2018
Decode for MediumID: Soil

Substance ID.: 121912
Haz Release ID: 388410
Qty Released: unknown
Date Released: unknown
Update Date: 02/07/2018
Update By: KDANA
Substance Code: 95-63-6
Substance Name: TRIMETHYLBENZENE,1,2,4-

GRAND AVENUE 7-ELEVEN (Continued) **S120851092**

Substance Abbrev.:	Not reported
Substance Alias ID:	317959
Sub Alias Name:	BENZENE,1,2,5-TRIMETHYL-
Substance Alias ID:	317960
Sub Alias Name:	CUMENE,psi-
Substance Alias ID:	317961
Sub Alias Name:	PSEUDOCUMENE
Substance Alias ID:	317962
Sub Alias Name:	PSEUDOCUMOL
Substance Alias ID:	317963
Sub Alias Name:	TRIMETHYLBENZENE,asym-
Comment ID:	305864
Release Code:	Release Containment
Release Comments:	Highest concentrations detected in on-site boring SB16 (11 ft) and off-site boring SB24 (4.5 ft)
Decode for Relcomcd:	Release Containment
Comment ID:	305865
Release Code:	Data Sources
Release Comments:	February 2017 Point Source Phase 2 ESA and May 2017 Point Source RBCA Determination
Decode for Relcomcd:	Data Sources
Sampling Result ID:	350996
Feature Id:	0
Hazard Release Id:	388410
Medium:	703
Substance Abbrev.:	0
Unit Code:	7
Observation:	False
Owner Operator:	False
Lab Data:	True
Sample Depth:	11 ft bgs
Start Date:	01/06/2017
End Date:	01/06/2017
Min Concentration:	Not reported
Max Concentration:	152.40
Sample Comment:	up to 152.4 ppm
Last Update By:	KDANA
Update Date:	02/07/2018
Decode for MediumID:	Soil
Sampling Result ID:	350997
Feature Id:	0
Hazard Release Id:	388410
Medium:	703
Substance Abbrev.:	0
Unit Code:	7
Observation:	False
Owner Operator:	False
Lab Data:	True
Sample Depth:	4.5 ft bgs
Start Date:	03/22/2017
End Date:	03/22/2017
Min Concentration:	Not reported
Max Concentration:	325.00
Sample Comment:	up to 325 ppm
Last Update By:	KDANA
Update Date:	02/07/2018
Decode for MediumID:	Soil

GRAND AVENUE 7-ELEVEN (Continued) **S120851092**

Substance ID.: 120878
Haz Release ID: 388411
Qty Released: unknown
Date Released: unknown
Update Date: 02/07/2018
Update By: KDANA
Substance Code: 108-67-8
Substance Name: TRIMETHYLBENZENE,1,3,5-
Substance Abbrev.: Not reported
Substance Alias ID: 316454
Sub Alias Name: BENZENE,1,3,5-TRIMETHYL-
Substance Alias ID: 316455
Sub Alias Name: MESITYLENE
Substance Alias ID: 316456
Sub Alias Name: TRIMENTHYLBENZENE,sym-
Substance Alias ID: 316457
Sub Alias Name: TRIMETHYLBENZOL
Comment ID: 305866
Release Code: Release Containment
Release Comments: Highest concentrations detected in on-site boring SB16 (11 ft) and off-site boring SB24 (4.5 ft)
Decode for Relcomcd: Release Containment
Comment ID: 305867
Release Code: Data Sources
Release Comments: February 2017 Point Source Phase 2 ESA and May 2017 Point Source RBCA Determination
Decode for Relcomcd: Data Sources
Sampling Result ID: 350998
Feature Id: 0
Hazard Release Id: 388411
Medium: 703
Substance Abbrev.: 0
Unit Code: 7
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: 11 ft bgs
Start Date: 01/06/2017
End Date: 01/06/2017
Min Concentration: Not reported
Max Concentration: 43.95
Sample Comment: up to 43.95 ppm
Last Update By: KDANA
Update Date: 02/07/2018
Decode for MediumID: Soil
Sampling Result ID: 350999
Feature Id: 0
Hazard Release Id: 388411
Medium: 703
Substance Abbrev.: 0
Unit Code: 7
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: 4.5 ft bgs
Start Date: 03/22/2017
End Date: 03/22/2017

GRAND AVENUE 7-ELEVEN (Continued) **S120851092**

Min Concentration: Not reported
Max Concentration: 139.00
Sample Comment: up to 139 ppm
Last Update By: KDANA
Update Date: 02/07/2018
Decode for MediumID: Soil

Substance ID.: 121051
Haz Release ID: 388412
Qty Released: unknown
Date Released: unknown
Update Date: 02/07/2018
Update By: KDANA
Substance Code: 1330-20-7
Substance Name: XYLENEs
Substance Abbrev.: Not reported
Substance Category ID: 8526
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8526
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 317017
Sub Alias Name: DIMETHYLBENZENEs
Substance Alias ID: 317018
Sub Alias Name: XYLOLs
Comment ID: 305868
Release Code: Release Containment
Release Comments: Highest concentrations detected in on-site boring SB16 (11 ft) and off-site boring SB23 (12 ft)
Decode for Relcomcd: Release Containment
Comment ID: 305869
Release Code: Data Sources
Release Comments: February 2017 Point Source Phase 2 ESA and May 2017 Point Source RBCA Determination
Decode for Relcomcd: Data Sources
Comment ID: 305870
Release Code: General Comments
Release Comments: Other Medium = Sub-slab vapors
Decode for Relcomcd: General Comments
Sampling Result ID: 351000
Feature Id: 0
Hazard Release Id: 388412
Medium: 703
Substance Abbrev.: 0
Unit Code: 7
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: 11 ft bgs
Start Date: 01/06/2017
End Date: 01/06/2017
Min Concentration: Not reported

GRAND AVENUE 7-ELEVEN (Continued) **S120851092**

Max Concentration: 59.35
Sample Comment: up to 59.35 ppm
Last Update By: KDANA
Update Date: 02/07/2018
Decode for MediumID: Soil
Sampling Result ID: 351001
Feature Id: 0
Hazard Release Id: 388412
Medium: 703
Substance Abbrev.: 0
Unit Code: 7
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: 12 ft bgs
Start Date: 03/22/2017
End Date: 03/22/2017
Min Concentration: Not reported
Max Concentration: 80.10
Sample Comment: up to 80.1 ppm
Last Update By: KDANA
Update Date: 02/07/2018
Decode for MediumID: Soil
Sampling Result ID: 351002
Feature Id: 0
Hazard Release Id: 388412
Medium: 700
Substance Abbrev.: 0
Unit Code: 95
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 03/14/2017
End Date: 03/14/2017
Min Concentration: Not reported
Max Concentration: 11.70
Sample Comment: up to 11.7 ug/m3
Last Update By: KDANA
Update Date: 02/07/2018
Decode for MediumID: Other

Substance ID.: 121011
Haz Release ID: 388413
Qty Released: unknown
Date Released: unknown
Update Date: 02/07/2018
Update By: KDANA
Substance Code: 127-18-4
Substance Name: TETRACHLOROETHYLENE
Substance Abbrev.: Not reported
Substance Category ID: 8519
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8551

GRAND AVENUE 7-ELEVEN (Continued) **S120851092**

Substance Category: Solvents of interest to Milwaukie Area GW study
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8519
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8551
Substance Category: Solvents of interest to Milwaukie Area GW study
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 316912
Sub Alias Name: ETHENE,TETRACHLORO-
Substance Alias ID: 316913
Sub Alias Name: ETHYLENE TETRACHLORIDE
Substance Alias ID: 316914
Sub Alias Name: PERCHLOROETHYLENE
Substance Alias ID: 316915
Sub Alias Name: PERCLENE
Substance Alias ID: 316916
Sub Alias Name: TETRACHLOROETHENE
Substance Alias ID: 316917
Sub Alias Name: TETRACHLOROETHENE,1,1,2,2-
Substance Alias ID: 316918
Sub Alias Name: TETRACHLOROETHYLENE,1,1,2,2-
Comment ID: 305871
Release Code: General Comments
Release Comments: Other Medium = Sub-slab vapors
Decode for Relcomcd: General Comments
Comment ID: 305872
Release Code: Data Sources
Release Comments: May 2017 Point Source Solutions RBCA Determination
Decode for Relcomcd: Data Sources
Sampling Result ID: 351003
Feature Id: 0
Hazard Release Id: 388413
Medium: 700
Substance Abbrev.: 0
Unit Code: 95
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 03/14/2017
End Date: 03/14/2017
Min Concentration: Not reported
Max Concentration: 23.00
Sample Comment: up to 23 ug/m3
Last Update By: KDANA
Update Date: 02/07/2018
Decode for MediumID: Other

Narrative:
NARR ID: 5757050
NARR Code: Data Sources

GRAND AVENUE 7-ELEVEN (Continued) **S120851092**

Created By: KDANA
Created Date: 02/07/2018
Updated By: KDANA
Updated Date: 09/20/2018
Decode for NarcdID: Data Sources
NARR Comments: 1) Chugwater <quot>Subsurface Environmental Site Assessment<quot> (Arcoa Building) [March 12, 2013]. 2) Point Source Solutions <quot>Phase II Environmental Site Assessment<quot> [February 21, 2017]. 3) Point Source Solutions <quot>Risk Based Corrective Action Determination<quot> [May 22, 2017]. 4) Point Source Solutions <quot>Additional Investigation Data<quot> [September 11, 2018]. 5) LUST file #26-17-0020.

NARR ID: 5757049
NARR Code: Hazardous Substance/Waste Types
Created By: KDANA
Created Date: 02/07/2018
Updated By: KDANA
Updated Date: 02/07/2018
Decode for NarcdID: Hazardous Substance/Waste Types
NARR Comments: Stoddard solvents and volatile organic compounds (VOCs)

NARR ID: 5757261
NARR Code: Site Location
Created By: KDANA
Created Date: 09/20/2018
Updated By: KDANA
Updated Date: 09/20/2018
Decode for NarcdID: Site Location
NARR Comments: The site is located on the northeast corner of the intersection of SE Grand Avenue and Taylor Street in Portland.

NARR ID: 5757048
NARR Code: Site History
Created By: KDANA
Created Date: 02/07/2018
Updated By: KDANA
Updated Date: 02/14/2018
Decode for NarcdID: Site History
NARR Comments: The current 7-Eleven building was reportedly constructed in 1920. According to Sanborn maps the site was used for auto repair in the 1920s and '30s and for auto sales and service in the 1950s and '60s. A dry cleaning and dyeing facility operated immediately to the north of the 7-Eleven building from about 1909 to 1959.

Administrative Action:
Action ID: 9424
Region: Not reported
Complete Date: 05/24/2017
Rank Value: Not reported
Cleanup Flag: False
Created Date: 05/24/2017
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Administrative Action
Action Code Flag: False
Action: Site added to database
Further Action: Not reported

GRAND AVENUE 7-ELEVEN (Continued) **S120851092**

Comments: Not reported

Action ID: 9519
Region: Northwestern Region
Complete Date: 09/11/2017
Rank Value: Not reported
Cleanup Flag: False
Created Date: 05/24/2017
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: VCS Waiting List
Further Action: 0
Comments: Not reported

Action ID: 9425
Region: Northwestern Region
Complete Date: Not reported
Rank Value: Not reported
Cleanup Flag: False
Created Date: 09/12/2017
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: SITE EVALUATION
Further Action: 0
Comments: Not reported

Action ID: 9459
Region: Northwestern Region
Complete Date: 03/21/2018
Rank Value: Not reported
Cleanup Flag: False
Created Date: 11/19/2018
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: PRELIMINARY ASSESSMENT EQUIVALENT
Further Action: 0
Comments: Not reported

Action ID: 9511
Region: Northwestern Region
Complete Date: Not reported
Rank Value: Not reported
Cleanup Flag: False
Created Date: 11/19/2018
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: SITE INVESTIGATION
Further Action: 0
Comments: Not reported

GRAND AVENUE 7-ELEVEN (Continued) **S120851092**

VCS:

ECS Site ID:	6199
Facility Size:	0.21 acres
Action:	SITE INVESTIGATION
Start Date:	05/15/2018
End Date:	Not reported
Facility Status:	Active
Program:	ICP
Latitude:	45.5153
Longitude:	-122.6605

BC201 **HEATING OIL TANK** **OR LUST** **S101950482**
NE **320 SE 16TH** **OR HAZMAT** **N/A**
1/4-1/2 **PORTLAND, OR 97214** **OR UIC**
0.305 mi.
1611 ft. **Site 2 of 3 in cluster BC**

Relative:
Higher

Actual:
114 ft.

LUST:

Region:	North Western Region
Facility ID:	26-03-1426
Cleanup Received Date:	07/15/2003
Cleanup Start Date:	07/14/2003
Cleanup Complete Date:	**05/13/2004**
Decode for Region:	**North West Region**

Region:	North Western Region
Facility ID:	26-88-0119
Cleanup Received Date:	12/19/1988
Cleanup Start Date:	12/19/1988
Cleanup Complete Date:	**08/13/1990**
Decode for Region:	**North West Region**

HAZMAT:

Responsble Party:	PORTLAND SCHOOL DIST
RP Company:	Not reported
RP Address:	501 N DIXON
RP City,St,Zip:	PORTLAND 97000
Facility ID:	870071
OERS Number:	Not reported
Dept Rsp:	PORTLAND BUREAU OF F&R&EMS
Narrative:	Not reported
Property Loss:	Not reported
Amount Released:	Not reported
Service County:	Not reported
Service Name:	Not reported
Incident Type:	Not reported
Civilian Casualty Activity:	Not reported
Chemical Name:	Not reported
Hazmat Area Affected:	Not reported
Hazmat Area Evacuated:	Not reported
Hazmat Container Type:	Not reported
Hazmat Physical State Released:	Not reported
Hazmat Released Into:	Not reported
Hazmat Released Volume Units:	Not reported
Hazmat Released Weight Units:	Not reported
Hazmat Released From:	Not reported
Hazmat Area Affected Measurement:	Not reported

HEATING OIL TANK (Continued) **S101950482**

Hazmat No. of People Evacuated:	Not reported
Hazmat No of Buildings Evacuated:	Not reported
Incident Content Loss:	Not reported
Civilian Casualty Patient Disposition:	Not reported
Incident Mixed Use Property:	Not reported
Location Type:	Not reported
Incident Aid Given Or Received:	Not reported
Incident AID Received from FDID:	Not reported
Incident Aided Department FDID:	Not reported
Person Involved Business Name:	Not reported
Person Involved First Name:	Not reported
Person Involved Last Name:	Not reported
Person Involved Type:	Not reported
Person Involved Phone Number:	Not reported
Person Involved Primary Language:	Not reported
Hazmat Evacuated Measurement:	Not reported
Hazmat Story of Release:	Not reported
Remark:	Not reported
Incident District:	PORTLAND BUREAU OF F&R&EMS
Date Added:	01/01/1985
Unit:	Not reported
Agency Phone:	Not reported
Osfm Incident Report Number:	870071
Dept. Responding:	PORTLAND BUREAU OF F&R&EMS
Person Making Report:	PAT FARRELL
Title:	LT.
Agency:	PORTLAND BUREAU OF F&R&EMS
Phone:	Not reported
Date Of Incident:	09/08/1987
Call Time:	12:00:00 AM
In Route:	12:00:00 AM
Arrival:	9:02:00 PM
Depart Scene:	12:00:00 AM
Back In Quarters:	12:00:00 AM
In Service:	10:13:00 PM
Dist Of Incident:	PORTLAND BUREAU OF F&R&EMS
Were State Resources Used?:	False
Was Oers Notified?:	False
Oers Number:	Not reported
Team Number:	Not reported
Agency Report Number:	Not reported
Unit:	Not reported
Highway:	Not reported
Mile Post:	Not reported
Scene Type:	Public Land
Area Type:	Residential
Responsible Party(Ies):	PORTLAND SCHOOL DIST
Company:	Not reported
Respcontact:	Not reported
Address:	501 N DIXON
Resp City:	PORTLAND
Resp State:	Not reported
Resp ZipCode:	97000
Phone:	Not reported
Resp Phone2:	Not reported
Weather:	0
Temperature:	0

HEATING OIL TANK (Continued) **S101950482**

Wind Speed:	0
Wind Direction:	Not reported
Were Haz Materials Released?:	True
Operation Performed:	Not reported
Cause:	Fire/Explosion
Vehicle And Cargo:	0
Fixed Property:	500
Total Loss:	$500.00
Hazmat Population Density:	Not reported
HazMat Actions Taken - Description:	Not reported
Hazmat Factors Contributing To Release:	Not reported
Hazmat DOT Hazard Classification:	Not reported
Hazmat CAS Number:	Not reported
Hazardous Materials Release:	Not reported
Fire Incident Type:	Not reported
Property Use:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Hazmat Disposition:	Not reported

Chemical:

Chemical Info:	4918
Chemical Id:	35430
Incident Id:	870071
Chemical Name:	UNKNOWN CHEMICAL
UNNA:	Not reported
Amount At Risk:	0
Amount Released:	0
Amount Measured:	0
Biological:	False
Radiological:	False

Chemical Id:	35430
Chemical Name:	UNKNOWN CHEMICAL
Hazardous Ingredient:	UNKNOWN CHEMICAL
Hazardous Class 1:	9.0
Hazardous Class 2:	Not reported
Hazardous Rank:	2
Case Number:	Not reported
UNNA Number:	Not reported
EPA Pest Reg:	Not reported
EHA Chem:	Not reported
PSM Chem:	Not reported
CAA 112R Chem:	Not reported

Method:

Method Used Id:	1113
Incident Id:	870071
Identity Method:	6

Released:

Release Behavior Id:	3337
Incident Id:	870071
Behavior:	4

Narrative:

HEATING OIL TANK (Continued) **S101950482**

Narrative Id: 1950
Incident Id: 870071
Incident Narrative: BALLASTS IN DUMPSTER INVOLVED IN FIRE. FIRE WAS EXTINGUISHED AND ALL MEMBERS OF RESPONDING FIRE DEPARTMENT WERE INSTRUCTED TO THOROUGHLY WASH DOWN ALL CLOTHING AND TURNOUTS TO AVOID POSSIBLE CONTAMINATION BY MATERIAL.
Incident Date: 9/8/1987

OR UIC:
UIC Well #: 1
Type: 5D2
Type Description: Storm Water Drainage
Status: Not a UIC (after investigation)
UIC Number: 13884
Facility Status: Not a UIC
Lat/Long: 45.520401 / -122.6489

AZ202 **HEATING OIL TANK** **OR LUST** **S104908040**
SSE **1413 SE 15TH AVE** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.305 mi.
1613 ft. **Site 2 of 3 in cluster AZ**

Relative:
Lower

Actual:
57 ft.

LUST:
Region: North Western Region
Facility ID: 26-01-5327
Cleanup Received Date: 02/26/2001
Cleanup Start Date: 02/22/2001
Cleanup Complete Date: 06/04/2001
Decode for Region: North West Region

BA203 **BROADWAY ELECTRIC INC** **OR LUST** **U000432666**
SW **626 SE MAIN** **OR UST** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.307 mi.
1623 ft. **Site 2 of 2 in cluster BA**

Relative:
Lower

Actual:
54 ft.

LUST:
Region: North Western Region
Facility ID: 26-11-0036
Cleanup Received Date: 01/13/2011
Cleanup Start Date: 01/19/2011
Cleanup Complete Date: 04/25/2012
Decode for Region: North West Region

UST:
Facility ID: 2119
Facility Telephone: (503)234-8560
Permittee Name: BRUCE L REMARD
Number of Permitted Tanks: Not reported
Active Tanks: Not reported
Decommissioned Tanks: 2
Number of Tanks: 2

BC204 **HEATING OIL TANK** **OR LUST** **S118673144**
NE **301 SE 16TH AVE** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.309 mi.
1629 ft. **Site 3 of 3 in cluster BC**

Relative: LUST:
Higher
Actual: Region: North Western Region
117 ft. Facility ID: 26-16-0022
Cleanup Received Date: 01/14/2016
Cleanup Start Date: Not reported
Cleanup Complete Date: Not reported
Decode for Region: North West Region

BG205 **HEATING OIL TANK** **OR LUST** **S106116958**
ESE **1730 SE TAYLOR STREET** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.309 mi.
1629 ft. **Site 1 of 2 in cluster BG**

Relative: LUST:
Higher
Actual: Region: North Western Region
97 ft. Facility ID: 26-03-2457
Cleanup Received Date: 11/21/2003
Cleanup Start Date: 11/21/2003
Cleanup Complete Date: 01/08/2004
Decode for Region: North West Region

BH206 **HEATING OIL TANK** **OR LUST** **S102417476**
SSE **1504 SE MADISON** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.310 mi.
1636 ft. **Site 1 of 3 in cluster BH**

Relative: LUST:
Lower
Actual: Region: North Western Region
63 ft. Facility ID: 26-96-0195
Cleanup Received Date: 03/29/1996
Cleanup Start Date: 03/28/1996
Cleanup Complete Date: 05/29/1996
Decode for Region: North West Region

BI207 **HEATING OIL TANK** **OR LUST** **S102959514**
East **1802 SE MORRISON** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.311 mi.
1642 ft. **Site 1 of 4 in cluster BI**

Relative: LUST:
Higher
Actual: Region: North Western Region
118 ft. Facility ID: 26-97-0910
Cleanup Received Date: 12/03/1997
Cleanup Start Date: 12/03/1997
Cleanup Complete Date: 12/09/1997
Decode for Region: North West Region

Region: North Western Region

HEATING OIL TANK (Continued) **S102959514**

Facility ID: 26-97-0917
Cleanup Received Date: 12/03/1997
Cleanup Start Date: 12/03/1997
Cleanup Complete Date: 12/09/1997
Decode for Region: North West Region

BJ208 **HEATING OIL TANK** **OR LUST** **S102778411**
NW **425 SE 6TH** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.312 mi.
1650 ft. **Site 1 of 4 in cluster BJ**

Relative: LUST:
Lower
Actual: Region: North Western Region
51 ft. Facility ID: 26-97-0312
Cleanup Received Date: 04/24/1997
Cleanup Start Date: 04/09/1997
Cleanup Complete Date: 09/22/1997
Decode for Region: North West Region

BE209 **BOTTORF PROPERTY** **OR LUST** **S111210542**
South **1212 SE HAWTHORNE BLVD** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.314 mi.
1660 ft. **Site 2 of 4 in cluster BE**

Relative: LUST:
Lower
Actual: Region: North Western Region
48 ft. Facility ID: 26-11-0356
Cleanup Received Date: 04/25/2011
Cleanup Start Date: Not reported
Cleanup Complete Date: Not reported
Decode for Region: North West Region

BI210 **HEATING OIL TANK** **OR LUST** **S106475799**
East **718 SE 18TH** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.315 mi.
1661 ft. **Site 2 of 4 in cluster BI**

Relative: LUST:
Higher
Actual: Region: North Western Region
119 ft. Facility ID: 26-04-0953
Cleanup Received Date: 05/12/2004
Cleanup Start Date: 05/12/2004
Cleanup Complete Date: 12/16/2011
Decode for Region: North West Region

BH211 **HEATING OIL TANK** **OR LUST** **S104908270**
SE **1512 SE MADISON ST** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.315 mi.
1661 ft. **Site 2 of 3 in cluster BH**

Relative: LUST:
Lower
Actual: Region: North Western Region
64 ft. Facility ID: 26-01-5678
Cleanup Received Date: 04/13/2001
Cleanup Start Date: 04/04/2001
Cleanup Complete Date: Not reported
Decode for Region: North West Region

BB212 **HEATING OIL TANK** **OR LUST** **S108060411**
ENE **521 SE 18TH AVE** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.315 mi.
1663 ft. **Site 2 of 2 in cluster BB**

Relative: LUST:
Higher
Actual: Region: North Western Region
117 ft. Facility ID: 26-06-0730
Cleanup Received Date: 04/27/2006
Cleanup Start Date: 04/27/2006
Cleanup Complete Date: 07/10/2006
Decode for Region: North West Region

BI213 **HEATING OIL TANK** **OR LUST** **S104304436**
East **710 SE 18TH AVE** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.315 mi.
1664 ft. **Site 3 of 4 in cluster BI**

Relative: LUST:
Higher
Actual: Region: North Western Region
119 ft. Facility ID: 26-00-0122
Cleanup Received Date: 01/30/2000
Cleanup Start Date: 01/25/2000
Cleanup Complete Date: 05/09/2000
Decode for Region: North West Region

BK214 **MR CAR WASH** **OR LUST** **1001485738**
WNW **510 SE GRAND AVE** **RCRA NonGen / NLR** **ORD987195062**
1/4-1/2 **PORTLAND, OR 97214** **ICIS**
0.319 mi. **FINDS**
1682 ft. **Site 1 of 4 in cluster BK** **ECHO**

Relative: LUST:
Lower
Actual: Region: North Western Region
45 ft. Facility ID: 26-13-0136
Cleanup Received Date: 01/31/2013
Cleanup Start Date: 07/15/2013
Cleanup Complete Date: 09/04/2013
Decode for Region: North West Region

MR CAR WASH (Continued) **1001485738**

RCRA NonGen / NLR:
Date form received by agency: 05/29/1998
Facility name: MR CAR WASH
Facility address: 510 SE GRAND AVE
PORTLAND, OR 97214
EPA ID: ORD987195062
Mailing address: 510 SE GRAND
PORTLAND, OR 97214
Contact: HENRY SPIVAK
Contact address: 510 SE GRAND
PORTLAND, OR 97214
Contact country: US
Contact telephone: 503-235-9740
Contact email: Not reported
EPA Region: 10
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: HENRY SPIVAK
Owner/operator address: 510 SE GRAND
PORTLAND, OR 97214
Owner/operator country: US
Owner/operator telephone: 503-235-9740
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 05/29/1998
Owner/Op end date: Not reported

Owner/operator name: HENRY SPIVAK
Owner/operator address: 510 SE GRAND
PORTLAND, OR 97214
Owner/operator country: US
Owner/operator telephone: 503-235-9740
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 05/29/1998
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No

MR CAR WASH (Continued) **1001485738**

User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/08/1997
Site name: MR CAR WASH
Classification: Not a generator, verified

Date form received by agency: 02/14/1996
Site name: MR CAR WASH
Classification: Not a generator, verified

Date form received by agency: 11/24/1995
Site name: MR CAR WASH
Classification: Not a generator, verified

Date form received by agency: 10/07/1994
Site name: MR CAR WASH
Classification: Not a generator, verified

Date form received by agency: 03/02/1992
Site name: MR CAR WASH
Classification: Not a generator, verified

. Waste code: NONE
. Waste name: None

Violation Status: No violations found

ICIS:
Enforcement Action ID: 10-1999-0077
FRS ID: 110004804506
Action Name: MR. CAR WASH
Facility Name: MR CAR WASH
Facility Address: 510 SE GRAND AVE
PORTLAND, OR 97214
Enforcement Action Type: RCRA 9006 Field Citation (UST)
Facility County: MULTNOMAH
Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 9006FC
Facility SIC Code: 7542
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 45.519282
Longitude in Decimal Degrees: -122.66075
Permit Type Desc: Not reported
Program System Acronym: 22812
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Facility Name: MR CAR WASH
Address: 510 SE GRAND AVE
Tribal Indicator: N

MR CAR WASH (Continued) **1001485738**

Fed Facility: No
NAIC Code: Not reported
SIC Code: 7542

Facility Name: MR CAR WASH
Address: 510 SE GRAND AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 7542

Facility Name: MR CAR WASH
Address: 510 SE GRAND AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 7542

FINDS:

Registry ID: 110004804506

Environmental Interest/Information System

OR-DEQ (Oregon - Department Of Environmental Quality) is a regulatory agency whose job is to protect the quality of Oregon's Environment. DEQ uses a combination of technical assistance, inspections and permitting to help public and private facilities and citizens understand and comply with state and federal environmental regulations.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

MR CAR WASH (Continued) **1001485738**

ECHO:
Envid: 1001485738
Registry ID: 110004804506
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004804506

BK215 **MR. CAR WASH, LLC** **OR LUST** **U003999479**
WNW **510 SE GRAND AVE** **OR UST** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.319 mi.
1682 ft. **Site 2 of 4 in cluster BK**

Relative:
Lower

Actual:
45 ft.

LUST:
Region: North Western Region
Facility ID: 26-91-0197
Cleanup Received Date: 04/04/1991
Cleanup Start Date: 02/19/1992
Cleanup Complete Date: 03/05/1992
Decode for Region: North West Region

UST:
Facility ID: 9354
Facility Telephone: (503) 235-9740
Permittee Name: KAREN OR JAMES SPIVAK
Number of Permitted Tanks: Not reported
Active Tanks: Not reported
Decommissioned Tanks: 6
Number of Tanks: 6

BK216 **JACKSON FOOD STORES #520** **OR LUST** **U003715493**
WNW **621 SE GRAND AVE** **OR UST** **N/A**
1/4-1/2 **PORTLAND, OR 97214** **OR AIRS**
0.319 mi.
1684 ft. **Site 3 of 4 in cluster BK**

Relative:
Lower

Actual:
44 ft.

LUST:
Region: North Western Region
Facility ID: 26-07-1251
Cleanup Received Date: 08/22/2007
Cleanup Start Date: 06/24/2008
Cleanup Complete Date: 07/24/2009
Decode for Region: North West Region

UST:
Facility ID: 11988
Facility Telephone: (208) 888-6061
Permittee Name: Richard Wright
Number of Permitted Tanks: 3
Active Tanks: 3
Decommissioned Tanks: Not reported
Number of Tanks: 3

OR AIRS:
Year: Not reported
Emission: Not reported

JACKSON FOOD STORES #520 (Continued) **U003715493**

Permit Number:	26-9577-23-01
Permit Type:	General (4) ACDP
Expiration Date:	03/01/2020
Source ID:	Not reported
Issue Date:	09/16/2010
NAICS Code:	447110
Is Primary:	Not reported
SIC Code:	5541
Is Primary:	Not reported
Latitude:	45.5185
Longitude:	-122.6606
Poll:	Not reported
Emission Source Code:	Not reported
Process Code:	Not reported
SCC:	Not reported
Emission Source Description:	Not reported
Process Description:	Not reported
Throughput:	Not reported
Process Unit:	Not reported
Throughput Type:	Not reported

AZ217 **HEATING OIL TANK** **OR LUST** **S116735359**
SSE **1435 SE HAWTHORNE BLVD** **OR UIC** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.319 mi.
1686 ft. **Site 3 of 3 in cluster AZ**

Relative:
Lower

Actual:
53 ft.

LUST:

Region:	North Western Region
Facility ID:	26-14-0693
Cleanup Received Date:	06/04/2014
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**09/16/2014**
Decode for Region:	**North West Region**

OR UIC:

UIC Well #:	1
Type:	5D2
Type Description:	Storm Water Drainage
Status:	Active
UIC Number:	14923
Facility Status:	Registered & RA
Lat/Long:	45.512299 / -122.651

BI218 **HEATING OIL TANK** **OR LUST** **S104658416**
East **1812-1818 SE MORRISON** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.320 mi.
1692 ft. **Site 4 of 4 in cluster BI**

Relative:
Higher

Actual:
118 ft.

LUST:

Region:	North Western Region
Facility ID:	26-00-5200
Cleanup Received Date:	06/27/2000
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**09/07/2000**

HEATING OIL TANK (Continued) **S104658416**

Decode for Region: **North West Region**

BJ219 **HEATING OIL TANK** **OR LUST** **S104044980**
NW **340 SE 6TH AVE** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.321 mi.
1697 ft. **Site 2 of 4 in cluster BJ**

Relative: **Lower**
Actual: **58 ft.**

LUST:

Region:	North Western Region
Facility ID:	26-03-2048
Cleanup Received Date:	09/24/2003
Cleanup Start Date:	09/24/2003
Cleanup Complete Date:	**11/21/2003**
Decode for Region:	**North West Region**

BF220 **BROWN OLDSMOBILE CO.** **OR LUST** **U004015145**
WSW **1005 SE GRAND AVE** **OR UST** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.324 mi.
1709 ft. **Site 2 of 2 in cluster BF**

Relative: **Lower**
Actual: **53 ft.**

LUST:

Region:	North Western Region
Facility ID:	26-89-0174
Cleanup Received Date:	08/18/1989
Cleanup Start Date:	08/17/1989
Cleanup Complete Date:	**03/11/1992**
Decode for Region:	**North West Region**

UST:

Facility ID:	2280
Facility Telephone:	(503)232-4163
Permittee Name:	C. R. SELLERS, SERVICE MANAGER
Number of Permitted Tanks:	Not reported
Active Tanks:	Not reported
Decommissioned Tanks:	3
Number of Tanks:	3

BE221 **SWEET HOME DIVISION** **OR LUST** **U000434955**
South **1524 SE LADD AVE** **OR UST** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.327 mi.
1726 ft. **Site 3 of 4 in cluster BE**

Relative: **Lower**
Actual: **48 ft.**

LUST:

Region:	North Western Region
Facility ID:	26-06-1577
Cleanup Received Date:	08/29/2006
Cleanup Start Date:	08/30/2006
Cleanup Complete Date:	**12/05/2006**
Decode for Region:	**North West Region**

SWEET HOME DIVISION (Continued) **U000434955**

UST:
- Facility ID: 6305
- Facility Telephone: (503) 926-7771
- Permittee Name: RICHARD L. BARRETT, ENGINEER
- Number of Permitted Tanks: Not reported
- Active Tanks: Not reported
- Decommissioned Tanks: 1
- Number of Tanks: 1

BH222 **HEATING OIL TANK** **OR LUST** **S113907118**
SE **1407 SE 16TH** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.327 mi.
1727 ft. **Site 3 of 3 in cluster BH**

Relative: **Lower**
Actual: **67 ft.**

LUST:
- Region: North Western Region
- Facility ID: 26-13-0671
- Cleanup Received Date: 05/30/2013
- Cleanup Start Date: Not reported
- **Cleanup Complete Date: 07/09/2013**
- **Decode for Region: North West Region**

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223 **HEATING OIL TANK** **OR LUST** **S104907907**
NW **234 SE 7TH** **OR HAZMAT** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.329 mi.
1739 ft.

Relative: **Lower**
Actual: **68 ft.**

LUST:
- Region: North Western Region
- Facility ID: 26-01-5130
- Cleanup Received Date: 01/23/2001
- Cleanup Start Date: 01/23/2001
- **Cleanup Complete Date: 03/22/2001**
- **Decode for Region: North West Region**

HAZMAT:
- Responsble Party: UNKNOWN
- RP Company: Not reported
- RP Address: Not reported
- RP City,St,Zip: Not reported
- Facility ID: 990306
- OERS Number: Not reported
- Dept Rsp: PORTLAND BUREAU OF F&R&EMS
- Narrative: Not reported
- Property Loss: Not reported
- Amount Released: Not reported
- Service County: Not reported
- Service Name: Not reported
- Incident Type: Not reported
- Civilian Casualty Activity: Not reported
- Chemical Name: Not reported
- Hazmat Area Affected: Not reported
- Hazmat Area Evacuated: Not reported

HEATING OIL TANK (Continued) **S104907907**

Hazmat Container Type:	Not reported
Hazmat Physical State Released:	Not reported
Hazmat Released Into:	Not reported
Hazmat Released Volume Units:	Not reported
Hazmat Released Weight Units:	Not reported
Hazmat Released From:	Not reported
Hazmat Area Affected Measurement:	Not reported
Hazmat No. of People Evacuated:	Not reported
Hazmat No of Buildings Evacuated:	Not reported
Incident Content Loss:	Not reported
Civilian Casualty Patient Disposition:	Not reported
Incident Mixed Use Property:	Not reported
Location Type:	Not reported
Incident Aid Given Or Received:	Not reported
Incident AID Received from FDID:	Not reported
Incident Aided Department FDID:	Not reported
Person Involved Business Name:	Not reported
Person Involved First Name:	Not reported
Person Involved Last Name:	Not reported
Person Involved Type:	Not reported
Person Involved Phone Number:	Not reported
Person Involved Primary Language:	Not reported
Hazmat Evacuated Measurement:	Not reported
Hazmat Story of Release:	Not reported
Remark:	Not reported
Incident District:	PORTLAND BUREAU OF F&R&EMS
Date Added:	01/01/1985
Unit:	Not reported
Agency Phone:	5038233830
Osfm Incident Report Number:	990306
Dept. Responding:	PORTLAND BUREAU OF F&R&EMS
Person Making Report:	JM
Title:	LT
Agency:	PORTLAND BUREAU OF F&R&EMS
Phone:	5038233830
Date Of Incident:	04/30/1999
Call Time:	4:55:00 PM
In Route:	Not reported
Arrival:	4:59:00 PM
Depart Scene:	12:00:00 AM
Back In Quarters:	12:00:00 AM
In Service:	5:34:00 PM
Dist Of Incident:	PORTLAND BUREAU OF F&R&EMS
Were State Resources Used?:	False
Was Oers Notified?:	False
Oers Number:	Not reported
Team Number:	Not reported
Agency Report Number:	99-018035
Unit:	Not reported
Highway:	Not reported
Mile Post:	Not reported
Scene Type:	Public Structure
Area Type:	Industrial
Responsible Party(Ies):	UNKNOWN
Company:	Not reported
Respcontact:	Not reported
Address:	Not reported

HEATING OIL TANK (Continued) **S104907907**

Resp City:	Not reported
Resp State:	Not reported
Resp ZipCode:	Not reported
Phone:	Not reported
Resp Phone2:	Not reported
Weather:	0
Temperature:	0
Wind Speed:	0
Wind Direction:	Not reported
Were Haz Materials Released?:	True
Operation Performed:	Not reported
Cause:	Unknown
Vehicle And Cargo:	0
Fixed Property:	0
Total Loss:	$0.00
Hazmat Population Density:	Not reported
HazMat Actions Taken - Description:	Not reported
Hazmat Factors Contributing To Release:	Not reported
Hazmat DOT Hazard Classification:	Not reported
Hazmat CAS Number:	Not reported
Hazardous Materials Release:	Not reported
Fire Incident Type:	Not reported
Property Use:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Hazmat Disposition:	Not reported

Chemical:

Chemical Info:	8732
Chemical Id:	35430
Incident Id:	990306
Chemical Name:	UNKNOWN CHEMICAL
UNNA:	Not reported
Amount At Risk:	0
Amount Released:	0
Amount Measured:	0
Biological:	False
Radiological:	False

Chemical Id:	35430
Chemical Name:	UNKNOWN CHEMICAL
Hazardous Ingredient:	UNKNOWN CHEMICAL
Hazardous Class 1:	9.0
Hazardous Class 2:	Not reported
Hazardous Rank:	2
Case Number:	Not reported
UNNA Number:	Not reported
EPA Pest Reg:	Not reported
EHA Chem:	Not reported
PSM Chem:	Not reported
CAA 112R Chem:	Not reported

Released:

Release Behavior Id:	2260
Incident Id:	990306
Behavior:	1

HEATING OIL TANK (Continued) **S104907907**

Narrative:
Narrative Id: 7619
Incident Id: 990306
Incident Narrative: E-1 WAS CALLED TO THE SCENE OF A DAY CARE CENTER LOCATED AT 234 SE 7TH. OCCUPANTS INCLUDED WERE CHILDREN UNDER AGE 6 AND 10 ADULTS. OCCUPANTS COMPLAINED OF IRRITATING FUMES ENTERING THE STRUCTURE THROUGH OPEN WINDOW. E-1 ARRIVED AND INVESTIGATED. ONE ROOM HAD SOME TYPE OF SUBSTANCE OR GAS THAT IRRITATE THE RESPIRATORY TRACT BUT HAD NO SMELL. ALL OCCUPANTS WERE EVACUATED OUTSIDE INTO FRESH AIR. T-1 RESPONDED AND PROVIDED FANS FOR VENTILATION OF THE ENTIRE STRUCTURE. HM-41 WAS NOTIFIED BUT WERE NOT REQUESTED TO RESPOND. AN INVESTIGATION WAS CONDUCTED IN THE VICINITY TO TRY AND IDENTIFY A POSSIBLE SOURCE. ONE POSSIBILITY WAS AN INDUSTRIAL OCCUPANCY AT 436 SE 6TH KNOWN AS OREGON PLATING CO. THIS OCCUPANT WAS CLOSED UP FOR THE DAY AT 1230. BUT NEIGHBORS STATED IT WAS OPEN AT THE TIME OF THE INCIDENT. ALL OCCUPANTS OF THE BUILDING (DAY CARE) WERE OKAY AFTER REMOVAL TO FRESH AIR. THERE WERE NO RESIDUAL FUMES AFTER VENTILATION. CONTACT PERSON WAS TRINA GHERE THE HEAD TEACHER. NOTE: THE PLATING CO WAS DIRECTLY UPWIND OF THE DAY CARE CENTER AND HAS AN NFPA 704 PLACARD OF 3-0-2-OXY.
Incident Date: 4/30/1999

BE224 **LADD'S GAS & FOOD** **OR LUST** **U000432671**
South **1525 SE LADD AVE** **OR UST** **N/A**
1/4-1/2 **PORTLAND, OR 97214** **OR AIRS**
0.329 mi.
1739 ft. **Site 4 of 4 in cluster BE**

Relative:
Lower

Actual:
47 ft.

LUST:
Region: North Western Region
Facility ID: 26-92-0288
Cleanup Received Date: 10/06/1992
Cleanup Start Date: 09/06/1992
Cleanup Complete Date: Not reported
Decode for Region: North West Region

UST:
Facility ID: 8083
Facility Telephone: (503) 233-4249
Permittee Name: Issac Dweik
Number of Permitted Tanks: 4
Active Tanks: 4
Decommissioned Tanks: 5
Number of Tanks: 9

OR AIRS:
Year: Not reported
Emission: Not reported
Permit Number: 26-9624-23-01
Permit Type: General (4) ACDP
Expiration Date: 03/01/2020
Source ID: Not reported
Issue Date: 09/07/2010
NAICS Code: 447110
Is Primary: Not reported

LADD'S GAS & FOOD (Continued) **U000432671**

SIC Code:	Not reported
Is Primary:	Not reported
Latitude:	45.5117
Longitude:	-122.6519
Poll:	Not reported
Emission Source Code:	Not reported
Process Code:	Not reported
SCC:	Not reported
Emission Source Description:	Not reported
Process Description:	Not reported
Throughput:	Not reported
Process Unit:	Not reported
Throughput Type:	Not reported

BL225 **HEATING OIL TANK** **OR LUST** **S104907967**
SE **1717 SE MAIN ST** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.331 mi.
1748 ft. **Site 1 of 3 in cluster BL**

Relative: **Higher**
Actual: **91 ft.**

LUST:

Region:	North Western Region
Facility ID:	26-01-5222
Cleanup Received Date:	02/07/2001
Cleanup Start Date:	02/07/2001
Cleanup Complete Date:	**09/05/2001**
Decode for Region:	**North West Region**

BM226 **HEATING OIL TANK** **OR LUST** **S107135383**
North **114 SE 12TH AVE** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.331 mi.
1750 ft. **Site 1 of 3 in cluster BM**

Relative: **Higher**
Actual: **110 ft.**

LUST:

Region:	North Western Region
Facility ID:	26-05-1237
Cleanup Received Date:	06/11/2005
Cleanup Start Date:	06/13/2005
Cleanup Complete Date:	**08/25/2005**
Decode for Region:	**North West Region**

BN227 **HEATING OIL TANK** **OR LUST** **S105076023**
SSE **1513 SE MAPLE** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.333 mi.
1756 ft. **Site 1 of 6 in cluster BN**

Relative: **Lower**
Actual: **49 ft.**

LUST:

Region:	North Western Region
Facility ID:	26-01-6599
Cleanup Received Date:	07/30/2001
Cleanup Start Date:	07/27/2001
Cleanup Complete Date:	**03/08/2002**
Decode for Region:	**North West Region**

BN228 **JERRY HERING** **OR LUST** **S112225348**
SSE **1426 SE HAWTHORNE BOULEVARD** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.335 mi.
1768 ft. **Site 2 of 6 in cluster BN**

Relative: **Lower**
Actual: **52 ft.**

LUST:

Region:	North Western Region
Facility ID:	26-12-0791
Cleanup Received Date:	07/05/2012
Cleanup Start Date:	06/27/2012
Cleanup Complete Date:	**09/05/2012**
Decode for Region:	**North West Region**

BN229 **HEATING OIL TANK** **OR LUST** **S111834702**
South **1540 SE LADD AVE** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.337 mi.
1779 ft. **Site 3 of 6 in cluster BN**

Relative: **Lower**
Actual: **48 ft.**

LUST:

Region:	North Western Region
Facility ID:	26-12-0110
Cleanup Received Date:	02/07/2012
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**08/01/2012**
Decode for Region:	**North West Region**

BJ230 **BROAD SPECTRUM ELECTRONICS #2** **SEMS-ARCHIVE** **1003880279**
WNW **424 SE GRAND AV** **ORD980984744**
1/4-1/2 **PORTLAND, OR 97214**
0.337 mi.
1780 ft. **Site 3 of 4 in cluster BJ**

Relative: **Lower**
Actual: **47 ft.**

SEMS Archive:

Site ID:	1000519
EPA ID:	ORD980984744
Cong District:	03
FIPS Code:	41051
FF:	N
NPL:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information
Latitude:	45.52
Longitude:	-122.659722

SEMS Archive Detail:

Region:	10
Site ID:	1000519
EPA ID:	ORD980984744
Site Name:	BROAD SPECTRUM ELECTRONICS #2
NPL:	N
FF:	N
OU:	00
Action Code:	VS
Action Name:	ARCH SITE
SEQ:	1
Start Date:	Not reported
Finish Date:	1988-03-16 05:00:00
Qual:	Not reported

BROAD SPECTRUM ELECTRONICS #2 (Continued) **1003880279**

Current Action Lead:	EPA Perf In-Hse
Region:	10
Site ID:	1000519
EPA ID:	ORD980984744
Site Name:	BROAD SPECTRUM ELECTRONICS #2
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	2
Start Date:	1988-03-16 05:00:00
Finish Date:	1988-03-16 05:00:00
Qual:	N
Current Action Lead:	EPA Perf
Region:	10
Site ID:	1000519
EPA ID:	ORD980984744
Site Name:	BROAD SPECTRUM ELECTRONICS #2
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	1987-09-15 04:00:00
Finish Date:	1987-09-15 04:00:00
Qual:	L
Current Action Lead:	St Perf
Region:	10
Site ID:	1000519
EPA ID:	ORD980984744
Site Name:	BROAD SPECTRUM ELECTRONICS #2
NPL:	N
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1985-10-25 05:00:00
Finish Date:	1985-10-25 05:00:00
Qual:	Not reported
Current Action Lead:	St Perf

BJ231 **BROAD SPECTRUM ELECTRONICS #2** **OR ECSI** **1000145186**
WNW **422 SE GRAND AVE.** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.337 mi.
1781 ft. **Site 4 of 4 in cluster BJ**

Relative:
Lower

Actual:
47 ft.

ECSI:

State ID Number:	1279
Brown ID:	0
Study Area:	False
Region ID:	2
Legislatve ID:	0
Investigation:	No Further Action
FACA ID:	6225
Further Action:	0
Lat/Long (dms):	45 31 10.60 / -122 39 37.10
County Code:	26.00
Score Value:	Not reported
Cerclis ID:	980984744
Township Coord.:	1.00
Township Zone:	N
Range Coord:	1.00
Range Zone:	E
Section Coord:	35
Qtr Section:	CCCD
Tax Lots:	3,4,5,6; Bl 121; E.PDX Addn.
Size:	0.25 acre
NPL:	False
Orphan:	False
Updated By:	GWISTAR
Update Date:	02/26/2009
Created Date:	01/23/1993
Decode For RegionID:	Northwest Region
Decode For BrownID:	Not reported
Decode For Furtheract:	Not reported
Decode For Investstat:	No Further Action
Decode For Legislative:	Not reported

Alias Name: Auric Enterprises
Alias Name: Northwest Cast Metal Products
Alias Name: Pacific Meat Co.
Alias Name: Universal Silver

Narrative:

NARR ID:	5732573
NARR Code:	Site Contacts
Created By:	Not reported
Created Date:	12/17/2002
Updated By:	Not reported
Updated Date:	12/17/2002
Decode for NarcdID:	Site Contacts

NARR Comments: Becky Crew, Property Manager, REACH Community Development, Incorporated, 1135 SE Salmon Street, Portland 97214, (503) 231-0682.

NARR ID:	5732574
NARR Code:	Contamination
Created By:	Not reported
Created Date:	12/17/2002
Updated By:	Not reported
Updated Date:	12/17/2002
Decode for NarcdID:	Contamination

BROAD SPECTRUM ELECTRONICS #2 (Continued) **1000145186**

NARR Comments: This site was once leased by Peter O. Haney. It is alleged that Haney sold small electrical capacitors potentially containing PCBs from this shop, and may have stored articles containing PCBs in the basement of the building. DEQ could find no evidence of PCB releases at the site during its August 1987 site visit.

NARR ID: 5732575
NARR Code: General Site Description
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: General Site Description
NARR Comments: A 4-story brick building that occupies 1/4 of the block, located at the NE intersection of SE Stark St. and SE Grand Ave. The upper three floors of the building are used as apartments, but were historically used as hotel rooms. The ground floor has historically housed commercial retail establishments. The north/south alley behind the building has been boarded off.

NARR ID: 5732577
NARR Code: Site Location
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Site Location
NARR Comments: Site is located on the ground floor and in the basement of a 4-story brick building on the NE corner of SE Stark St. and SE Grand Ave. The former sales outlet is located at the NW corner of that building - near the center of the block (SE Grand, between SE Stark and SE Oak).

NARR ID: 5732578
NARR Code: Site Ownership
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Site Ownership
NARR Comments: REACH Community Development, Incorporated, 1135 SE Salmon Street, Portland 97214, (503) 231-0682.

NARR ID: 5732579
NARR Code: Substances of Concern
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Substances of Concern
NARR Comments: Potential for PCB contamination at site. None observed during August 1987 site inspection, though.

NARR ID: 5743543
NARR Code: Site History
Created By: GWISTAR
Created Date: 05/20/2003
Updated By: GWISTAR

BROAD SPECTRUM ELECTRONICS #2 (Continued) **1000145186**

Updated Date: 05/20/2003
Decode for NarcdID: Site History
NARR Comments: Historic activities at five other Portland sites that were operated by Peter O. Haney suggested that this site may have been contaminated with PCBs from improper transformer and capacitor handling. This site was a sales outlet for salvaged electronic and electrical equipment. An August 1987 site visit by DEQ indicated no evidence of on-site releases, however.

Administrative Action:
Action ID: 9421
Region: Not reported
Complete Date: Not reported
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Environmental Protection Agency
Decode for RegionID: Not reported
Category: EPA Led Action
Action Code Flag: False
Action: Site added to CERCLIS
Further Action: Not reported
Comments: Not reported

Action ID: 9459
Region: Northwestern Region
Complete Date: 03/08/1996
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: PRELIMINARY ASSESSMENT EQUIVALENT
Further Action: Not reported
Comments: Not reported

Action ID: 9443
Region: Northwestern Region
Complete Date: 03/08/1996
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: NO FURTHER STATE ACTION REQUIRED
Further Action: Not reported
Comments: Not reported

Action ID: 9424
Region: Headquarters
Complete Date: Not reported
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002

BROAD SPECTRUM ELECTRONICS #2 (Continued) **1000145186**

Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Administrative Action
Action Code Flag: False
Action: Site added to database
Further Action: Not reported
Comments: Not reported

Action ID: 9457
Region: Not reported
Complete Date: 09/15/1987
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Environmental Protection Agency
Decode for RegionID: Not reported
Category: EPA Led Action
Action Code Flag: False
Action: EPA Basic Preliminary Assessment
Further Action: Not reported
Comments: Not reported

Action ID: 9458
Region: Not reported
Complete Date: 03/16/1988
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Environmental Protection Agency
Decode for RegionID: Not reported
Category: EPA Led Action
Action Code Flag: False
Action: EPA Preliminary Assessment 2
Further Action: Not reported
Comments: Not reported

Action ID: 9508
Region: Headquarters
Complete Date: 02/12/1994
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Remedial Action
Action Code Flag: False
Action: Site Screening recommended (EV)
Further Action: Not reported
Comments: Not reported

Action ID: 9444
Region: Not reported
Complete Date: 03/16/1988
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Environmental Protection Agency

BROAD SPECTRUM ELECTRONICS #2 (Continued) **1000145186**

Decode for RegionID: Not reported
Category: EPA Led Action
Action Code Flag: False
Action: No Further Remedial Action Planned under Federal program
Further Action: Not reported
Comments: Not reported

Operations:
Operation Id: 132594
Operation Status: Unknown
Common Name: Broad Spectrum Electronics #2
Yrs of Operation: Not reported
Comments: Not reported
Updated Date: 03/10/1995
Updated By: jxh
Decode for OpstatID: Unknown

Operation Id: 132595
Operation Status: Unknown
Common Name: Broad Spectrum Electronics #2
Yrs of Operation: Not reported
Comments: Sales for salvaged electrical and electronic equipment.
Updated Date: 03/18/1996
Updated By: sxf
Decode for OpstatID: Unknown
Operations SIC Id: 196181
SIC Code: 5063
Created By: Not reported
Created Date: 12/17/2002

BO232 **IMAGE CONTROL SYSTEMS** **OR LUST U000432700**
NW **310 SE 6TH AVE** **OR UST N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.338 mi.
1784 ft. **Site 1 of 2 in cluster BO**

Relative:
Lower

Actual:
60 ft.

LUST:
Region: North Western Region
Facility ID: 26-97-0821
Cleanup Received Date: 11/03/1997
Cleanup Start Date: 11/01/1997
Cleanup Complete Date: 03/19/1998
Decode for Region: North West Region

UST:
Facility ID: 1659
Facility Telephone: (503)234-0643
Permittee Name: JEFF JOHNSON, IMAGE CONTROL SYSTEMS
Number of Permitted Tanks: Not reported
Active Tanks: Not reported
Decommissioned Tanks: 2
Number of Tanks: 2

BP233 **HEATING OIL TANK** **OR LUST** **S117880932**
East **711 SE 19TH AVE** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.339 mi.
1790 ft. **Site 1 of 2 in cluster BP**

Relative: LUST:
Higher
Actual: Region: North Western Region
121 ft. Facility ID: 26-15-0048
Cleanup Received Date: 01/16/2015
Cleanup Start Date: Not reported
Cleanup Complete Date: 08/26/2016
Decode for Region: North West Region

BM234 **HEATING OIL TANK** **OR LUST** **S105981641**
North **1122 SE ANKENY STREET** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.339 mi.
1791 ft. **Site 2 of 3 in cluster BM**

Relative: LUST:
Higher
Actual: Region: North Western Region
104 ft. Facility ID: 26-03-1910
Cleanup Received Date: 09/11/2003
Cleanup Start Date: 09/15/2003
Cleanup Complete Date: 12/10/2003
Decode for Region: North West Region

BK235 **HEATING OIL TANK** **OR LUST** **S118869289**
WNW **509 SE GRAND AVE** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.343 mi.
1811 ft. **Site 4 of 4 in cluster BK**

Relative: LUST:
Lower
Actual: Region: North Western Region
43 ft. Facility ID: 26-16-0589
Cleanup Received Date: 05/10/2016
Cleanup Start Date: Not reported
Cleanup Complete Date: 09/15/2016
Decode for Region: North West Region

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236 **BILLINGS & CRONN COMPANY** **OR LUST** **U000432662**
SSW **1535 SE 9TH AVE** **OR UST** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.346 mi.
1826 ft.

Relative: LUST:
Lower
Actual: Region: North Western Region
48 ft. Facility ID: 26-91-0248
Cleanup Received Date: 07/03/1991
Cleanup Start Date: 07/02/1991
Cleanup Complete Date: 03/17/1995
Decode for Region: North West Region

BILLINGS & CRONN COMPANY (Continued) **U000432662**

UST:
Facility ID: 9989
Facility Telephone: (503) 235-2131
Permittee Name: SARAK ANNE SCHMIDT, BOOKKEEPER
Number of Permitted Tanks: Not reported
Active Tanks: Not reported
Decommissioned Tanks: 1
Number of Tanks: 1

BL237 **HEATING OIL TANK** **OR LUST** **S119015499**
SE **1233 SE 18TH AVE** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.346 mi.
1829 ft. **Site 2 of 3 in cluster BL**

Relative:
Higher

Actual:
94 ft.

LUST:
Region: North Western Region
Facility ID: 26-16-1190
Cleanup Received Date: 09/08/2016
Cleanup Start Date: Not reported
Cleanup Complete Date: 05/05/2017
Decode for Region: North West Region

BN238 **HEATING OIL TANK** **OR LUST** **S105711367**
SSE **1529 SE MAPLE AVENUE** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.347 mi.
1830 ft. **Site 4 of 6 in cluster BN**

Relative:
Lower

Actual:
50 ft.

LUST:
Region: North Western Region
Facility ID: 26-02-1459
Cleanup Received Date: 12/04/2002
Cleanup Start Date: 12/17/2002
Cleanup Complete Date: 02/13/2003
Decode for Region: North West Region

BQ239 **HEATING OIL TANK** **OR LUST** **S104024198**
NNE **1532 SE ASH** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.347 mi.
1834 ft. **Site 1 of 3 in cluster BQ**

Relative:
Higher

Actual:
123 ft.

LUST:
Region: North Western Region
Facility ID: 26-99-0978
Cleanup Received Date: 08/27/1999
Cleanup Start Date: 08/24/1999
Cleanup Complete Date: Not reported
Decode for Region: North West Region

BQ240
NE
1/4-1/2
0.349 mi.
1842 ft.

HEATING OIL TANK
222 SE 16TH AVE
PORTLAND, OR 97214

Site 2 of 3 in cluster BQ

OR LUST **S109578087**
N/A

Relative:
Higher

Actual:
122 ft.

LUST:

Region:	North Western Region
Facility ID:	26-09-0131
Cleanup Received Date:	02/20/2009
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**Not reported**
Decode for Region:	**North West Region**

BG241
ESE
1/4-1/2
0.351 mi.
1851 ft.

HEATING OIL TANK
1824 SE TAYLOR STREET
PORTLAND, OR 97214

Site 2 of 2 in cluster BG

OR LUST **S106475272**
N/A

Relative:
Higher

Actual:
106 ft.

LUST:

Region:	North Western Region
Facility ID:	26-04-0206
Cleanup Received Date:	02/18/2004
Cleanup Start Date:	02/20/2004
Cleanup Complete Date:	**05/19/2004**
Decode for Region:	**North West Region**

BR242
SW
1/4-1/2
0.352 mi.
1860 ft.

KNEZ BUILDING MATERIALS
519 SE MAIN ST
PORTLAND, OR 97214

Site 1 of 2 in cluster BR

WA SWRCY **S114404086**
N/A

Relative:
Lower

Actual:
61 ft.

SWRCY:

Facility ID:	809
Service:	Knez Building Materials
Phone:	503-232-6603
Extension:	Not reported
Website:	http://www.knezinc.com/
Email:	Not reported
Material Category:	Building Materials
Material Accepted:	Gypsum, drywall
Contact Name:	Not reported
Residential:	Yes
Commercial:	Yes
Service Type:	Dropoff and buy-back sites
Light Recycle Participant:	No
Hours:	Mon-Fri 6:30am-4pm
Comments:	Only take unused board scraps that have not been previously intalled. Must have no paint, nails/screws, or metal trims.

BS243 **HEATING OIL TANK** **OR LUST** **S100497489**
SW **601 SE MADISON** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.353 mi.
1864 ft. **Site 1 of 2 in cluster BS**

Relative: **Lower**
Actual: **59 ft.**

LUST:

Region:	North Western Region
Facility ID:	26-93-6011
Cleanup Received Date:	03/03/1993
Cleanup Start Date:	03/05/1993
Cleanup Complete Date:	**06/08/1993**
Decode for Region:	**North West Region**

BT244 **HEATING OIL TANK** **OR LUST** **S105247209**
ESE **1216 SE 18TH** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.356 mi.
1879 ft. **Site 1 of 2 in cluster BT**

Relative: **Higher**
Actual: **100 ft.**

LUST:

Region:	North Western Region
Facility ID:	26-01-8557
Cleanup Received Date:	12/11/2001
Cleanup Start Date:	12/05/2001
Cleanup Complete Date:	**Not reported**
Decode for Region:	**North West Region**

BR245 **MR FORMAL INC** **RCRA-CESQG** **1008196083**
WSW **1205 SE GRAND AVE** **OR ECSI** **ORQ000022806**
1/4-1/2 **PORTLAND, OR 97214** **OR VCP**
0.356 mi. **OR MANIFEST**
1881 ft. **Site 2 of 2 in cluster BR**

Relative: **Lower**
Actual: **55 ft.**

RCRA-CESQG:

Date form received by agency:	12/31/2009
Facility name:	MR FORMAL INC
Facility address:	1205 SE GRAND AVE PORTLAND, OR 97214
EPA ID:	ORQ000022806
Contact:	MATT ROSENBERGER
Contact address:	1205 SE GRAND AVE PORTLAND, OR 97214-3435
Contact country:	US
Contact telephone:	503-238-7216
Contact email:	Not reported
EPA Region:	10
Land type:	Private
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely

MR FORMAL INC (Continued) **1008196083**

hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	EDWIN E HONEYCUTT III
Owner/operator address:	1205 SE GRAND AVE
	PORTLAND, OR 97214
Owner/operator country:	US
Owner/operator telephone:	503-238-7216
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	12/31/2009
Owner/Op end date:	Not reported

Owner/operator name:	EDWIN E HONEYCUTT III
Owner/operator address:	1205 SE GRAND AVE
	PORTLAND, OR 97214
Owner/operator country:	US
Owner/operator telephone:	503-238-7216
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	06/30/2003
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

. Waste code:	NA
. Waste name:	NA

Historical Generators:

Date form received by agency:	02/27/2009
Site name:	MR FORMAL INC

MR FORMAL INC (Continued) **1008196083**

Classification: Small Quantity Generator

Date form received by agency: 12/31/2008
Site name: MR FORMAL INC
Classification: Small Quantity Generator

Date form received by agency: 12/31/2007
Site name: MR FORMAL INC
Classification: Small Quantity Generator

Date form received by agency: 12/31/2006
Site name: MR FORMAL INC
Classification: Small Quantity Generator

Date form received by agency: 12/31/2005
Site name: MR FORMAL INC
Classification: Small Quantity Generator

Date form received by agency: 12/31/2004
Site name: MR FORMAL INC
Classification: Small Quantity Generator

Date form received by agency: 12/31/2003
Site name: MR FORMAL INC
Classification: Small Quantity Generator

Date form received by agency: 06/30/2003
Site name: MR FORMAL INC
Classification: Small Quantity Generator

Date form received by agency: 12/31/2002
Site name: MR FORMAL INC
Classification: Small Quantity Generator

Date form received by agency: 12/31/2001
Site name: MR FORMAL INC
Classification: Small Quantity Generator

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - Records/Reporting
Date violation determined: 05/05/2010
Date achieved compliance: 05/05/2010
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 05/05/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: State Statute or Regulation
Date violation determined: 11/30/2004
Date achieved compliance: 01/10/2005

MR FORMAL INC (Continued) **1008196083**

Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 12/06/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 11/30/2004
Date achieved compliance: 01/10/2005
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 12/06/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Records/Reporting
Date violation determined: 11/30/2004
Date achieved compliance: 02/23/2005
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 12/06/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 12/14/2011
Evaluation: COMPLIANCE ASSISTANCE VISIT
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/05/2010
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - Records/Reporting
Date achieved compliance: 05/05/2010
Evaluation lead agency: State

Evaluation date: 06/02/2009
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

MR FORMAL INC (Continued) **1008196083**

Evaluation date: 11/30/2004
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: State Statute or Regulation
Date achieved compliance: 01/10/2005
Evaluation lead agency: State

Evaluation date: 11/30/2004
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Records/Reporting
Date achieved compliance: 02/23/2005
Evaluation lead agency: State

Evaluation date: 11/30/2004
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 01/10/2005
Evaluation lead agency: State

ECSI:
State ID Number: 5904
Brown ID: 0
Study Area: False
Region ID: 2
Legislatve ID: 831
Investigation: No Further Action
FACA ID: 59672
Further Action: 0
Lat/Long (dms): 45 30 51.10 / -122 39 40.00
County Code: 26.00
Score Value: Not reported
Cerclis ID: Not reported
Township Coord.: 1.00
Township Zone: S
Range Coord: 1.00
Range Zone: E
Section Coord: 2
Qtr Section: BC
Tax Lots: 3700, 3800
Size: 0.44 acres
NPL: False
Orphan: False
Updated By: GWISTAR
Update Date: 02/19/2015
Created Date: 06/16/2014
Decode For RegionID: Northwest Region
Decode For BrownID: Not reported
Decode For Furtheract: Not reported
Decode For Investstat: No Further Action
Decode For Legislative: Owner, operator or other party under agreement, order or consent decree under ORS 465.200 or 465.420

Hazardous Release:
Substance ID.: 121011
Haz Release ID: 388207
Qty Released: Less than 2.5 gallons
Date Released: October 9, 2013
Update Date: 07/17/2014
Update By: KDANA

MR FORMAL INC (Continued) **1008196083**

Substance Code:	127-18-4
Substance Name:	TETRACHLOROETHYLENE
Substance Abbrev.:	Not reported
Substance Category ID:	8519
Substance Category:	Volatiles
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Substance Category ID:	8551
Substance Category:	Solvents of interest to Milwaukie Area GW study
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Substance Category ID:	8519
Substance Category:	Volatiles
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Substance Category ID:	8551
Substance Category:	Solvents of interest to Milwaukie Area GW study
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Substance Alias ID:	316912
Sub Alias Name:	ETHENE,TETRACHLORO-
Substance Alias ID:	316913
Sub Alias Name:	ETHYLENE TETRACHLORIDE
Substance Alias ID:	316914
Sub Alias Name:	PERCHLOROETHYLENE
Substance Alias ID:	316915
Sub Alias Name:	PERCLENE
Substance Alias ID:	316916
Sub Alias Name:	TETRACHLOROETHENE
Substance Alias ID:	316917
Sub Alias Name:	TETRACHLOROETHENE,1,1,2,2-
Substance Alias ID:	316918
Sub Alias Name:	TETRACHLOROETHYLENE,1,1,2,2-
Comment ID:	305637
Release Code:	General Comments
Release Comments:	Also known as perchloroethylene or perc
Decode for Relcomcd:	General Comments
Comment ID:	305638
Release Code:	Media Contamination Footnote
Release Comments:	Other = soil gas
Decode for Relcomcd:	Media Contamination Footnote
Comment ID:	305639
Release Code:	Data Sources
Release Comments:	GeoDesign Technical Memorandum (June 2014) and Supplemental Tech Memo (August 2014)
Decode for Relcomcd:	Data Sources
Sampling Result ID:	350708
Feature Id:	0
Hazard Release Id:	388207
Medium:	703
Substance Abbrev.:	0
Unit Code:	7
Observation:	False

MR FORMAL INC (Continued) **1008196083**

Owner Operator: False
Lab Data: True
Sample Depth: 0.5-1.0 ft bgs
Start Date: 12/09/2013
End Date: 12/09/2013
Min Concentration: Not reported
Max Concentration: 60.70
Sample Comment: up to 60.7 ppm
Last Update By: KDANA
Update Date: 07/17/2014
Decode for MediumID: Soil
Sampling Result ID: 350709
Feature Id: 0
Hazard Release Id: 388207
Medium: 700
Substance Abbrev.: 0
Unit Code: 95
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 08/04/2014
End Date: 08/04/2014
Min Concentration: Not reported
Max Concentration: 16000.00
Sample Comment: up to 16,000 ug/m3
Last Update By: KDANA
Update Date: 09/03/2014
Decode for MediumID: Other

Substance ID.: 121781
Haz Release ID: 388208
Qty Released: unknown
Date Released: October 9, 2013
Update Date: 07/17/2014
Update By: KDANA
Substance Code: 79-01-6
Substance Name: TRICHLOROETHYLENE
Substance Abbrev.: Not reported
Substance Category ID: 8523
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8545
Substance Category: Solvents of interest to Milwaukie Area GW study
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8523
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8545
Substance Category: Solvents of interest to Milwaukie Area GW study
Category Level: Not reported

MR FORMAL INC (Continued) **1008196083**

Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 317517
Sub Alias Name: ETHINYL TRICHLORIDE
Substance Alias ID: 317518
Sub Alias Name: ETHYLENE TRICHLORIDE
Substance Alias ID: 317519
Sub Alias Name: TCE
Substance Alias ID: 317520
Sub Alias Name: TRI-CLENE
Substance Alias ID: 317521
Sub Alias Name: TRICHLOROETHENE
Comment ID: 305640
Release Code: General Comments
Release Comments: Degradation product of tetrachloroethylene
Decode for Relcomcd: General Comments
Comment ID: 305641
Release Code: Media Contamination Footnote
Release Comments: Other = soil gas
Decode for Relcomcd: Media Contamination Footnote
Comment ID: 305642
Release Code: Data Sources
Release Comments: June 2014 GeoDesign Technical Memorandum
Decode for Relcomcd: Data Sources
Sampling Result ID: 350710
Feature Id: 0
Hazard Release Id: 388208
Medium: 700
Substance Abbrev.: 0
Unit Code: 95
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 06/04/2014
End Date: 06/04/2014
Min Concentration: Not reported
Max Concentration: 2500.00
Sample Comment: up to 2,500 ug/m3
Last Update By: KDANA
Update Date: 07/17/2014
Decode for MediumID: Other

Narrative:
NARR ID: 5755275
NARR Code: Contamination
Created By: KDANA
Created Date: 09/03/2014
Updated By: KDANA
Updated Date: 10/08/2014
Decode for NarcdID: Contamination
NARR Comments: (10/08/2014 KPD/ICP) Approximately 2.5 gallons of a solvent/water mixture spilled from a dry cleaning machine at this site on October 9, 2013. It was reported that most of the spill was captured in a spill containment tray, and that much of the rest was soaked up by rags. However, a small amount reached the subsurface through a seam at the base of a wall. Sub-slab soil sampling in December 2013 found up to 60.7 ppm PCE. Sub-slab vapor sampling conducted in April, June,

MR FORMAL INC (Continued) **1008196083**

and August 2014 found up to 16,000 ug/m3 PCE and 2,500 ug/m3 TCE.

NARR ID: 5755215
NARR Code: Data Sources
Created By: KDANA
Created Date: 07/17/2014
Updated By: KDANA
Updated Date: 09/03/2014
Decode for NarcdID: Data Sources
NARR Comments: 1) GeoDesign <quot>Technical Memorandum<quot> [June 18, 2014]. 2) GeoDesign <quot>Supplemental Technical Memorandum<quot> [August 27, 2014].

NARR ID: 5755214
NARR Code: Hazardous Substance/Waste Types
Created By: KDANA
Created Date: 07/17/2014
Updated By: KDANA
Updated Date: 07/17/2014
Decode for NarcdID: Hazardous Substance/Waste Types
NARR Comments: Perchloroethylene (PCE) and trichloroethylene (TCE)

NARR ID: 5755212
NARR Code: Site Location
Created By: KDANA
Created Date: 07/17/2014
Updated By: KDANA
Updated Date: 07/17/2014
Decode for NarcdID: Site Location
NARR Comments: The site is located along the south side of SE Salmon Street, between Martin Luther King Jr. Boulevard and Grand Avenue.

NARR ID: 5755213
NARR Code: Manner of Release
Created By: KDANA
Created Date: 07/17/2014
Updated By: KDANA
Updated Date: 07/17/2014
Decode for NarcdID: Manner of Release
NARR Comments: Spill of 2.5 gallons of solvent/water mix on October 9, 2013

NARR ID: 5755277
NARR Code: Media Contamination
Created By: KDANA
Created Date: 09/03/2014
Updated By: KDANA
Updated Date: 10/08/2014
Decode for NarcdID: Media Contamination
NARR Comments: Sub-slab soils and vapors were impacted by PCE and TCE

NARR ID: 5755276
NARR Code: Remedial Action
Created By: KDANA
Created Date: 09/03/2014
Updated By: KDANA
Updated Date: 10/08/2014
Decode for NarcdID: Remedial Action

MR FORMAL INC (Continued) **1008196083**

NARR Comments: (10/08/2014 KPD/ICP) A soil vapor extraction (SVE) system was installed and activated at the site on December 10, 2013, discharging an estimated 8 cubic feet of sub-slab vapors per minute through a roof vent. The system operated through July 2014. Sampling found up to 16,000 ug/m3 PCE and 2,500 ug/m3 TCE, below DEQ's risk-based concentrations of 47,000 ug/m3 PCE and 2,900 ug/m3 TCE for soil gas in an occupational setting.

Administrative Action:
Action ID: 9424
Region: Not reported
Complete Date: 06/16/2014
Rank Value: Not reported
Cleanup Flag: False
Created Date: 06/16/2014
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Administrative Action
Action Code Flag: False
Action: Site added to database
Further Action: Not reported
Comments: Not reported

Action ID: 9519
Region: Northwestern Region
Complete Date: 07/14/2014
Rank Value: Not reported
Cleanup Flag: False
Created Date: 06/16/2014
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: VCS Waiting List
Further Action: 0
Comments: Not reported

Action ID: 9425
Region: Northwestern Region
Complete Date: 10/08/2014
Rank Value: Not reported
Cleanup Flag: False
Created Date: 07/14/2014
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: SITE EVALUATION
Further Action: 0
Comments: Not reported

Action ID: 9491
Region: 0
Complete Date: 07/24/2014
Rank Value: Not reported
Cleanup Flag: False
Created Date: 10/08/2014
Decode for AgencyID: Department of Environmental Quality

MR FORMAL INC (Continued) **1008196083**

Decode for RegionID: Not reported
Category: Remedial Action
Action Code Flag: False
Action: REMOVAL
Further Action: 0
Comments: Not reported

Action ID: 9443
Region: Northwestern Region
Complete Date: 10/08/2014
Rank Value: Not reported
Cleanup Flag: False
Created Date: 10/08/2014
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: NO FURTHER STATE ACTION REQUIRED
Further Action: 0
Comments: Not reported

Action ID: 9449
Region: Northwestern Region
Complete Date: 10/08/2014
Rank Value: Not reported
Cleanup Flag: False
Created Date: 10/08/2014
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Listing Action
Action Code Flag: False
Action: Insufficient information to list
Further Action: 0
Comments: Not reported

VCS:
ECS Site ID: 5904
Facility Size: 0.44 acres
Action: NO FURTHER STATE ACTION REQUIRED
Start Date: 10/08/2014
End Date: 10/08/2014
Facility Status: Completed
Program: ICP
Latitude: 45.5142
Longitude: -122.6611

OR MANIFEST:
Manifest Year: Manifest Year - 2008
EPA Id: ORQ000022806
Inactive Status: Not reported
Organization Name: Not reported
Contact Name: Matt Rosenberger
Contact Telephone Number: Not reported
Mailing Address: 1205 SE Grand Ave
Mailing City/State/Zip: Portland, OR 97214-3435

MR FORMAL INC (Continued) **1008196083**

Manifest:

Year :	2008
RCRA Id :	ORQ000022806
Inactive :	Not reported
Status:	Small quantity generator
Manifest :	001121942
Ship Date :	07/08/2008
TSD :	ORD981766124
WS Num:	1
Transporter:	TXR000050930
Ship Qty :	Not reported
Rpt Unit :	Not reported
Off Mng :	H020
EPA Waste Codes:	D007 D039 D040 F002
Waste Description:	tetrachloroethylene
Total Amt Of Waste Stream Generated in Reporting Yr 1:	659.38900000000001
Total Amt Of Waste Stream Generated in Reporting Yr 2:	88.432500000000005

Year :	2008
RCRA Id :	ORQ000022806
Inactive :	Not reported
Status:	Small quantity generator
Manifest :	000671084
Ship Date :	02/13/2008
TSD :	ORD981766124
WS Num:	1
Transporter:	TXR000050930
Ship Qty :	Not reported
Rpt Unit :	Not reported
Off Mng :	H020
EPA Waste Codes:	D007 D039 D040 F002
Waste Description:	tetrachloroethylene
Total Amt Of Waste Stream Generated in Reporting Yr 1:	659.38900000000001
Total Amt Of Waste Stream Generated in Reporting Yr 2:	58.954999999999998

Year :	2008
RCRA Id :	ORQ000022806
Inactive :	Not reported
Status:	Small quantity generator
Manifest :	000671309
Ship Date :	03/28/2008
TSD :	ORD981766124
WS Num:	1
Transporter:	TXR000050930
Ship Qty :	Not reported
Rpt Unit :	Not reported
Off Mng :	H020
EPA Waste Codes:	D007 D039 D040 F002
Waste Description:	tetrachloroethylene
Total Amt Of Waste Stream Generated in Reporting Yr 1:	659.38900000000001
Total Amt Of Waste Stream Generated in Reporting Yr 2:	88.432500000000005

Year :	2008
RCRA Id :	ORQ000022806
Inactive :	Not reported
Status:	Small quantity generator
Manifest :	001423421

MR FORMAL INC (Continued) **1008196083**

Ship Date : 11/19/2008
TSD : ORD981766124
WS Num: 1
Transporter: TXR000050930
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H020
EPA Waste Codes: D007 D039 D040 F002
Waste Description: tetrachloroethylene
Total Amt Of Waste Stream Generated in Reporting Yr 1: 659.38900000000001
Total Amt Of Waste Stream Generated in Reporting Yr 2: 57.140999999999998

Year : 2008
RCRA Id : ORQ000022806
Inactive : Not reported
Status: Small quantity generator
Manifest : 000130800
Ship Date : 05/19/2008
TSD : ORD981766124
WS Num: 1
Transporter: TXR000050930
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H020
EPA Waste Codes: D007 D039 D040 F002
Waste Description: tetrachloroethylene
Total Amt Of Waste Stream Generated in Reporting Yr 1: 659.38900000000001
Total Amt Of Waste Stream Generated in Reporting Yr 2: 88.432500000000005

Year : 2008
RCRA Id : ORQ000022806
Inactive : Not reported
Status: Small quantity generator
Manifest : 000145742
Ship Date : 09/23/2008
TSD : ORD981766124
WS Num: 1
Transporter: TXR000050930
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H020
EPA Waste Codes: D007 D039 D040 F002
Waste Description: tetrachloroethylene
Total Amt Of Waste Stream Generated in Reporting Yr 1: 659.38900000000001
Total Amt Of Waste Stream Generated in Reporting Yr 2: 54.420000000000002

Year : 2008
RCRA Id : ORQ000022806
Inactive : Not reported
Status: Small quantity generator
Manifest : 001461711
Ship Date : 10/20/2008
TSD : ORD981766124
WS Num: 1
Transporter: TXR000050930
Ship Qty : Not reported
Rpt Unit : Not reported

MR FORMAL INC (Continued) **1008196083**

Off Mng : H020
EPA Waste Codes: D007 D039 D040 F002
Waste Description: tetrachloroethylene
Total Amt Of Waste Stream Generated in Reporting Yr 1: 659.38900000000001
Total Amt Of Waste Stream Generated in Reporting Yr 2: 87.978999999999999

Year : 2008
RCRA Id : ORQ000022806
Inactive : Not reported
Status: Small quantity generator
Manifest : 001160694
Ship Date : 06/12/2008
TSD : ORD981766124
WS Num: 1
Transporter: TXR000050930
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H020
EPA Waste Codes: D007 D039 D040 F002
Waste Description: tetrachloroethylene
Total Amt Of Waste Stream Generated in Reporting Yr 1: 659.38900000000001
Total Amt Of Waste Stream Generated in Reporting Yr 2: 88.432500000000005

Manifest:
Year : 2007
RCRA Id : ORQ000022806
Inactive : Not reported
Status: Small quantity generator
Manifest : 000670693SKS
Ship Date : 12/17/2007
TSD : 714801
WS Num: 1
Transporter: TXR000050930
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H020
EPA Waste Codes: D007 D039 D040 F002
Waste Description: tetrachloroethylene
Total Amt Of Waste Stream Generated in Reporting Yr 1: 319.72000000000003
Total Amt Of Waste Stream Generated in Reporting Yr 2: 88.430000000000007

Year : 2007
RCRA Id : ORQ000022806
Inactive : Not reported
Status: Small quantity generator
Manifest : 000055030sks
Ship Date : 08/01/2007
TSD : 714801
WS Num: 1
Transporter: TXR000050930
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H020
EPA Waste Codes: D007 D039 D040 F002
Waste Description: tetrachloroethylene

MR FORMAL INC (Continued) **1008196083**

Total Amt Of Waste Stream Generated in Reporting Yr 1: 319.72000000000003
Total Amt Of Waste Stream Generated in Reporting Yr 2: 88.430000000000007

Year : 2007
RCRA Id : ORQ000022806
Inactive : Not reported
Status: Small quantity generator
Manifest : 00670939SKS
Ship Date : 10/25/2007
TSD : 714801
WS Num: 1
Transporter: TXR000050930
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H020
EPA Waste Codes: D007 D039 D040 F002
Waste Description: tetrachloroethylene
Total Amt Of Waste Stream Generated in Reporting Yr 1: 319.72000000000003
Total Amt Of Waste Stream Generated in Reporting Yr 2: 54.420000000000002

Year : 2007
RCRA Id : ORQ000022806
Inactive : Not reported
Status: Small quantity generator
Manifest : 000081339sks
Ship Date : 09/24/2007
TSD : 714801
WS Num: 1
Transporter: TXR000050930
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H020
EPA Waste Codes: D007 D039 D040 F002
Waste Description: tetrachloroethylene
Total Amt Of Waste Stream Generated in Reporting Yr 1: 319.72000000000003
Total Amt Of Waste Stream Generated in Reporting Yr 2: 88.430000000000007

Manifest:
Year : 2006
RCRA Id : ORQ000022806
Inactive : Not reported
Status: Small quantity generator
Manifest : 38745
Ship Date : 01/24/2006
TSD : ORD981766124
WS Num: Not reported
Transporter: TXR000050930
Ship Qty : 195
Rpt Unit : LB
Off Mng : H020
EPA Waste Codes: D007 D039 D040 F002
Waste Description: tetrachloroethylene
Total Amt Of Waste Stream Generated in Reporting Yr 1: Not reported
Total Amt Of Waste Stream Generated in Reporting Yr 2: Not reported

MR FORMAL INC (Continued) **1008196083**

Year : 2006
RCRA Id : ORQ000022806
Inactive : Not reported
Status: Small quantity generator
Manifest : 48185
Ship Date : 04/21/2006
TSD : ORD981766124
WS Num: Not reported
Transporter: TXR000050930
Ship Qty : 195
Rpt Unit : LB
Off Mng : H020
EPA Waste Codes: D007 D039 D040 F002
Waste Description: tetrachloroethylene
Total Amt Of Waste Stream Generated in Reporting Yr 1: Not reported
Total Amt Of Waste Stream Generated in Reporting Yr 2: Not reported

Year : 2006
RCRA Id : ORQ000022806
Inactive : Not reported
Status: Small quantity generator
Manifest : 50964
Ship Date : 12/13/2006
TSD : ORD981766124
WS Num: Not reported
Transporter: TXR000050930
Ship Qty : 240
Rpt Unit : LB
Off Mng : H020
EPA Waste Codes: D007 D039 D040 F002
Waste Description: tetrachloroethylene
Total Amt Of Waste Stream Generated in Reporting Yr 1: Not reported
Total Amt Of Waste Stream Generated in Reporting Yr 2: Not reported

Manifest:
Year : 2004
RCRA Id : ORQ000022806
Inactive : Not reported
Status: Small quantity generator
Manifest : 0027896975
Ship Date : 12/10/2004
TSD : ORD981766124
WS Num: Not reported
Transporter: TXR000050930
Ship Qty : 195
Rpt Unit : LB
Off Mng : H020
EPA Waste Codes: D007 D039 D040 F002
Waste Description: Not reported
Total Amt Of Waste Stream Generated in Reporting Yr 1: Not reported
Total Amt Of Waste Stream Generated in Reporting Yr 2: Not reported

Year : 2004
RCRA Id : ORQ000022806
Inactive : Not reported

MR FORMAL INC (Continued) **1008196083**

Status:	Small quantity generator
Manifest :	0026538879
Ship Date :	06/24/2004
TSD :	ORD981766124
WS Num:	Not reported
Transporter:	TXR000050930
Ship Qty :	390
Rpt Unit :	LB
Off Mng :	H020
EPA Waste Codes:	D007 D039 D040 F002
Waste Description:	Not reported
Total Amt Of Waste Stream Generated in Reporting Yr 1:	Not reported
Total Amt Of Waste Stream Generated in Reporting Yr 2:	Not reported

Year :	2004
RCRA Id :	ORQ000022806
Inactive :	Not reported
Status:	Small quantity generator
Manifest :	0027190465
Ship Date :	09/28/2004
TSD :	ORD981766124
WS Num:	Not reported
Transporter:	TXR000050930
Ship Qty :	390
Rpt Unit :	LB
Off Mng :	H020
EPA Waste Codes:	D007 D039 D040 F002
Waste Description:	Not reported
Total Amt Of Waste Stream Generated in Reporting Yr 1:	Not reported
Total Amt Of Waste Stream Generated in Reporting Yr 2:	Not reported

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BU246 **HEATING OIL TANK** **OR LUST** **S118452416**
SSE **1500 SE HAWTHORNE BLVD** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.356 mi.
1882 ft. **Site 1 of 6 in cluster BU**

Relative: LUST:
Lower

Region:	North Western Region
Facility ID:	26-15-1645
Cleanup Received Date:	11/25/2015
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**02/09/2016**
Decode for Region:	**North West Region**

Actual:
55 ft.

BV247 **OECO CORP. - PORTLAND** **OR ECSI** **S103842609**
SSW **712 SE HAWTHORNE BLVD.** **OR VCP** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.362 mi.
1909 ft. **Site 1 of 3 in cluster BV**

Relative: ECSI:
Lower

State ID Number:	1667
Brown ID:	0
Study Area:	False

Actual:
55 ft.

OECO CORP. - PORTLAND (Continued) **S103842609**

Region ID: 2
Legislatve ID: 0
Investigation: No Further Action
FACA ID: 2886
Further Action: 0
Lat/Long (dms): 45 30 43.60 / -122 39 29.90
County Code: 26.00
Score Value: Not reported
Cerclis ID: 009024233
Township Coord.: 1.00
Township Zone: S
Range Coord: 1.00
Range Zone: E
Section Coord: 2
Qtr Section: Not reported
Tax Lots: Not reported
Size: 3 acres
NPL: False
Orphan: False
Updated By: SGREENF
Update Date: 05/23/2016
Created Date: 03/28/1995
Decode For RegionID: Northwest Region
Decode For BrownID: Not reported
Decode For Furtheract: Not reported
Decode For Investstat: No Further Action
Decode For Legislative: Not reported
Alias Name: Osborne Electric Corp.

Hazardous Release:
Substance ID.: 120781
Haz Release ID: 380472
Qty Released: unk.
Date Released: before 1984
Update Date: 05/30/1996
Update By: Not reported
Substance Code: 100-41-4
Substance Name: ETHYLBENZENE
Substance Abbrev.: Not reported
Substance Category ID: 8515
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8515
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 316146
Sub Alias Name: ETHYLBENZOL
Substance Alias ID: 316147
Sub Alias Name: PHENYLETHANE
Comment ID: 303133
Release Code: Release Containment
Release Comments: UST
Decode for Relcomcd: Release Containment
Sampling Result ID: 342159

OECO CORP. - PORTLAND (Continued) **S103842609**

Feature Id: Not reported
Hazard Release Id: 380472
Medium: 703
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 10/01/1990
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: 0.4 ppm
Last Update By: gmw
Update Date: 05/30/1996
Decode for MediumID: Soil

Substance ID.: 120883
Haz Release ID: 380473
Qty Released: unk.
Date Released: before 1984
Update Date: 05/30/1996
Update By: Not reported
Substance Code: 108-88-3
Substance Name: TOLUENE
Substance Abbrev.: Not reported
Substance Category ID: 8520
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8520
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 316466
Sub Alias Name: BENZENE,METHYL-
Substance Alias ID: 316467
Sub Alias Name: METHACIDE
Substance Alias ID: 316468
Sub Alias Name: METHYLBENZENE
Substance Alias ID: 316469
Sub Alias Name: METHYLBENZOL
Substance Alias ID: 316470
Sub Alias Name: PHENYLMETHANE
Substance Alias ID: 316471
Sub Alias Name: TOLUOL
Comment ID: 303134
Release Code: Release Containment
Release Comments: UST
Decode for Relcomcd: Release Containment
Sampling Result ID: 342160
Feature Id: Not reported
Hazard Release Id: 380473
Medium: 703

OECO CORP. - PORTLAND (Continued) **S103842609**

Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 10/01/1990
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: 3.04 ppm
Last Update By: gmw
Update Date: 05/30/1996
Decode for MediumID: Soil

Substance ID.: 121011
Haz Release ID: 380474
Qty Released: unk.
Date Released: before 1984
Update Date: 05/30/1996
Update By: Not reported
Substance Code: 127-18-4
Substance Name: TETRACHLOROETHYLENE
Substance Abbrev.: Not reported
Substance Category ID: 8519
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8551
Substance Category: Solvents of interest to Milwaukie Area GW study
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8519
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8551
Substance Category: Solvents of interest to Milwaukie Area GW study
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 316912
Sub Alias Name: ETHENE,TETRACHLORO-
Substance Alias ID: 316913
Sub Alias Name: ETHYLENE TETRACHLORIDE
Substance Alias ID: 316914
Sub Alias Name: PERCHLOROETHYLENE
Substance Alias ID: 316915
Sub Alias Name: PERCLENE
Substance Alias ID: 316916
Sub Alias Name: TETRACHLOROETHENE
Substance Alias ID: 316917
Sub Alias Name: TETRACHLOROETHENE,1,1,2,2-
Substance Alias ID: 316918

OECO CORP. - PORTLAND (Continued) **S103842609**

Sub Alias Name: TETRACHLOROETHYLENE,1,1,2,2-
Comment ID: 303135
Release Code: Release Containment
Release Comments: UST
Decode for Relcomcd: Release Containment
Sampling Result ID: 342161
Feature Id: Not reported
Hazard Release Id: 380474
Medium: 703
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 10/01/1990
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: 0.15 ppm
Last Update By: gmw
Update Date: 05/30/1996
Decode for MediumID: Soil

Substance ID.: 121610
Haz Release ID: 380475
Qty Released: unk.
Date Released: before 1984
Update Date: 05/30/1996
Update By: Not reported
Substance Code: 71-55-6
Substance Name: TRICHLOROETHANE,1,1,1-
Substance Abbrev.: Not reported
Substance Category ID: 8521
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8552
Substance Category: Solvents of interest to Milwaukie Area GW study
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8521
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8552
Substance Category: Solvents of interest to Milwaukie Area GW study
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 318151
Sub Alias Name: TCA,1,1,1-
Substance Alias ID: 319183
Sub Alias Name: BALTANA

OECO CORP. - PORTLAND (Continued) **S103842609**

Substance Alias ID: 319184
Sub Alias Name: CHLOROTHENE
Substance Alias ID: 319185
Sub Alias Name: METHYLCHLOROFORM
Comment ID: 303138
Release Code: Release Containment
Release Comments: UST
Decode for Relcomcd: Release Containment
Sampling Result ID: 342162
Feature Id: Not reported
Hazard Release Id: 380475
Medium: 703
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 10/01/1990
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: 0.21 ppm
Last Update By: gmw
Update Date: 05/30/1996
Decode for MediumID: Soil

Substance ID.: 121051
Haz Release ID: 380476
Qty Released: unk.
Date Released: before 1984
Update Date: 05/30/1996
Update By: Not reported
Substance Code: 1330-20-7
Substance Name: XYLENEs
Substance Abbrev.: Not reported
Substance Category ID: 8526
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8526
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 317017
Sub Alias Name: DIMETHYLBENZENEs
Substance Alias ID: 317018
Sub Alias Name: XYLOLs
Comment ID: 303136
Release Code: Release Containment
Release Comments: UST
Decode for Relcomcd: Release Containment
Sampling Result ID: 342163
Feature Id: Not reported
Hazard Release Id: 380476

OECO CORP. - PORTLAND (Continued) **S103842609**

Medium: 703
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 10/01/1990
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: 2.4 ppm
Last Update By: gmw
Update Date: 05/30/1996
Decode for MediumID: Soil

Narrative:

NARR ID: 5734835
NARR Code: Contamination
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Contamination
NARR Comments: Osborne Electric Corporation began operating at the site in 1954, and changed its name to OECO Corp. 12/61. In 1986, OECO moved to a site in Milwaukie, which has a separate ECSI file (#1119). OECO uses solvents to clean and degrease electrical parts. A copy of a 1991 e-mail found in OECO's Milwaukie site file suggested that solvent releases from a UST had occurred at this Portland site. Site Assessment obtained the 1990 UST removal report from OECO 5/96; it documented low levels of VOCs in soil beneath the decommissioned 1,000-gallon waste solvent tank (which had not been used since 1983). The tank and associated piping were in poor condition, suggesting leakage while the tank was in operation. After the hole was backfilled in 1990, a soil boring was installed to 3 feet below the fill end of the UST, reportedly encountering no VOC contamination. In 10/91, DEQ's RCRA program wrote a letter to OECO's attorney indicating that DEQ considered the tank to have been a hazardous waste generator accumulation unit, rather than a RCRA-regulated storage unit subject to permit. This letter also indicated DEQ's opinion that the tank had been closed adequately, according to RCRA regulations.

NARR ID: 5734836
NARR Code: Data Sources
Created By: Not reported
Created Date: 12/17/2002
Updated By: KDANA
Updated Date: 09/24/2014
Decode for NarcdID: Data Sources
NARR Comments: EPA Preliminary Assessment forms; 1990 UST removal report completed by SRH Group; correspondence, notes, and memos created by OECO and DEQ (contained in ECSI file #1667). LUST file #26-90-0376 and UST Facility ID #10622

NARR ID: 5734837
NARR Code: Hazardous Substance/Waste Types

OECO CORP. - PORTLAND (Continued) **S103842609**

Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Hazardous Substance/Waste Types
NARR Comments: Chlorinated and petroleum-based solvents; possibly metals. OECO generated approximately 7,000 gal. of waste solvent in calendar 1985, its last year at this location.

NARR ID: 5734838
NARR Code: Site Location
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Site Location
NARR Comments: OECO's occupancy also included 732 SE Hawthorne Blvd., 1530 SE 7th Ave., and possibly other nearby/adjacent buildings.

NARR ID: 5734839
NARR Code: Manner of Release
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Manner of Release
NARR Comments: Possible release of waste solvents from an underground storage tank. Time of release: unknown.

NARR ID: 5734840
NARR Code: Pathways Other Hazards
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Pathways & Other Hazards
NARR Comments: The site is located in Portland's Central Eastside Industrial District, where there are not likely to be any drinking water wells in use. Groundwater is expected to occur at a depth of between 15 and 25 feet at the site.

NARR ID: 5734841
NARR Code: Remedial Action
Created By: Not reported
Created Date: 12/17/2002
Updated By: SGREENF
Updated Date: 05/25/2016
Decode for NarcdID: Remedial Action
NARR Comments: (7/5/96 GMW) Some documentation is missing from the site's DEQ files, and OECO could provide only a portion of relevant site documents following a 4/96 request for information. It appears that no further soil removal or other site investigation occurred after 11/90. Although a soil boring beneath the part of the UST that was contaminated came up non-detect for solvents, further investigation is needed to confirm that no soil contamination remains at the site. Groundwater in the vicinity of the former tank should also be sampled. Site Assessment believes these actions are necessary,

OECO CORP. - PORTLAND (Continued) **S103842609**

because: 1) the age and condition of the UST at removal suggest that significant quantities of solvent were released; and 2) the water table is expected to be relatively shallow in this area, so that any releases, especially of chlorinated solvent, would likely have migrated to groundwater. Further state action at the site is a low-to-medium priority. (5/25/16 SG) A site investigation was performed in December 2015 beneath the former tank area where soil impacts were identified in 1989-1990. Soil samples were collected and analyzed for petroleum hydrocarbons, VOCs, and metals. Petroleum hydrocarbons and VOCs were not detected. Metals were detected at concentrations below regional background levels. The soil boring hit refusal at 27 feet below ground surface and no groundwater was encountered. Since groundwater could not be collected for laboratory analysis, a soil gas sample was collected and analyzed for VOCs. VOC concentrations in soil gas were below the urban residential risk-based concentrations. Based on these findings, DEQ determined that the site is protective of human health and the environment and that no further action is required.

NARR ID: 5751229
NARR Code: 1922
Created By: GWISTAR
Created Date: 02/27/2009
Updated By: SGREENF
Updated Date: 06/10/2016
Decode for NarcdID: Current Site Summary Statement
NARR Comments: [May 2016] A site investigation completed in December 2015 found that there was no evidence of release attributed to the former waste solvent tank on the site. No further action is required.

Administrative Action:
Action ID: 9519
Region: Northwestern Region
Complete Date: 03/18/2015
Rank Value: Not reported
Cleanup Flag: False
Created Date: 01/22/2015
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: VCS Waiting List
Further Action: 0
Comments: Not reported

Action ID: 9426
Region: Northwestern Region
Complete Date: 05/23/2016
Rank Value: Not reported
Cleanup Flag: False
Created Date: 03/18/2015
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: SITE PRIORITY EVALUATION FOR FURTHER ACTION
Further Action: 0
Comments: Not reported

OECO CORP. - PORTLAND (Continued) **S103842609**

Action ID: 9443
Region: Northwestern Region
Complete Date: 05/23/2016
Rank Value: Not reported
Cleanup Flag: False
Created Date: 05/23/2016
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: NO FURTHER STATE ACTION REQUIRED
Further Action: 0
Comments: Not reported

Action ID: 9425
Region: Northwestern Region
Complete Date: 07/05/1996
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: SITE EVALUATION
Further Action: Not reported
Comments: Not reported

Action ID: 9437
Region: Northwestern Region
Complete Date: 07/05/1996
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Listing Action
Action Code Flag: False
Action: Listing Review completed
Further Action: Not reported
Comments: Not reported

Action ID: 9449
Region: Northwestern Region
Complete Date: Not reported
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Listing Action
Action Code Flag: False
Action: Insufficient information to list
Further Action: Not reported
Comments: Not reported

Action ID: 9505

OECO CORP. - PORTLAND (Continued) **S103842609**

Region: Northwestern Region
Complete Date: 07/05/1996
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Site Confirmatory Sampling recommended
Further Action: Not reported
Comments: Not reported

Action ID: 9421
Region: Not reported
Complete Date: Not reported
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Environmental Protection Agency
Decode for RegionID: Not reported
Category: EPA Led Action
Action Code Flag: False
Action: Site added to CERCLIS
Further Action: Not reported
Comments: Not reported

Action ID: 9424
Region: Headquarters
Complete Date: Not reported
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Administrative Action
Action Code Flag: False
Action: Site added to database
Further Action: Not reported
Comments: Not reported

Action ID: 9457
Region: Not reported
Complete Date: 06/28/1984
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Environmental Protection Agency
Decode for RegionID: Not reported
Category: EPA Led Action
Action Code Flag: False
Action: EPA Basic Preliminary Assessment
Further Action: Not reported
Comments: Not reported

Action ID: 9444
Region: Not reported

OECO CORP. - PORTLAND (Continued) **S103842609**

Complete Date: 06/28/1984
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Environmental Protection Agency
Decode for RegionID: Not reported
Category: EPA Led Action
Action Code Flag: False
Action: No Further Remedial Action Planned under Federal program
Further Action: Not reported
Comments: Not reported

Action ID: 9508
Region: Headquarters
Complete Date: 03/29/1995
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Remedial Action
Action Code Flag: False
Action: Site Screening recommended (EV)
Further Action: Not reported
Comments: Not reported

Operations:
Operation Id: 132999
Operation Status: Inactive
Common Name: OECO Corp.
Yrs of Operation: 1954-1986
Comments: Manufactured transformers, electronic equipment, and power supplies for missles and aircraft.
Updated Date: 06/20/2001
Updated By: jmw
Decode for OpstatID: Inactive
Operations SIC Id: 195909
SIC Code: 3612
Created By: Not reported
Created Date: 12/17/2002

VCS:
ECS Site ID: 1667
Facility Size: 3 acres
Action: NO FURTHER STATE ACTION REQUIRED
Start Date: 05/23/2016
End Date: 05/23/2016
Facility Status: Completed
Program: VCP
Latitude: 45.5121
Longitude: -122.6583

BV248 **OECO CORP** **SEMS-ARCHIVE** **1015735958**
SSW **712 SE HAWTHORNE BLD** **RCRA NonGen / NLR** **ORD009024233**
1/4-1/2 **PORTLAND, OR 97214**
0.362 mi.
1909 ft. **Site 2 of 3 in cluster BV**

Relative:
Lower

Actual:
55 ft.

SEMS Archive:

Site ID:	1000342
EPA ID:	ORD009024233
Cong District:	03
FIPS Code:	41051
FF:	N
NPL:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information
Latitude:	45.5125
Longitude:	-122.657222

SEMS Archive Detail:

Region:	10
Site ID:	1000342
EPA ID:	ORD009024233
Site Name:	OECO CORP
NPL:	N
FF:	N
OU:	00
Action Code:	VS
Action Name:	ARCH SITE
SEQ:	1
Start Date:	Not reported
Finish Date:	1984-06-28 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf In-Hse

Region:	10
Site ID:	1000342
EPA ID:	ORD009024233
Site Name:	OECO CORP
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	1983-11-01 05:00:00
Finish Date:	1984-06-28 05:00:00
Qual:	N
Current Action Lead:	EPA Perf

Region:	10
Site ID:	1000342
EPA ID:	ORD009024233
Site Name:	OECO CORP
NPL:	N
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1980-03-01 05:00:00
Finish Date:	1980-03-01 05:00:00

OECO CORP (Continued) **1015735958**

Qual: Not reported
Current Action Lead: EPA Perf

RCRA NonGen / NLR:
Date form received by agency: 06/10/1986
Facility name: OECO
Facility address: 712 SE HAWTHORNE BLVD.
PORTLAND, OR 97214
EPA ID: ORD009024233
Mailing address: 4607 SE INTERNATIONAL WAY
MILWAUKIE, OR 97222
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 10
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: JIM UNDERWOOD
Owner/operator address: 4607 SE INTERNATIONAL WAY
MILWAUKIE, OR 97222
Owner/operator country: Not reported
Owner/operator telephone: 503-659-5999
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 06/10/1986

OECO CORP (Continued) **1015735958**

Site name: OECO
Classification: Not a generator, verified

Violation Status: No violations found

BL249 **HEATING OIL TANK** **OR LUST** **S113668850**
SE **1734 SE MAIN ST** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.362 mi.
1910 ft. **Site 3 of 3 in cluster BL**

Relative: **Higher**
Actual: **94 ft.**

LUST:
Region: North Western Region
Facility ID: 26-13-0152
Cleanup Received Date: 02/13/2013
Cleanup Start Date: Not reported
Cleanup Complete Date: 07/30/2013
Decode for Region: North West Region

BW250 **LADD INN TAVERN** **OR LUST** **S109051952**
South **1204 SE CLAY ST** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.362 mi.
1911 ft. **Site 1 of 2 in cluster BW**

Relative: **Lower**
Actual: **48 ft.**

LUST:
Region: North Western Region
Facility ID: 26-08-0037
Cleanup Received Date: 01/11/2008
Cleanup Start Date: 01/09/2008
Cleanup Complete Date: 10/28/2008
Decode for Region: North West Region

BN251 **HEATING OIL TANK** **OR LUST** **S106777279**
SSE **1541 SE MAPLE AVE** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.363 mi.
1914 ft. **Site 5 of 6 in cluster BN**

Relative: **Lower**
Actual: **50 ft.**

LUST:
Region: North Western Region
Facility ID: 26-04-1852
Cleanup Received Date: 09/14/2004
Cleanup Start Date: 09/15/2004
Cleanup Complete Date: 07/13/2005
Decode for Region: North West Region

BQ252
NE
1/4-1/2
0.363 mi.
1916 ft.

HEATING OIL TANK
204 SE 16TH AVE
PORTLAND, OR 97214

Site 3 of 3 in cluster BQ

OR LUST **S108572976**
N/A

Relative:
Higher

Actual:
124 ft.

LUST:
Region: North Western Region
Facility ID: 26-07-0416
Cleanup Received Date: 03/30/2007
Cleanup Start Date: Not reported
Cleanup Complete Date: 08/01/2007
Decode for Region: North West Region

BW253
South
1/4-1/2
0.363 mi.
1917 ft.

HEATING OIL TANK
1549 SE LADD AVENUE
PORTLAND, OR 97214

Site 2 of 2 in cluster BW

OR LUST **S105856595**
N/A

Relative:
Lower

Actual:
48 ft.

LUST:
Region: North Western Region
Facility ID: 26-03-0665
Cleanup Received Date: 04/09/2003
Cleanup Start Date: 04/15/2003
Cleanup Complete Date: 06/06/2003
Decode for Region: North West Region

BN254
SSE
1/4-1/2
0.364 mi.
1920 ft.

HEATING OIL TANK
1620 SE LADD AVE
PORTLAND, OR 97214

Site 6 of 6 in cluster BN

OR LUST **S113907230**
N/A

Relative:
Lower

Actual:
49 ft.

LUST:
Region: North Western Region
Facility ID: 26-13-0843
Cleanup Received Date: 06/28/2013
Cleanup Start Date: Not reported
Cleanup Complete Date: 10/16/2013
Decode for Region: North West Region

BV255
SSW
1/4-1/2
0.365 mi.
1926 ft.

HEATING OIL TANK
700 SE HAWTHORNE BLVD
PORTLAND, OR 97214

Site 3 of 3 in cluster BV

OR LUST **S112059307**
N/A

Relative:
Lower

Actual:
56 ft.

LUST:
Region: North Western Region
Facility ID: 26-12-0590
Cleanup Received Date: 06/04/2012
Cleanup Start Date: Not reported
Cleanup Complete Date: 09/21/2012
Decode for Region: North West Region

BU256
SSE
1/4-1/2
0.365 mi.
1928 ft.

HEATING OIL TANK
1556 SE MAPLE AVE
PORTLAND, OR 97214

Site 2 of 6 in cluster BU

OR LUST

S108572700
N/A

Relative:
Lower

Actual:
52 ft.

LUST:

Region:	North Western Region
Facility ID:	26-07-0845
Cleanup Received Date:	06/13/2007
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**11/05/2007**
Decode for Region:	**North West Region**

BO257
NW
1/4-1/2
0.367 mi.
1937 ft.

WENTWORTH CHEVROLET
210 SE 6TH AVE
PORTLAND, OR 97214

Site 2 of 2 in cluster BO

OR LUST
OR UST

U004155737
N/A

Relative:
Lower

Actual:
63 ft.

LUST:

Region:	North Western Region
Facility ID:	26-91-0192
Cleanup Received Date:	05/20/1991
Cleanup Start Date:	05/20/1991
Cleanup Complete Date:	**08/30/2000**
Decode for Region:	**North West Region**

UST:

Facility ID:	2061
Facility Telephone:	(503) 232-2000
Permittee Name:	GREG WENTWORTH, GENERAL MANAGER
Number of Permitted Tanks:	Not reported
Active Tanks:	Not reported
Decommissioned Tanks:	6
Number of Tanks:	6

258
SE
1/4-1/2
0.369 mi.
1946 ft.

HEATING OIL TANK
1727 SE MADISON STREET
PORTLAND, OR 97214

OR LUST

S104658013
N/A

Relative:
Higher

Actual:
87 ft.

LUST:

Region:	North Western Region
Facility ID:	26-00-0493
Cleanup Received Date:	04/10/2000
Cleanup Start Date:	04/10/2000
Cleanup Complete Date:	**05/31/2000**
Decode for Region:	**North West Region**

259
NNW
1/4-1/2
0.371 mi.
1960 ft.

HEATING OIL TANK — **OR LUST** — **S100921472**
109 SE 8TH OR 734 SE ANKENY — **N/A**
PORTLAND, OR 97023

Relative:
Higher

Actual:
76 ft.

LUST:

Region:	North Western Region
Facility ID:	26-94-6010
Cleanup Received Date:	03/01/1994
Cleanup Start Date:	03/01/1994
Cleanup Complete Date:	**04/13/1995**
Decode for Region:	**North West Region**

BP260
East
1/4-1/2
0.372 mi.
1965 ft.

HEATING OIL TANK — **OR LUST** — **S107135321**
1916 SE ALDER ST — **N/A**
PORTLAND, OR 97214

Site 2 of 2 in cluster BP

Relative:
Higher

Actual:
124 ft.

LUST:

Region:	North Western Region
Facility ID:	26-05-1154
Cleanup Received Date:	06/02/2005
Cleanup Start Date:	06/03/2005
Cleanup Complete Date:	**11/09/2005**
Decode for Region:	**North West Region**

BU261
SSE
1/4-1/2
0.373 mi.
1971 ft.

HEATING OIL TANK — **OR LUST** — **S106475318**
1544 SE HAWTHORNE BLVD — **N/A**
PORTLAND, OR 97214

Site 3 of 6 in cluster BU

Relative:
Lower

Actual:
64 ft.

LUST:

Region:	North Western Region
Facility ID:	26-04-0269
Cleanup Received Date:	03/01/2004
Cleanup Start Date:	03/01/2004
Cleanup Complete Date:	**04/08/2004**
Decode for Region:	**North West Region**

BM262
North
1/4-1/2
0.376 mi.
1986 ft.

HEATING OIL TANK — **OR LUST** — **S112059274**
1250 E BURNSIDE ST — **N/A**
PORTLAND, OR 97214

Site 3 of 3 in cluster BM

Relative:
Higher

Actual:
114 ft.

LUST:

Region:	North Western Region
Facility ID:	26-12-0538
Cleanup Received Date:	05/21/2012
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**07/25/2012**
Decode for Region:	**North West Region**

BS263 **RTC** **OR LUST** **S100500668**
SW **601 SE HAWTHORNE** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.378 mi.
1996 ft. **Site 2 of 2 in cluster BS**

Relative: **Lower**
Actual: **60 ft.**

LUST:

Region:	North Western Region
Facility ID:	26-92-0325
Cleanup Received Date:	11/18/1992
Cleanup Start Date:	11/18/1992
Cleanup Complete Date:	**08/28/1996**
Decode for Region:	**North West Region**

BX264 **HEATING OIL TANK** **OR LUST** **S109052147**
SSE **1638 SE LADD AVE** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.379 mi.
2000 ft. **Site 1 of 3 in cluster BX**

Relative: **Lower**
Actual: **50 ft.**

LUST:

Region:	North Western Region
Facility ID:	26-08-0300
Cleanup Received Date:	03/21/2008
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**04/17/2008**
Decode for Region:	**North West Region**

BT265 **HEATING OIL TANK** **OR LUST** **S109494079**
SE **1808 SE MAIN ST** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.379 mi.
2003 ft. **Site 2 of 2 in cluster BT**

Relative: **Higher**
Actual: **96 ft.**

LUST:

Region:	North Western Region
Facility ID:	26-08-1374
Cleanup Received Date:	10/22/2008
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**01/27/2009**
Decode for Region:	**North West Region**

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266 **HEATING OIL TANK** **OR LUST** **S112059251**
ENE **534 SE 19TH AVE** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.380 mi.
2008 ft.

Relative: **Higher**
Actual: **131 ft.**

LUST:

Region:	North Western Region
Facility ID:	26-12-0512
Cleanup Received Date:	05/14/2012
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**07/16/2012**
Decode for Region:	**North West Region**

267
NNE
1/4-1/2
0.381 mi.
2012 ft.

HEATING OIL TANK
1516 SE ANKENY ST
PORTLAND, OR 97214

OR LUST

S104907980
N/A

Relative:
Higher

Actual:
123 ft.

LUST:
Region: North Western Region
Facility ID: 26-01-5241
Cleanup Received Date: 02/12/2001
Cleanup Start Date: 02/12/2001
Cleanup Complete Date: 05/02/2001
Decode for Region: North West Region

BU268
SSE
1/4-1/2
0.382 mi.
2016 ft.

HEATING OIL TANK
1509 SE HOLLY ST
PORTLAND, OR 97214

Site 4 of 6 in cluster BU

OR LUST

S104907922
N/A

Relative:
Lower

Actual:
53 ft.

LUST:
Region: North Western Region
Facility ID: 26-01-5153
Cleanup Received Date: 01/29/2001
Cleanup Start Date: 01/28/2001
Cleanup Complete Date: 03/22/2001
Decode for Region: North West Region

BY269
WNW
1/4-1/2
0.383 mi.
2022 ft.

AMATO BROTHERS ENTERPRISES INC
515 SE MARTIN LUTHER KING
PORTLAND, OR 97214

Site 1 of 2 in cluster BY

OR LUST

S110638894
N/A

Relative:
Lower

Actual:
40 ft.

LUST:
Region: North Western Region
Facility ID: 26-01-0006
Cleanup Received Date: 01/25/2001
Cleanup Start Date: 01/25/2001
Cleanup Complete Date: 05/11/2001
Decode for Region: North West Region

270
South
1/4-1/2
0.384 mi.
2026 ft.

HEATING OIL TANK
1632 SE 11TH
PORTLAND, OR 97023

OR LUST

S102304307
N/A

Relative:
Lower

Actual:
47 ft.

LUST:
Region: North Western Region
Facility ID: 26-91-0424
Cleanup Received Date: 10/18/1991
Cleanup Start Date: 10/18/1991
Cleanup Complete Date: 11/26/2004
Decode for Region: North West Region

BZ271 **HEATING OIL TANK** **OR LUST** **S119015295**
North **10 SE 10TH AVE** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.384 mi.
2027 ft. **Site 1 of 5 in cluster BZ**

Relative: LUST:
Higher
Actual: Region: North Western Region
93 ft. Facility ID: 26-10-1018
Cleanup Received Date: 10/06/2010
Cleanup Start Date: Not reported
Cleanup Complete Date: 09/19/2011
Decode for Region: North West Region

BU272 **HEATING OIL TANK** **OR LUST** **S108246963**
SSE **1517 SE HOLLY ST** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.386 mi.
2039 ft. **Site 5 of 6 in cluster BU**

Relative: LUST:
Lower
Actual: Region: North Western Region
54 ft. Facility ID: 26-06-1497
Cleanup Received Date: 08/16/2006
Cleanup Start Date: 08/17/2006
Cleanup Complete Date: 04/16/2007
Decode for Region: North West Region

BX273 **HEATING OIL TANK** **OR LUST** **S108572940**
SSE **1644 SE LADD AVE** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.387 mi.
2044 ft. **Site 2 of 3 in cluster BX**

Relative: LUST:
Lower
Actual: Region: North Western Region
50 ft. Facility ID: 26-07-0894
Cleanup Received Date: 06/20/2007
Cleanup Start Date: Not reported
Cleanup Complete Date: 10/08/2007
Decode for Region: North West Region

CA274 **HEATING OIL TANK** **OR LUST** **S117565747**
East **1980 SE MORRISON ST** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.388 mi.
2051 ft. **Site 1 of 2 in cluster CA**

Relative: LUST:
Higher
Actual: Region: North Western Region
124 ft. Facility ID: 26-14-1676
Cleanup Received Date: 12/15/2014
Cleanup Start Date: Not reported
Cleanup Complete Date: 02/03/2015
Decode for Region: North West Region

BZ275 **HEATING OIL TANK** **OR LUST** **S110639023**
North **1040 E BURNSIDE ST** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.389 mi.
2053 ft. **Site 2 of 5 in cluster BZ**

Relative:
Higher

Actual:
101 ft.

LUST:

Region:	North Western Region
Facility ID:	26-10-0894
Cleanup Received Date:	08/31/2010
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**11/15/2010**
Decode for Region:	**North West Region**

BZ276 **HIPPO HARDWARE AND TRADING CO.** **WA SWRCY** **S111415858**
North **1040 E. BURNSIDE ST** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.389 mi.
2053 ft. **Site 3 of 5 in cluster BZ**

Relative:
Higher

Actual:
101 ft.

SWRCY:

Facility ID:	360
Service:	Hippo Hardware and Trading Co.
Phone:	503-231-1444
Extension:	Not reported
Website:	http://www.hippohardware.com
Email:	Not reported
Material Category:	Metals
Material Accepted:	Porcelain-coated castiron
Contact Name:	Not reported
Residential:	Yes
Commercial:	Yes
Service Type:	Dropoff and buy-back sites
Light Recycle Participant:	No
Hours:	Mon-Thur 10am - 5pm; Fri & Sat 10am - 6pm; Sun 12pm - 5pm
Comments:	Specializes in hardware, lighting, plumbing, and architecture from the 1850s-1960s. Buy, sell, or trade doors & unusual windows, molding & trim, flooring (if it can be re-nailed) & beaded ceilings, wainscoting. Fancy door knobs & back plates, cabinet knobs, window lifts & pulls, door & window locks. All types and styles of light fixtures, up to and including 1960s vintage. Bathtubs, pedestal sinks, bathroom sinks and valves. Salvage and pickup services available.

Facility ID:	360
Service:	Hippo Hardware and Trading Co.
Phone:	503-231-1444
Extension:	Not reported
Website:	http://www.hippohardware.com
Email:	Not reported
Material Category:	Building Materials
Material Accepted:	Porcelain, pure
Contact Name:	Not reported
Residential:	Yes
Commercial:	Yes
Service Type:	Dropoff and buy-back sites
Light Recycle Participant:	No
Hours:	Mon-Thur 10am - 5pm; Fri & Sat 10am - 6pm; Sun 12pm - 5pm
Comments:	Specializes in hardware, lighting, plumbing, and architecture from the 1850s-1960s. Buy, sell, or trade doors & unusual windows, molding & trim, flooring (if it can be re-nailed) & beaded ceilings,

HIPPO HARDWARE AND TRADING CO. (Continued) **S111415858**

wainscoting. Fancy door knobs & back plates, cabinet knobs, window lifts & pulls, door & window locks. All types and styles of light fixtures, up to and including 1960s vintage. Bathtubs, pedestal sinks, bathroom sinks and valves. Salvage and pickup services available.

Facility ID:	360
Service:	Hippo Hardware and Trading Co.
Phone:	503-231-1444
Extension:	Not reported
Website:	http://www.hippohardware.com
Email:	Not reported
Material Category:	Building Materials
Material Accepted:	Framed windows
Contact Name:	Not reported
Residential:	Yes
Commercial:	Yes
Service Type:	Dropoff and buy-back sites
Light Recycle Participant:	No
Hours:	Mon-Thur 10am - 5pm; Fri & Sat 10am - 6pm; Sun 12pm - 5pm
Comments:	Specializes in hardware, lighting, plumbing, and architecture from the 1850s-1960s. Buy, sell, or trade doors & unusual windows, molding & trim, flooring (if it can be re-nailed) & beaded ceilings, wainscoting. Fancy door knobs & back plates, cabinet knobs, window lifts & pulls, door & window locks. All types and styles of light fixtures, up to and including 1960s vintage. Bathtubs, pedestal sinks, bathroom sinks and valves. Salvage and pickup services available.

Facility ID:	360
Service:	Hippo Hardware and Trading Co.
Phone:	503-231-1444
Extension:	Not reported
Website:	http://www.hippohardware.com
Email:	Not reported
Material Category:	Building Materials
Material Accepted:	Clean lumber
Contact Name:	Not reported
Residential:	Yes
Commercial:	Yes
Service Type:	Dropoff and buy-back sites
Light Recycle Participant:	No
Hours:	Mon-Thur 10am - 5pm; Fri & Sat 10am - 6pm; Sun 12pm - 5pm
Comments:	Specializes in hardware, lighting, plumbing, and architecture from the 1850s-1960s. Buy, sell, or trade doors & unusual windows, molding & trim, flooring (if it can be re-nailed) & beaded ceilings, wainscoting. Fancy door knobs & back plates, cabinet knobs, window lifts & pulls, door & window locks. All types and styles of light fixtures, up to and including 1960s vintage. Bathtubs, pedestal sinks, bathroom sinks and valves. Salvage and pickup services available.

Facility ID:	360
Service:	Hippo Hardware and Trading Co.
Phone:	503-231-1444
Extension:	Not reported
Website:	http://www.hippohardware.com
Email:	Not reported
Material Category:	Building Materials
Material Accepted:	Clean lumber

HIPPO HARDWARE AND TRADING CO. (Continued) **S111415858**

Contact Name:	Not reported
Residential:	Yes
Commercial:	Yes
Service Type:	Pickup (may require commercial quantities, fee may be charged)
Light Recycle Participant:	No
Hours:	Mon-Thur, 10am - 5pm, Fri & Sat, 10am - 6pm, Sun Noon to 5pm
Comments:	Doors & unusual windows, molding & trim, flooring (if it can be re-nailed) & beaded ceilings, wainscoting. Fancy door knobs & back plates, cabinet knobs, window lifts & pulls, door & window locks. All types and styles of light fixtures, up to and including 1960s vintage. Bathtubs, pedestal sinks, bathroom sinks and valves. Salvage and pick-up services available.

Facility ID:	360
Service:	Hippo Hardware and Trading Co.
Phone:	503-231-1444
Extension:	Not reported
Website:	http://www.hippohardware.com
Email:	Not reported
Material Category:	Building Materials
Material Accepted:	Framed windows
Contact Name:	Not reported
Residential:	Yes
Commercial:	Yes
Service Type:	Pickup (may require commercial quantities, fee may be charged)
Light Recycle Participant:	No
Hours:	Mon-Thur, 10am - 5pm, Fri & Sat, 10am - 6pm, Sun Noon to 5pm
Comments:	Doors & unusual windows, molding & trim, flooring (if it can be re-nailed) & beaded ceilings, wainscoting. Fancy door knobs & back plates, cabinet knobs, window lifts & pulls, door & window locks. All types and styles of light fixtures, up to and including 1960s vintage. Bathtubs, pedestal sinks, bathroom sinks and valves. Salvage and pick-up services available.

Facility ID:	360
Service:	Hippo Hardware and Trading Co.
Phone:	503-231-1444
Extension:	Not reported
Website:	http://www.hippohardware.com
Email:	Not reported
Material Category:	Building Materials
Material Accepted:	Porcelain, pure
Contact Name:	Not reported
Residential:	Yes
Commercial:	Yes
Service Type:	Pickup (may require commercial quantities, fee may be charged)
Light Recycle Participant:	No
Hours:	Mon-Thur, 10am - 5pm, Fri & Sat, 10am - 6pm, Sun Noon to 5pm
Comments:	Doors & unusual windows, molding & trim, flooring (if it can be re-nailed) & beaded ceilings, wainscoting. Fancy door knobs & back plates, cabinet knobs, window lifts & pulls, door & window locks. All types and styles of light fixtures, up to and including 1960s vintage. Bathtubs, pedestal sinks, bathroom sinks and valves. Salvage and pick-up services available.

Facility ID:	360
Service:	Hippo Hardware and Trading Co.

HIPPO HARDWARE AND TRADING CO. (Continued) **S111415858**

Phone:	503-231-1444
Extension:	Not reported
Website:	http://www.hippohardware.com
Email:	Not reported
Material Category:	Metals
Material Accepted:	Porcelain-coated castiron
Contact Name:	Not reported
Residential:	Yes
Commercial:	Yes
Service Type:	Pickup (may require commercial quantities, fee may be charged)
Light Recycle Participant:	No
Hours:	Mon-Thur, 10am - 5pm, Fri & Sat, 10am - 6pm, Sun Noon to 5pm
Comments:	Doors & unusual windows, molding & trim, flooring (if it can be re-nailed) & beaded ceilings, wainscoting. Fancy door knobs & back plates, cabinet knobs, window lifts & pulls, door & window locks. All types and styles of light fixtures, up to and including 1960s vintage. Bathtubs, pedestal sinks, bathroom sinks and valves. Salvage and pick-up services available.

Facility ID:	360
Service:	Hippo Hardware and Trading Co.
Phone:	503-231-1444
Extension:	Not reported
Website:	http://www.hippohardware.com
Email:	Not reported
Material Category:	Building Materials
Material Accepted:	Clean lumber
Contact Name:	Not reported
Residential:	No
Commercial:	Yes
Service Type:	Pickup (may require commercial quantities, fee may be charged)
Light Recycle Participant:	No
Hours:	Mon-Thur, 10am - 5pm, Fri & Sat, 10am - 6pm, Sun Noon to 5pm
Comments:	Doors & unusual windows, molding & trim, flooring (if it can be re-nailed) & beaded ceilings, wainscoting. Fancy door knobs & back plates, cabinet knobs, window lifts & pulls, door & window locks. All types and styles of light fixtures, up to and including 1960s vintage. Bathtubs, pedestal sinks, bathroom sinks and valves. Salvage and pick-up services available.

Facility ID:	360
Service:	Hippo Hardware and Trading Co.
Phone:	503-231-1444
Extension:	Not reported
Website:	http://www.hippohardware.com
Email:	Not reported
Material Category:	Building Materials
Material Accepted:	Framed windows
Contact Name:	Not reported
Residential:	No
Commercial:	Yes
Service Type:	Pickup (may require commercial quantities, fee may be charged)
Light Recycle Participant:	No
Hours:	Mon-Thur, 10am - 5pm, Fri & Sat, 10am - 6pm, Sun Noon to 5pm
Comments:	Doors & unusual windows, molding & trim, flooring (if it can be re-nailed) & beaded ceilings, wainscoting. Fancy door knobs & back plates, cabinet knobs, window lifts & pulls, door & window locks. All

HIPPO HARDWARE AND TRADING CO. (Continued) **S111415858**

types and styles of light fixtures, up to and including 1960s vintage. Bathtubs, pedestal sinks, bathroom sinks and valves. Salvage and pick-up services available.

Facility ID:	360
Service:	Hippo Hardware and Trading Co.
Phone:	503-231-1444
Extension:	Not reported
Website:	http://www.hippohardware.com
Email:	Not reported
Material Category:	Building Materials
Material Accepted:	Porcelain, pure
Contact Name:	Not reported
Residential:	No
Commercial:	Yes
Service Type:	Pickup (may require commercial quantities, fee may be charged)
Light Recycle Participant:	No
Hours:	Mon-Thur, 10am - 5pm, Fri & Sat, 10am - 6pm, Sun Noon to 5pm
Comments:	Doors & unusual windows, molding & trim, flooring (if it can be re-nailed) & beaded ceilings, wainscoting. Fancy door knobs & back plates, cabinet knobs, window lifts & pulls, door & window locks. All types and styles of light fixtures, up to and including 1960s vintage. Bathtubs, pedestal sinks, bathroom sinks and valves. Salvage and pick-up services available.

Facility ID:	360
Service:	Hippo Hardware and Trading Co.
Phone:	503-231-1444
Extension:	Not reported
Website:	http://www.hippohardware.com
Email:	Not reported
Material Category:	Metals
Material Accepted:	Porcelain-coated castiron
Contact Name:	Not reported
Residential:	No
Commercial:	Yes
Service Type:	Pickup (may require commercial quantities, fee may be charged)
Light Recycle Participant:	No
Hours:	Mon-Thur, 10am - 5pm, Fri & Sat, 10am - 6pm, Sun Noon to 5pm
Comments:	Doors & unusual windows, molding & trim, flooring (if it can be re-nailed) & beaded ceilings, wainscoting. Fancy door knobs & back plates, cabinet knobs, window lifts & pulls, door & window locks. All types and styles of light fixtures, up to and including 1960s vintage. Bathtubs, pedestal sinks, bathroom sinks and valves. Salvage and pick-up services available.

BZ277 **HEATING OIL TANK** **OR LUST** **S110639068**
North **1000 E BURNSIDE ST** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.390 mi.
2061 ft. **Site 4 of 5 in cluster BZ**

Relative: **Higher**
Actual: **94 ft.**

LUST:

Region:	North Western Region
Facility ID:	26-10-0967
Cleanup Received Date:	09/24/2010
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**Not reported**

HEATING OIL TANK (Continued) **S110639068**

Decode for Region: **North West Region**

CB278
NE
1/4-1/2
0.391 mi.
2065 ft.

HEATING OIL TANK
1706 SE ASH STREET
PORTLAND, OR 97214

Site 1 of 5 in cluster CB

OR LUST **S105981562**
N/A

Relative:
Higher

Actual:
127 ft.

LUST:

Region:	North Western Region
Facility ID:	26-03-1782
Cleanup Received Date:	08/26/2003
Cleanup Start Date:	08/26/2003
Cleanup Complete Date:	**12/16/2003**
Decode for Region:	**North West Region**

CC279
NW
1/4-1/2
0.391 mi.
2066 ft.

GOFORTH, P HOT
538 SE ASH
PORTLAND, OR 97214

Site 1 of 2 in cluster CC

OR LUST
FINDS **1006863951**
N/A

Relative:
Lower

Actual:
63 ft.

LUST:

Region:	North Western Region
Facility ID:	26-90-0427
Cleanup Received Date:	11/09/1990
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**Not reported**
Decode for Region:	**North West Region**

FINDS:

Registry ID: 110014267532

Environmental Interest/Information System

OR-DEQ (Oregon - Department Of Environmental Quality) is a regulatory agency whose job is to protect the quality of Oregon's Environment. DEQ uses a combination of technical assistance, inspections and permitting to help public and private facilities and citizens understand and comply with state and federal environmental regulations.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

CD280 **HEATING OIL TANK** **OR LUST** **S104304441**
East **1936 SE ALDER** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.392 mi.
2068 ft. **Site 1 of 2 in cluster CD**

Relative: **Higher**
Actual: **127 ft.**

LUST:

Region:	North Western Region
Facility ID:	26-00-0184
Cleanup Received Date:	02/10/2000
Cleanup Start Date:	02/11/2000
Cleanup Complete Date:	**03/20/2000**
Decode for Region:	**North West Region**

BU281 **HEATING OIL TANK** **OR LUST** **S106856819**
SSE **1543 SE HOLLY ST** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.396 mi.
2089 ft. **Site 6 of 6 in cluster BU**

Relative: **Lower**
Actual: **57 ft.**

LUST:

Region:	North Western Region
Facility ID:	26-05-0382
Cleanup Received Date:	03/02/2005
Cleanup Start Date:	03/07/2005
Cleanup Complete Date:	**04/28/2010**
Decode for Region:	**North West Region**

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282 **A-N-T TIRE & WHEEL** **OR LUST** **U000432654**
WNW **437 SE UNION AVE** **OR UST** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.398 mi.
2101 ft.

Relative: **Lower**
Actual: **42 ft.**

LUST:

Region:	North Western Region
Facility ID:	26-89-0211
Cleanup Received Date:	09/29/1989
Cleanup Start Date:	02/05/1996
Cleanup Complete Date:	**06/20/1996**
Decode for Region:	**North West Region**

UST:

Facility ID:	8047
Facility Telephone:	(503) 236-2106
Permittee Name:	FRED ANKENY, MANAGER
Number of Permitted Tanks:	Not reported
Active Tanks:	Not reported
Decommissioned Tanks:	1
Number of Tanks:	1

CE283 **HEATING OIL TANK** **OR LUST** **S120414340**
NNW **910 E BURNSIDE ST** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.398 mi.
2103 ft. **Site 1 of 3 in cluster CE**

Relative:
Higher

Actual:
88 ft.

LUST:

Region:	North Western Region
Facility ID:	26-16-1645
Cleanup Received Date:	12/21/2016
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**03/31/2017**
Decode for Region:	**North West Region**

CF284 **TRASHCO INC.** **OR LUST** **S104069616**
SSW **1630 SE 8TH AVE** **OR SPILLS** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.400 mi.
2113 ft. **Site 1 of 2 in cluster CF**

Relative:
Lower

Actual:
52 ft.

LUST:

Region:	North Western Region
Facility ID:	26-12-0910
Cleanup Received Date:	08/02/2012
Cleanup Start Date:	07/17/2012
Cleanup Complete Date:	**04/13/2017**
Decode for Region:	**North West Region**

Region:	North Western Region
Facility ID:	26-90-0186
Cleanup Received Date:	05/22/1990
Cleanup Start Date:	05/22/1990
Cleanup Complete Date:	**03/12/1992**
Decode for Region:	**North West Region**

OR SPILLS:

Facility ID:	1999-0079
Incident Status:	Archive
Material:	Diesel fuel
Quantity:	20
Unit of Measure:	Gallons
Release Date:	01/13/1999
Description:	Spilled 20 plus gal diesel while siphoning washed it to storm drain-also cleaned out wasre oil catch pan (spillage pan?) at some time.
Lat/Long:	45.5113 / -122.6576
Source:	Other
Media:	Not reported
Responsible Company:	Trashco Services, Inc.
Responsible Address:	PO Box 14788
Responsible City,St,Zip:	Portland, OR 97293-0788

CG285 **HEATING OIL TANK** **OR LUST** **S108060241**
NE **1810 SE PINE ST** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.400 mi.
2113 ft. **Site 1 of 3 in cluster CG**

Relative: **Higher**
Actual: **124 ft.**

LUST:

Region:	North Western Region
Facility ID:	26-06-0893
Cleanup Received Date:	05/17/2006
Cleanup Start Date:	05/18/2006
Cleanup Complete Date:	**10/05/2006**
Decode for Region:	**North West Region**

CC286 **HEATING OIL TANK** **OR LUST** **S104658171**
NW **237 SE MLK JR. BLVD** **N/A**
1/4-1/2 **PORTLAND, OR 97211**
0.402 mi.
2122 ft. **Site 2 of 2 in cluster CC**

Relative: **Lower**
Actual: **56 ft.**

LUST:

Region:	North Western Region
Facility ID:	26-00-0702
Cleanup Received Date:	05/09/2000
Cleanup Start Date:	05/05/2000
Cleanup Complete Date:	**06/13/2000**
Decode for Region:	**North West Region**

BY287 **HEATING OIL TANK** **OR LUST** **S106776796**
WNW **437 SE MLK JR BLVD** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.402 mi.
2124 ft. **Site 2 of 2 in cluster BY**

Relative: **Lower**
Actual: **41 ft.**

LUST:

Region:	North Western Region
Facility ID:	26-04-1201
Cleanup Received Date:	06/25/2004
Cleanup Start Date:	06/25/2004
Cleanup Complete Date:	**01/13/2005**
Decode for Region:	**North West Region**

CF288 **HEATING OIL TANK** **OR LUST** **S113907072**
SSW **700 SE CLAY ST** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.406 mi.
2142 ft. **Site 2 of 2 in cluster CF**

Relative: **Lower**
Actual: **57 ft.**

LUST:

Region:	North Western Region
Facility ID:	26-13-0606
Cleanup Received Date:	05/15/2013
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**05/28/2013**
Decode for Region:	**North West Region**

CA289 **BATTERY X-CHANGE** **OR LUST** **U004015142**
East **2003 SE BELMONT** **OR UST** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.409 mi.
2159 ft. **Site 2 of 2 in cluster CA**

Relative:
Higher

Actual:
113 ft.

LUST:

Region:	North Western Region
Facility ID:	26-89-0253
Cleanup Received Date:	11/08/1989
Cleanup Start Date:	11/08/1989
Cleanup Complete Date:	**03/07/1990**
Decode for Region:	**North West Region**

UST:

Facility ID:	10170
Facility Telephone:	(503)232-6584
Permittee Name:	LARRY WESTON, MANAGER
Number of Permitted Tanks:	Not reported
Active Tanks:	Not reported
Decommissioned Tanks:	4
Number of Tanks:	4

CE290 **HEATING OIL TANK** **OR LUST** **S101950839**
NNW **800 E BURNSIDE ST** **OR CDL** **N/A**
1/4-1/2 **PORTLAND, OR 97214** **OR HAZMAT**
0.409 mi.
2160 ft. **Site 2 of 3 in cluster CE**

Relative:
Higher

Actual:
83 ft.

LUST:

Region:	North Western Region
Facility ID:	26-05-0501
Cleanup Received Date:	03/18/2005
Cleanup Start Date:	03/21/2005
Cleanup Complete Date:	**06/08/2005**
Decode for Region:	**North West Region**

OR CDL2:

Region:	2
Facility Id:	890385
Incident Number:	890385
Report Date:	Not reported
Dist Id Number:	0291
Resp Id Number:	0291
Unit:	Not reported
Cause:	11
Area Type:	1
Scene Type:	4
Agency Id:	89-44155
OERS Num:	Not reported
Incident Date:	10/07/1989
Remarks:	Not reported

HAZMAT:

Responsble Party:	FRIENDSHIP INN
RP Company:	FRIENDSHIP INN
RP Address:	8001 E BURNSIDE
RP City,St,Zip:	PORTLAND 97214

HEATING OIL TANK (Continued) **S101950839**

Facility ID:	890385
OERS Number:	Not reported
Dept Rsp:	PORTLAND BUREAU OF F&R&EMS
Narrative:	Not reported
Property Loss:	Not reported
Amount Released:	Not reported
Service County:	Not reported
Service Name:	Not reported
Incident Type:	Not reported
Civilian Casualty Activity:	Not reported
Chemical Name:	Not reported
Hazmat Area Affected:	Not reported
Hazmat Area Evacuated:	Not reported
Hazmat Container Type:	Not reported
Hazmat Physical State Released:	Not reported
Hazmat Released Into:	Not reported
Hazmat Released Volume Units:	Not reported
Hazmat Released Weight Units:	Not reported
Hazmat Released From:	Not reported
Hazmat Area Affected Measurement:	Not reported
Hazmat No. of People Evacuated:	Not reported
Hazmat No of Buildings Evacuated:	Not reported
Incident Content Loss:	Not reported
Civilian Casualty Patient Disposition:	Not reported
Incident Mixed Use Property:	Not reported
Location Type:	Not reported
Incident Aid Given Or Received:	Not reported
Incident AID Received from FDID:	Not reported
Incident Aided Department FDID:	Not reported
Person Involved Business Name:	Not reported
Person Involved First Name:	Not reported
Person Involved Last Name:	Not reported
Person Involved Type:	Not reported
Person Involved Phone Number:	Not reported
Person Involved Primary Language:	Not reported
Hazmat Evacuated Measurement:	Not reported
Hazmat Story of Release:	Not reported
Remark:	Not reported
Incident District:	PORTLAND BUREAU OF F&R&EMS
Date Added:	01/01/1985
Unit:	Not reported
Agency Phone:	Not reported
Osfm Incident Report Number:	890385
Dept. Responding:	PORTLAND BUREAU OF F&R&EMS
Person Making Report:	Not reported
Title:	Not reported
Agency:	PORTLAND BUREAU OF F&R&EMS
Phone:	Not reported
Date Of Incident:	10/07/1989
Call Time:	12:00:00 AM
In Route:	12:00:00 AM
Arrival:	1:13:00 PM
Depart Scene:	12:00:00 AM
Back In Quarters:	12:00:00 AM
In Service:	3:05:00 PM
Dist Of Incident:	PORTLAND BUREAU OF F&R&EMS
Were State Resources Used?:	False

HEATING OIL TANK (Continued) **S101950839**

Was Oers Notified?:	False
Oers Number:	Not reported
Team Number:	Not reported
Agency Report Number:	89-44155
Unit:	Not reported
Highway:	Not reported
Mile Post:	Not reported
Scene Type:	Private Land
Area Type:	Commercial
Responsible Party(les):	FRIENDSHIP INN
Company:	FRIENDSHIP INN
Respcontact:	Not reported
Address:	8001 E BURNSIDE
Resp City:	PORTLAND
Resp State:	Not reported
Resp ZipCode:	97214
Phone:	Not reported
Resp Phone2:	Not reported
Weather:	0
Temperature:	0
Wind Speed:	0
Wind Direction:	Not reported
Were Haz Materials Released?:	False
Operation Performed:	Not reported
Cause:	Clandestine Drug Lab
Vehicle And Cargo:	0
Fixed Property:	0
Total Loss:	$0.00
Hazmat Population Density:	Not reported
HazMat Actions Taken - Description:	Not reported
Hazmat Factors Contributing To Release:	Not reported
Hazmat DOT Hazard Classification:	Not reported
Hazmat CAS Number:	Not reported
Hazardous Materials Release:	Not reported
Fire Incident Type:	Not reported
Property Use:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Hazmat Disposition:	Not reported

Chemical:

Chemical Info:	5602
Chemical Id:	35430
Incident Id:	890385
Chemical Name:	UNKNOWN CHEMICAL
UNNA:	Not reported
Amount At Risk:	0
Amount Released:	0
Amount Measured:	0
Biological:	False
Radiological:	False

Chemical Id:	35430
Chemical Name:	UNKNOWN CHEMICAL
Hazardous Ingredient:	UNKNOWN CHEMICAL
Hazardous Class 1:	9.0
Hazardous Class 2:	Not reported
Hazardous Rank:	2

HEATING OIL TANK (Continued) **S101950839**

Case Number: Not reported
UNNA Number: Not reported
EPA Pest Reg: Not reported
EHA Chem: Not reported
PSM Chem: Not reported
CAA 112R Chem: Not reported

Released:
Release Behavior Id: 8714
Incident Id: 890385
Behavior: 9

CH291
SE
1/4-1/2
0.409 mi.
2161 ft.

HEATING OIL TANK **OR LUST** **S105247327**
1831 SE MADISON ST **N/A**
PORTLAND, OR 97214

Site 1 of 2 in cluster CH

Relative:
Higher

Actual:
96 ft.

LUST:
Region: North Western Region
Facility ID: 26-02-5102
Cleanup Received Date: 01/21/2002
Cleanup Start Date: 01/21/2002
Cleanup Complete Date: 04/04/2002
Decode for Region: North West Region

CB292
NE
1/4-1/2
0.410 mi.
2167 ft.

HEATING OIL TANK **OR LUST** **S107135316**
1732 SE ASH ST **N/A**
PORTLAND, OR 97214

Site 2 of 5 in cluster CB

Relative:
Higher

Actual:
129 ft.

LUST:
Region: North Western Region
Facility ID: 26-05-1145
Cleanup Received Date: 06/01/2005
Cleanup Start Date: 06/03/2005
Cleanup Complete Date: 08/23/2005
Decode for Region: North West Region

BZ293
North
1/4-1/2
0.411 mi.
2172 ft.

HEATING OIL TANK **OR LUST** **S101210374**
1027 E BURNSIDE **N/A**
PORTLAND, OR 97214

Site 5 of 5 in cluster BZ

Relative:
Higher

Actual:
98 ft.

LUST:
Region: North Western Region
Facility ID: 26-94-0130
Cleanup Received Date: 07/15/1994
Cleanup Start Date: 06/21/1994
Cleanup Complete Date: 11/28/1994
Decode for Region: North West Region

294
ENE
1/4-1/2
0.413 mi.
2182 ft.

HEATING OIL TANK
1923 SE STARK
PORTLAND, OR 97214

OR LUST **S100500675**
N/A

Relative:
Higher

Actual:
126 ft.

LUST:

Region:	North Western Region
Facility ID:	26-92-5052
Cleanup Received Date:	03/04/1992
Cleanup Start Date:	03/04/1992
Cleanup Complete Date:	**06/30/1992**
Decode for Region:	**North West Region**

CI295
West
1/4-1/2
0.414 mi.
2186 ft.

NOR-AIR BUILDING
933 SE 3RD ST
PORTLAND, OR 97214
Site 1 of 2 in cluster CI

OR LUST **U000432717**
OR UST **N/A**

Relative:
Lower

Actual:
43 ft.

LUST:

Region:	North Western Region
Facility ID:	26-91-0097
Cleanup Received Date:	02/08/1991
Cleanup Start Date:	02/08/1991
Cleanup Complete Date:	**03/05/1992**
Decode for Region:	**North West Region**

UST:

Facility ID:	10638
Facility Telephone:	(503) 234-0251
Permittee Name:	L E HARRIS, PRES
Number of Permitted Tanks:	Not reported
Active Tanks:	Not reported
Decommissioned Tanks:	2
Number of Tanks:	2

CG296
NE
1/4-1/2
0.416 mi.
2194 ft.

HEATING OIL TANK
1836 SE PINE STREET
PORTLAND, OR 97232
Site 2 of 3 in cluster CG

OR LUST **S106475684**
N/A

Relative:
Higher

Actual:
125 ft.

LUST:

Region:	North Western Region
Facility ID:	26-04-0800
Cleanup Received Date:	05/06/2004
Cleanup Start Date:	05/10/2004
Cleanup Complete Date:	**Not reported**
Decode for Region:	**North West Region**

CB297 **HEATING OIL TANK** **OR LUST** **S101385050**
NE **1715 SE ASH** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.416 mi.
2196 ft. **Site 3 of 5 in cluster CB**

Relative: **Higher**
Actual: **129 ft.**

LUST:

Region:	North Western Region
Facility ID:	26-94-0212
Cleanup Received Date:	11/15/1994
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**06/13/2016**
Decode for Region:	**North West Region**

CD298 **HEATING OIL TANK** **OR LUST** **S121972080**
ENE **630 SE 20TH AVE** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.417 mi.
2203 ft. **Site 2 of 2 in cluster CD**

Relative: **Higher**
Actual: **134 ft.**

LUST:

Region:	North Western Region
Facility ID:	26-16-0386
Cleanup Received Date:	03/30/2016
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**08/11/2016**
Decode for Region:	**North West Region**

CJ299 **HEATING OIL TANK** **OR LUST** **S109843338**
SE **1615 SE HOLLY** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.420 mi.
2217 ft. **Site 1 of 6 in cluster CJ**

Relative: **Lower**
Actual: **64 ft.**

LUST:

Region:	North Western Region
Facility ID:	26-09-0268
Cleanup Received Date:	04/03/2009
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**10/02/2009**
Decode for Region:	**North West Region**

CK300 **HEATING OIL TANK** **OR LUST** **S118452414**
SSE **1615 SE MAPLE AVE** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.421 mi.
2221 ft. **Site 1 of 2 in cluster CK**

Relative: **Lower**
Actual: **52 ft.**

LUST:

Region:	North Western Region
Facility ID:	26-15-1641
Cleanup Received Date:	11/24/2015
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**11/22/2016**
Decode for Region:	**North West Region**

BX301 **HEATING OIL TANK** **OR LUST** **S104304434**
SSE **1719 SE LADD AVE** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.422 mi.
2229 ft. **Site 3 of 3 in cluster BX**

Relative: LUST:
Lower
Actual: Region: North Western Region
51 ft. Facility ID: 26-99-1294
Cleanup Received Date: 11/17/1999
Cleanup Start Date: 11/15/1999
Cleanup Complete Date: 05/23/2000
Decode for Region: North West Region

CB302 **HEATING OIL TANK** **OR LUST** **S106777233**
NE **114 SE 17TH AVE** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.423 mi.
2236 ft. **Site 4 of 5 in cluster CB**

Relative: LUST:
Higher
Actual: Region: North Western Region
130 ft. Facility ID: 26-04-1782
Cleanup Received Date: 09/03/2004
Cleanup Start Date: 09/08/2004
Cleanup Complete Date: 12/16/2004
Decode for Region: North West Region

CG303 **HEATING OIL TANK** **OR LUST** **S117365565**
NE **1846 SE PINE ST** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.424 mi.
2237 ft. **Site 3 of 3 in cluster CG**

Relative: LUST:
Higher
Actual: Region: North Western Region
125 ft. Facility ID: 26-14-1340
Cleanup Received Date: 09/29/2014
Cleanup Start Date: Not reported
Cleanup Complete Date: 11/19/2014
Decode for Region: North West Region

CB304 **HEATING OIL TANK** **OR LUST** **S119015366**
NE **1725 SE ASH ST** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.425 mi.
2245 ft. **Site 5 of 5 in cluster CB**

Relative: LUST:
Higher
Actual: Region: North Western Region
130 ft. Facility ID: 26-16-0965
Cleanup Received Date: 07/28/2016
Cleanup Start Date: Not reported
Cleanup Complete Date: 08/15/2016
Decode for Region: North West Region

CJ305 **HEATING OIL TANK** **OR LUST** **S108572540**
SE **1625 SE HOLLY ST** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.425 mi.
2245 ft. **Site 2 of 6 in cluster CJ**

Relative: LUST:
Lower
Actual: Region: North Western Region
66 ft. Facility ID: 26-07-0575
Cleanup Received Date: 04/27/2007
Cleanup Start Date: Not reported
Cleanup Complete Date: 09/12/2007
Decode for Region: North West Region

CI306 **HEATING OIL TANK** **OR LUST** **S102417477**
West **202 SE YAMHILL** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.429 mi.
2264 ft. **Site 2 of 2 in cluster CI**

Relative: LUST:
Lower
Actual: Region: North Western Region
43 ft. Facility ID: 26-96-0255
Cleanup Received Date: 04/24/1996
Cleanup Start Date: 04/24/1996
Cleanup Complete Date: 05/29/1996
Decode for Region: North West Region

CL307 **HEATING OIL TANK** **OR LUST** **S102959519**
SSE **1727 SE LADD AVENUE** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.429 mi.
2264 ft. **Site 1 of 2 in cluster CL**

Relative: LUST:
Lower
Actual: Region: North Western Region
50 ft. Facility ID: 26-98-0076
Cleanup Received Date: 02/04/1998
Cleanup Start Date: Not reported
Cleanup Complete Date: Not reported
Decode for Region: North West Region

CH308 **HEATING OIL TANK** **OR LUST** **S105856476**
SE **1834 SE MADISON AVENUE** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.430 mi.
2269 ft. **Site 2 of 2 in cluster CH**

Relative: LUST:
Higher
Actual: Region: North Western Region
96 ft. Facility ID: 26-03-0489
Cleanup Received Date: 03/17/2003
Cleanup Start Date: 03/18/2003
Cleanup Complete Date: 07/10/2003
Decode for Region: North West Region

CE309 **HEATING OIL TANK** **OR LUST** **S111210682**
NNW **835 E BURNSIDE ST** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.430 mi.
2271 ft. **Site 3 of 3 in cluster CE**

Relative: **Higher**
Actual: **85 ft.**

LUST:

Region:	North Western Region
Facility ID:	26-11-0559
Cleanup Received Date:	06/06/2011
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**06/28/2011**
Decode for Region:	**North West Region**

CM310 **HEATING OIL TANK** **OR LUST** **S103416121**
South **1737 SE 12TH AVE** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.433 mi.
2286 ft. **Site 1 of 3 in cluster CM**

Relative: **Lower**
Actual: **47 ft.**

LUST:

Region:	North Western Region
Facility ID:	26-01-5803
Cleanup Received Date:	05/01/2001
Cleanup Start Date:	04/26/2001
Cleanup Complete Date:	**08/23/2001**
Decode for Region:	**North West Region**

CN311 **FREE GEEK** **WA SWRCY** **S111415785**
South **1731 SE 10TH AVENUE** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.434 mi.
2289 ft. **Site 1 of 2 in cluster CN**

Relative: **Lower**
Actual: **49 ft.**

SWRCY:

Facility ID:	81718
Service:	Free Geek Community Technology Center
Phone:	503-232-9350
Extension:	Not reported
Website:	http://www.freegeek.org/
Email:	Available form on website
Material Category:	Electronics
Material Accepted:	Computers & Laptops
Contact Name:	Not reported
Residential:	Yes
Commercial:	Yes
Service Type:	Dropoff and buy-back sites
Light Recycle Participant:	No
Hours:	Tue-Sat 10am-6pm
Comments:	FREE GEEK accepts computers and computer related hardware in any condition. If you will be bringing in pallet loads of equipment, please call ahead and set up an appointment. Also accepts scanners, mice, external modems, telephones, CDs, cables, DAT tapes, DVD players, IPODs, PDA's, video game equipment, cameras, and routers.
Facility ID:	81718
Service:	Free Geek Community Technology Center
Phone:	503-232-9350

FREE GEEK (Continued) **S111415785**

Extension:	Not reported
Website:	http://www.freegeek.org/
Email:	Available form on website
Material Category:	Electronics
Material Accepted:	Fax machines
Contact Name:	Not reported
Residential:	Yes
Commercial:	Yes
Service Type:	Dropoff and buy-back sites
Light Recycle Participant:	No
Hours:	Tue-Sat 10am-6pm
Comments:	FREE GEEK accepts computers and computer related hardware in any condition. If you will be bringing in pallet loads of equipment, please call ahead and set up an appointment. Also accepts scanners, mice, external modems, telephones, CDs, cables, DAT tapes, DVD players, IPODs, PDA's, video game equipment, cameras, and routers.

Facility ID:	81718
Service:	Free Geek Community Technology Center
Phone:	503-232-9350
Extension:	Not reported
Website:	http://www.freegeek.org/
Email:	Available form on website
Material Category:	Electronics
Material Accepted:	Keyboards
Contact Name:	Not reported
Residential:	Yes
Commercial:	Yes
Service Type:	Dropoff and buy-back sites
Light Recycle Participant:	No
Hours:	Tue-Sat 10am-6pm
Comments:	FREE GEEK accepts computers and computer related hardware in any condition. If you will be bringing in pallet loads of equipment, please call ahead and set up an appointment. Also accepts scanners, mice, external modems, telephones, CDs, cables, DAT tapes, DVD players, IPODs, PDA's, video game equipment, cameras, and routers.

Facility ID:	81718
Service:	Free Geek Community Technology Center
Phone:	503-232-9350
Extension:	Not reported
Website:	http://www.freegeek.org/
Email:	Available form on website
Material Category:	Electronics
Material Accepted:	Monitors
Contact Name:	Not reported
Residential:	Yes
Commercial:	Yes
Service Type:	Dropoff and buy-back sites
Light Recycle Participant:	No
Hours:	Tue-Sat 10am-6pm
Comments:	FREE GEEK accepts computers and computer related hardware in any condition. If you will be bringing in pallet loads of equipment, please call ahead and set up an appointment. Also accepts scanners, mice, external modems, telephones, CDs, cables, DAT tapes, DVD players, IPODs, PDA's, video game equipment, cameras, and routers.

FREE GEEK (Continued) **S111415785**

Facility ID:	81718
Service:	Free Geek Community Technology Center
Phone:	503-232-9350
Extension:	Not reported
Website:	http://www.freegeek.org/
Email:	Available form on website
Material Category:	Electronics
Material Accepted:	Printers
Contact Name:	Not reported
Residential:	Yes
Commercial:	Yes
Service Type:	Dropoff and buy-back sites
Light Recycle Participant:	No
Hours:	Tue-Sat 10am-6pm
Comments:	FREE GEEK accepts computers and computer related hardware in any condition. If you will be bringing in pallet loads of equipment, please call ahead and set up an appointment. Also accepts scanners, mice, external modems, telephones, CDs, cables, DAT tapes, DVD players, IPODs, PDA's, video game equipment, cameras, and routers.

Facility ID:	81718
Service:	Free Geek Community Technology Center
Phone:	503-232-9350
Extension:	Not reported
Website:	http://www.freegeek.org/
Email:	Available form on website
Material Category:	Electronics
Material Accepted:	Stereo equipment
Contact Name:	Not reported
Residential:	Yes
Commercial:	Yes
Service Type:	Dropoff and buy-back sites
Light Recycle Participant:	No
Hours:	Tue-Sat 10am-6pm
Comments:	FREE GEEK accepts computers and computer related hardware in any condition. If you will be bringing in pallet loads of equipment, please call ahead and set up an appointment. Also accepts scanners, mice, external modems, telephones, CDs, cables, DAT tapes, DVD players, IPODs, PDA's, video game equipment, cameras, and routers.

Facility ID:	81718
Service:	Free Geek Community Technology Center
Phone:	503-232-9350
Extension:	Not reported
Website:	http://www.freegeek.org/
Email:	Available form on website
Material Category:	Electronics
Material Accepted:	VCRs, DVD players
Contact Name:	Not reported
Residential:	Yes
Commercial:	Yes
Service Type:	Dropoff and buy-back sites
Light Recycle Participant:	No
Hours:	Tue-Sat 10am-6pm
Comments:	FREE GEEK accepts computers and computer related hardware in any condition. If you will be bringing in pallet loads of equipment, please call ahead and set up an appointment. Also accepts scanners,

FREE GEEK (Continued) **S111415785**

mice, external modems, telephones, CDs, cables, DAT tapes, DVD players, IPODs, PDA's, video game equipment, cameras, and routers.

Facility ID: 81718
Service: Free Geek Community Technology Center
Phone: 503-232-9350
Extension: Not reported
Website: http://www.freegeek.org/
Email: Available form on website
Material Category: Electronics
Material Accepted: CDs, diskettes, tapes
Contact Name: Not reported
Residential: Yes
Commercial: Yes
Service Type: Dropoff and buy-back sites
Light Recycle Participant: No
Hours: Tue-Sat 10am-6pm
Comments: FREE GEEK accepts computers and computer related hardware in any condition. If you will be bringing in pallet loads of equipment, please call ahead and set up an appointment. Also accepts scanners, mice, external modems, telephones, CDs, cables, DAT tapes, DVD players, IPODs, PDA's, video game equipment, cameras, and routers.

Facility ID: 81718
Service: Free Geek Community Technology Center
Phone: 503-232-9350
Extension: Not reported
Website: http://www.freegeek.org/
Email: Available form on website
Material Category: Electronics
Material Accepted: Cell phones
Contact Name: Not reported
Residential: Yes
Commercial: Yes
Service Type: Dropoff and buy-back sites
Light Recycle Participant: No
Hours: Tue-Sat 10am-6pm
Comments: FREE GEEK accepts computers and computer related hardware in any condition. If you will be bringing in pallet loads of equipment, please call ahead and set up an appointment. Also accepts scanners, mice, external modems, telephones, CDs, cables, DAT tapes, DVD players, IPODs, PDA's, video game equipment, cameras, and routers.

Facility ID: 81718
Service: Free Geek Community Technology Center
Phone: 503-232-9350
Extension: Not reported
Website: http://www.freegeek.org/
Email: Available form on website
Material Category: Electronics
Material Accepted: Circuit boards
Contact Name: Not reported
Residential: Yes
Commercial: Yes
Service Type: Dropoff and buy-back sites
Light Recycle Participant: No
Hours: Tue-Sat 10am-6pm

FREE GEEK (Continued) **S111415785**

Comments:	FREE GEEK accepts computers and computer related hardware in any condition. If you will be bringing in pallet loads of equipment, please call ahead and set up an appointment. Also accepts scanners, mice, external modems, telephones, CDs, cables, DAT tapes, DVD players, IPODs, PDA's, video game equipment, cameras, and routers.
Facility ID:	81718
Service:	Free Geek Community Technology Center
Phone:	503-232-9350
Extension:	Not reported
Website:	http://www.freegeek.org/
Email:	Available form on website
Material Category:	Electronics
Material Accepted:	Scanners
Contact Name:	Not reported
Residential:	Yes
Commercial:	Yes
Service Type:	Dropoff and buy-back sites
Light Recycle Participant:	No
Hours:	Tue-Sat 10am-6pm
Comments:	FREE GEEK accepts computers and computer related hardware in any condition. If you will be bringing in pallet loads of equipment, please call ahead and set up an appointment. Also accepts scanners, mice, external modems, telephones, CDs, cables, DAT tapes, DVD players, IPODs, PDA's, video game equipment, cameras, and routers.
Facility ID:	81718
Service:	Free Geek Community Technology Center
Phone:	503-232-9350
Extension:	Not reported
Website:	http://www.freegeek.org/
Email:	Available form on website
Material Category:	Electronics
Material Accepted:	Tablets & e-readers
Contact Name:	Not reported
Residential:	Yes
Commercial:	Yes
Service Type:	Dropoff and buy-back sites
Light Recycle Participant:	No
Hours:	Tue-Sat 10am-6pm
Comments:	FREE GEEK accepts computers and computer related hardware in any condition. If you will be bringing in pallet loads of equipment, please call ahead and set up an appointment. Also accepts scanners, mice, external modems, telephones, CDs, cables, DAT tapes, DVD players, IPODs, PDA's, video game equipment, cameras, and routers.
Facility ID:	81718
Service:	Free Geek Community Technology Center
Phone:	503-232-9350
Extension:	Not reported
Website:	http://www.freegeek.org/
Email:	Available form on website
Material Category:	Electronics
Material Accepted:	Telephones
Contact Name:	Not reported
Residential:	Yes
Commercial:	Yes

FREE GEEK (Continued) **S111415785**

Service Type: Dropoff and buy-back sites
Light Recycle Participant: No
Hours: Tue-Sat 10am-6pm
Comments: FREE GEEK accepts computers and computer related hardware in any condition. If you will be bringing in pallet loads of equipment, please call ahead and set up an appointment. Also accepts scanners, mice, external modems, telephones, CDs, cables, DAT tapes, DVD players, IPODs, PDA's, video game equipment, cameras, and routers.

CN312 **PACIFIC TOWN AND CAR** **OR LUST** **S101210373**
SSW **1750 SE 9TH AVE** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.436 mi.
2302 ft. **Site 2 of 2 in cluster CN**

Relative: **Lower**
Actual: **50 ft.**

LUST:
Region: North Western Region
Facility ID: 26-94-0125
Cleanup Received Date: 07/20/1994
Cleanup Start Date: 07/20/1994
Cleanup Complete Date: 06/21/2004
Decode for Region: North West Region

CJ313 **HEATING OIL TANK** **OR LUST** **S113907096**
SSE **1606 SE HOLLY ST** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.436 mi.
2304 ft. **Site 3 of 6 in cluster CJ**

Relative: **Lower**
Actual: **61 ft.**

LUST:
Region: North Western Region
Facility ID: 26-13-0636
Cleanup Received Date: 05/22/2013
Cleanup Start Date: Not reported
Cleanup Complete Date: 01/07/2014
Decode for Region: North West Region

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314 **HEATING OIL TANK** **OR LUST** **S110048102**
ESE **2015 SE SALMON ST** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.439 mi.
2317 ft.

Relative: **Higher**
Actual: **123 ft.**

LUST:
Region: North Western Region
Facility ID: 26-09-0874
Cleanup Received Date: 09/10/2009
Cleanup Start Date: Not reported
Cleanup Complete Date: 12/14/2009
Decode for Region: North West Region

CO315 **BROADSTONE ANTHEM** **OR LUST** **S121475228**
NNE **1337 E BURNSIDE STREET** **OR NPDES** **N/A**
1/4-1/2 **PORTLAND, OR 97232** **OR UIC**
0.440 mi.
2321 ft. **Site 1 of 3 in cluster CO**

Relative:
Higher

Actual:
121 ft.

LUST:

Region:	North Western Region
Facility ID:	26-18-0486
Cleanup Received Date:	04/30/2018
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**Not reported**
Decode for Region:	**North West Region**

NPDES:

WQ File Nbr:	125627
Legal Name:	Broadstone Anthem Alliance, LLC
Region:	NWR
Pri SIC:	1522
Facility Type:	RESIDENTIAL CONSTRUCTION, NEC
Latitude:	45.5232
Longitude:	-122.652
Category:	STM
Permit Type:	GEN12C
Permit Active:	True
Is Active?:	Not reported
Permit Description:	Stormwater; NPDES construction more than 1 acre disturbed ground
Expiration Date:	12/14/2020
EPA Number:	ORR10F142
UIC Facility:	False
Admin Agent:	NW Region Office
Last Action Date:	12/15/2017
Permit Writer:	Kennedy
Compliance Inspector:	Kennedy
DMR Reviewer:	Not reported
Application Number:	953696
Class:	MINOR
Start Date:	12/15/2017
Region Decode:	North West Region

OR UIC:

UIC Well #:	1
Type:	5D2
Type Description:	Storm Water Drainage
Status:	Active
UIC Number:	15642
Facility Status:	Registered & RA
Lat/Long:	45.523273 / -122.6521

UIC Well #:	2
Type:	5D2
Type Description:	Storm Water Drainage
Status:	Active
UIC Number:	15642
Facility Status:	Registered & RA
Lat/Long:	45.523273 / -122.6521

UIC Well #: 3

BROADSTONE ANTHEM (Continued) **S121475228**

Type: 5D2
Type Description: Storm Water Drainage
Status: Active
UIC Number: 15642
Facility Status: Registered & RA
Lat/Long: 45.523273 / -122.6521

UIC Well #: 4
Type: 5D2
Type Description: Storm Water Drainage
Status: Active
UIC Number: 15642
Facility Status: Registered & RA
Lat/Long: 45.523273 / -122.6521

UIC Well #: 5
Type: 5D2
Type Description: Storm Water Drainage
Status: Active
UIC Number: 15642
Facility Status: Registered & RA
Lat/Long: 45.523273 / -122.6521

UIC Well #: 6
Type: 5D2
Type Description: Storm Water Drainage
Status: Active
UIC Number: 15642
Facility Status: Registered & RA
Lat/Long: 45.523273 / -122.6521

UIC Well #: 7
Type: 5D2
Type Description: Storm Water Drainage
Status: Active
UIC Number: 15642
Facility Status: Registered & RA
Lat/Long: 45.523273 / -122.6521

UIC Well #: 8
Type: 5D2
Type Description: Storm Water Drainage
Status: Active
UIC Number: 15642
Facility Status: Registered & RA
Lat/Long: 45.523273 / -122.6521

CP316 **HEATING OIL TANK** **OR LUST** **S111005338**
NW **200 SE MLK JR BLVD** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.442 mi.
2334 ft. **Site 1 of 4 in cluster CP**

Relative: LUST:
Lower
Region: North Western Region
Actual: Facility ID: 26-11-0216
50 ft. Cleanup Received Date: 03/16/2011
Cleanup Start Date: Not reported

HEATING OIL TANK (Continued) **S111005338**

Cleanup Complete Date: **06/07/2011**
Decode for Region: **North West Region**

CP317 **INDUSTRIAL HOME (FORMERLY SALVATION ARMY** **OR LUST** **U004182479**
NW **200 SE M L KING BLVD** **OR UST** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.442 mi.
2334 ft. **Site 2 of 4 in cluster CP**

Relative:
Lower

Actual:
50 ft.

LUST:
Region: North Western Region
Facility ID: 26-11-0620
Cleanup Received Date: 03/16/2011
Cleanup Start Date: 03/16/2011
Cleanup Complete Date: 08/29/2011
Decode for Region: North West Region

UST:
Facility ID: 12405
Facility Telephone: (503) 224-2446
Permittee Name: ARTHUR DEMURO
Number of Permitted Tanks: Not reported
Active Tanks: Not reported
Decommissioned Tanks: 1
Number of Tanks: 1

CJ318 **HEATING OIL TANK** **OR LUST** **S109494176**
SE **1661 SE HOLLY ST** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.443 mi.
2337 ft. **Site 4 of 6 in cluster CJ**

Relative:
Higher

Actual:
72 ft.

LUST:
Region: North Western Region
Facility ID: 26-08-1378
Cleanup Received Date: 10/23/2008
Cleanup Start Date: Not reported
Cleanup Complete Date: 12/08/2008
Decode for Region: North West Region

CO319 **BROADSTONE BURNSIDE** **OR LUST** **S106777314**
NNE **20 NE 14TH AVENUE** **OR NPDES** **N/A**
1/4-1/2 **PORTLAND, OR 97232** **OR UIC**
0.443 mi.
2340 ft. **Site 2 of 3 in cluster CO**

Relative:
Higher

Actual:
123 ft.

LUST:
Region: North Western Region
Facility ID: 26-04-1900
Cleanup Received Date: 09/20/2004
Cleanup Start Date: 09/20/2004
Cleanup Complete Date: 05/19/2010
Decode for Region: North West Region

BROADSTONE BURNSIDE (Continued) **S106777314**

NPDES:

WQ File Nbr:	125114
Legal Name:	Alliance Residential LLC
Region:	NWR
Pri SIC:	1522
Facility Type:	RESIDENTIAL CONSTRUCTION, NEC
Latitude:	45.5232
Longitude:	-122.651
Category:	STM
Permit Type:	GEN12C
Permit Active:	True
Is Active?:	Not reported
Permit Description:	Stormwater; NPDES construction more than 1 acre disturbed ground
Expiration Date:	12/14/2020
EPA Number:	ORR10E767
UIC Facility:	False
Admin Agent:	NW Region Office
Last Action Date:	03/21/2017
Permit Writer:	Kennedy
Compliance Inspector:	Kennedy
DMR Reviewer:	Not reported
Application Number:	955158
Class:	MINOR
Start Date:	03/21/2017
Region Decode:	North West Region

OR UIC:

UIC Well #:	1
Type:	5D2
Type Description:	Storm Water Drainage
Status:	Active
UIC Number:	15356
Facility Status:	Registered & RA
Lat/Long:	45.524319 / -122.6513

UIC Well #:	2
Type:	5D2
Type Description:	Storm Water Drainage
Status:	Active
UIC Number:	15356
Facility Status:	Registered & RA
Lat/Long:	45.524319 / -122.6513

UIC Well #:	3
Type:	5D2
Type Description:	Storm Water Drainage
Status:	Active
UIC Number:	15356
Facility Status:	Registered & RA
Lat/Long:	45.524319 / -122.6513

UIC Well #:	4
Type:	5D2
Type Description:	Storm Water Drainage
Status:	Active
UIC Number:	15356

BROADSTONE BURNSIDE (Continued) **S106777314**

Facility Status: Registered & RA
Lat/Long: 45.524319 / -122.6513

UIC Well #: 5
Type: 5D2
Type Description: Storm Water Drainage
Status: Active
UIC Number: 15356
Facility Status: Registered & RA
Lat/Long: 45.524319 / -122.6513

UIC Well #: 6
Type: 5D2
Type Description: Storm Water Drainage
Status: Active
UIC Number: 15356
Facility Status: Registered & RA
Lat/Long: 45.524319 / -122.6513

UIC Well #: 7
Type: 5D2
Type Description: Storm Water Drainage
Status: Active
UIC Number: 15356
Facility Status: Registered & RA
Lat/Long: 45.524319 / -122.6513

UIC Well #: 8
Type: 5D2
Type Description: Storm Water Drainage
Status: Active
UIC Number: 15356
Facility Status: Registered & RA
Lat/Long: 45.524319 / -122.6513

CK320 **HEATING OIL TANK** **OR LUST** **S109843609**
SSE **1442 SE PALM ST** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.446 mi.
2356 ft. **Site 2 of 2 in cluster CK**

Relative: LUST:
Lower
Actual: Region: North Western Region
53 ft. Facility ID: 26-09-0255
Cleanup Received Date: 04/01/2009
Cleanup Start Date: Not reported
Cleanup Complete Date: 06/02/2009
Decode for Region: North West Region

CJ321
SE
1/4-1/2
0.450 mi.
2374 ft.

HEATING OIL TANK
1630 SE HOLLY STREET
PORTLAND, OR 97214

Site 5 of 6 in cluster CJ

OR LUST **S105981612**
N/A

Relative:
Lower

Actual:
65 ft.

LUST:

Region:	North Western Region
Facility ID:	26-03-1861
Cleanup Received Date:	09/05/2003
Cleanup Start Date:	09/08/2003
Cleanup Complete Date:	**12/29/2003**
Decode for Region:	**North West Region**

322
NW
1/4-1/2
0.453 mi.
2394 ft.

WENTWORTH CHEVROLET CO.
107 SE GRAND AVE
PORTLAND, OR 97214

OR LUST **S119015582**
OR AIRS **N/A**

Relative:
Lower

Actual:
57 ft.

LUST:

Region:	North Western Region
Facility ID:	26-91-0346
Cleanup Received Date:	09/06/1991
Cleanup Start Date:	09/06/1991
Cleanup Complete Date:	**02/23/2005**
Decode for Region:	**North West Region**

OR AIRS:

Year:	Not reported
Emission:	Not reported
Permit Number:	26-0338-BS-01
Permit Type:	Basic ACDP
Expiration Date:	08/01/2028
Source ID:	Not reported
Issue Date:	08/10/2018
NAICS Code:	Not reported
Is Primary:	Not reported
SIC Code:	Not reported
Is Primary:	Not reported
Latitude:	45.5222
Longitude:	-122.6595
Poll:	Not reported
Emission Source Code:	Not reported
Process Code:	Not reported
SCC:	Not reported
Emission Source Description:	Not reported
Process Description:	Not reported
Throughput:	Not reported
Process Unit:	Not reported
Throughput Type:	Not reported

CL323 **HEATING OIL TANK** **OR LUST** **S110509967**
South **1818 SE MULBERRY AVE** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.455 mi.
2402 ft. **Site 2 of 2 in cluster CL**

Relative: LUST:
Lower
Actual: Region: North Western Region
50 ft. Facility ID: 26-10-0577
Cleanup Received Date: 06/17/2010
Cleanup Start Date: Not reported
Cleanup Complete Date: 08/16/2010
Decode for Region: North West Region

CJ324 **HEATING OIL TANK** **OR LUST** **S121972220**
SE **1640 SE HOLLY ST** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.457 mi.
2411 ft. **Site 6 of 6 in cluster CJ**

Relative: LUST:
Lower
Actual: Region: North Western Region
67 ft. Facility ID: 26-18-0233
Cleanup Received Date: 03/07/2018
Cleanup Start Date: Not reported
Cleanup Complete Date: Not reported
Decode for Region: North West Region

CQ325 **HEATING OIL TANK** **OR LUST** **S106475665**
NW **15 SE 6TH AVENUE** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.459 mi.
2421 ft. **Site 1 of 2 in cluster CQ**

Relative: LUST:
Higher
Actual: Region: North Western Region
69 ft. Facility ID: 26-04-0772
Cleanup Received Date: 04/30/2004
Cleanup Start Date: 05/10/2004
Cleanup Complete Date: 10/14/2004
Decode for Region: North West Region

CR326 **HEATING OIL TANK** **OR LUST** **S108572982**
ESE **2011 SE MAIN ST** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.459 mi.
2425 ft. **Site 1 of 4 in cluster CR**

Relative: LUST:
Higher
Actual: Region: North Western Region
113 ft. Facility ID: 26-07-0413
Cleanup Received Date: 03/29/2007
Cleanup Start Date: Not reported
Cleanup Complete Date: Not reported
Decode for Region: North West Region

CS327
WNW
1/4-1/2
0.460 mi.
2428 ft.

HEATING OIL TANK
201 SE WASHINGTON
PORTLAND, OR 97214

Site 1 of 3 in cluster CS

OR LUST **S104908101**
N/A

Relative:
Lower

Actual:
34 ft.

LUST:

Region:	North Western Region
Facility ID:	26-01-5417
Cleanup Received Date:	03/10/2001
Cleanup Start Date:	03/10/2001
Cleanup Complete Date:	**04/30/2001**
Decode for Region:	**North West Region**

328
WNW
1/4-1/2
0.461 mi.
2433 ft.

HEATING OIL TANK
SE THIRD & PINE (SE CORNER)
PORTLAND, OR 97023

OR LUST **S100500556**
N/A

Relative:
Lower

Actual:
45 ft.

LUST:

Region:	North Western Region
Facility ID:	26-89-0314
Cleanup Received Date:	12/13/1989
Cleanup Start Date:	12/13/1989
Cleanup Complete Date:	**12/14/1989**
Decode for Region:	**North West Region**

CT329
West
1/4-1/2
0.464 mi.
2448 ft.

HEATING OIL TANK
130 SE MORRISON
PORTLAND, OR 97214

Site 1 of 2 in cluster CT

OR LUST **S106777337**
N/A

Relative:
Lower

Actual:
35 ft.

LUST:

Region:	North Western Region
Facility ID:	26-04-1934
Cleanup Received Date:	09/23/2004
Cleanup Start Date:	09/15/2004
Cleanup Complete Date:	**11/01/2004**
Decode for Region:	**North West Region**

CR330
ESE
1/4-1/2
0.464 mi.
2451 ft.

HEATING OIL TANK
1306 SE 20TH AVE
PORTLAND, OR 97214

Site 2 of 4 in cluster CR

OR LUST **S110141267**
N/A

Relative:
Higher

Actual:
112 ft.

LUST:

Region:	North Western Region
Facility ID:	26-09-1217
Cleanup Received Date:	11/30/2009
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**Not reported**
Decode for Region:	**North West Region**

CU331
SE
1/4-1/2
0.465 mi.
2453 ft.

HEATING OIL TANK
1518 SE POPLAR AVE
PORTLAND, OR 97214

Site 1 of 3 in cluster CU

OR LUST **S109346995**
N/A

Relative:
Higher

Actual:
88 ft.

LUST:
Region: North Western Region
Facility ID: 26-08-1184
Cleanup Received Date: 09/12/2008
Cleanup Start Date: Not reported
Cleanup Complete Date: 02/27/2009
Decode for Region: North West Region

CR332
ESE
1/4-1/2
0.465 mi.
2454 ft.

HEATING OIL TANK
2021 SE MAIN ST
PORTLAND, OR 97214

Site 3 of 4 in cluster CR

OR LUST **S106777151**
N/A

Relative:
Higher

Actual:
114 ft.

LUST:
Region: North Western Region
Facility ID: 26-04-1676
Cleanup Received Date: 08/19/2004
Cleanup Start Date: 08/19/2004
Cleanup Complete Date: Not reported
Decode for Region: North West Region

CU333
SE
1/4-1/2
0.466 mi.
2458 ft.

HEATING OIL TANK
1524 SE POPLAR AVENUE
PORTLAND, OR 97214

Site 2 of 3 in cluster CU

OR LUST **S105981757**
N/A

Relative:
Higher

Actual:
84 ft.

LUST:
Region: North Western Region
Facility ID: 26-03-2083
Cleanup Received Date: 10/02/2003
Cleanup Start Date: 10/02/2003
Cleanup Complete Date: 11/26/2003
Decode for Region: North West Region

334
North
1/4-1/2
0.466 mi.
2459 ft.

GERMAN FORMULA
100 NE 11TH AVE
PORTLAND, OR 97232

OR LUST **U000433541**
OR UST **N/A**

Relative:
Higher

Actual:
115 ft.

LUST:
Region: North Western Region
Facility ID: 26-97-0456
Cleanup Received Date: 06/16/1997
Cleanup Start Date: 06/16/1997
Cleanup Complete Date: 07/02/2008
Decode for Region: North West Region

GERMAN FORMULA (Continued) **U000433541**

UST:
Facility ID: 4194
Facility Telephone: (503) 238-1707
Permittee Name: RALF LEOPOLD (LESSEE), OWNER OF BUSINESS
Number of Permitted Tanks: Not reported
Active Tanks: Not reported
Decommissioned Tanks: 1
Number of Tanks: 1

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335 **HEATING OIL TANK** **OR LUST** **S117565652**
SE **1932 SE MADISON ST** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.466 mi.
2461 ft.

Relative:
Higher

Actual:
100 ft.

LUST:
Region: North Western Region
Facility ID: 26-14-1512
Cleanup Received Date: 11/05/2014
Cleanup Start Date: Not reported
Cleanup Complete Date: 04/14/2015
Decode for Region: North West Region

CV336 **ALPINE FOOD DISTRIBUTING** **OR LUST** **S107135293**
WNW **205 SE STARK ST** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.467 mi.
2465 ft. **Site 1 of 2 in cluster CV**

Relative:
Lower

Actual:
37 ft.

LUST:
Region: North Western Region
Facility ID: 26-05-1103
Cleanup Received Date: 05/27/2005
Cleanup Start Date: 05/27/2005
Cleanup Complete Date: 11/04/2008
Decode for Region: North West Region

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337 **HEATING OIL TANK** **OR LUST** **S106777587**
North **935 NE COUCH ST** **N/A**
1/4-1/2 **PORTLAND, OR 97232**
0.467 mi.
2465 ft.

Relative:
Higher

Actual:
101 ft.

LUST:
Region: North Western Region
Facility ID: 26-04-2336
Cleanup Received Date: 11/19/2004
Cleanup Start Date: 11/22/2004
Cleanup Complete Date: 02/08/2005
Decode for Region: North West Region

338
SSE
1/4-1/2
0.467 mi.
2465 ft.

HEATING OIL TANK
1718 SE 16TH AVE
PORTLAND, OR 97214

OR LUST

S108572496
N/A

Relative:
Lower

Actual:
61 ft.

LUST:

Region:	North Western Region
Facility ID:	26-07-0471
Cleanup Received Date:	04/11/2007
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**10/23/2007**
Decode for Region:	**North West Region**

339
SSW
1/4-1/2
0.467 mi.
2467 ft.

SURBURBIA STUDIOS
632 SE MARKET ST
PORTLAND, OR 97214

OR LUST
OR UST

U004127300
N/A

Relative:
Lower

Actual:
64 ft.

LUST:

Region:	North Western Region
Facility ID:	26-08-1342
Cleanup Received Date:	10/10/2008
Cleanup Start Date:	10/06/2008
Cleanup Complete Date:	**10/29/2010**
Decode for Region:	**North West Region**

UST:

Facility ID:	12340
Facility Telephone:	(503) 710-7352
Permittee Name:	MARK JACOBS
Number of Permitted Tanks:	Not reported
Active Tanks:	Not reported
Decommissioned Tanks:	1
Number of Tanks:	1

CO340
NNE
1/4-1/2
0.468 mi.
2472 ft.

PORTLAND BOTTLING COMPANY
1321 NE COUCH ST
PORTLAND, OR 97232

Site 3 of 3 in cluster CO

OR LUST
OR UST
OR AST
OR SPILLS
OR HSIS

U000433560
N/A

Relative:
Higher

Actual:
121 ft.

LUST:

Region:	North Western Region
Facility ID:	26-90-0266
Cleanup Received Date:	02/03/1991
Cleanup Start Date:	07/26/1990
Cleanup Complete Date:	**03/21/1995**
Decode for Region:	**North West Region**

UST:

Facility ID:	4995
Facility Telephone:	(503) 230-7777
Permittee Name:	Not reported
Number of Permitted Tanks:	Not reported
Active Tanks:	Not reported

PORTLAND BOTTLING COMPANY (Continued) **U000433560**

Decommissioned Tanks: 3
Number of Tanks: 3

AST:
Facility Id: 020132
Hazardous Substance: NITROGEN LIQUID
Reporting Quantities: 500-999
Quantity Units: GALLONS
Physical State: GAS
Storage 1: ABOVEGROUND TANK

Facility Id: 020132
Hazardous Substance: PROPANE
Reporting Quantities: 500-999
Quantity Units: GALLONS
Physical State: LIQUID
Storage 1: CYLINDER
Storage 2: ABOVEGROUND TANK

OR SPILLS:
Facility ID: 2015-2581
Incident Status: Referred/Closed
Material: Oil - Diesel
Quantity: 20
Unit of Measure: Gallons
Release Date: 11/24/2015
Description: Yesterday morning, Portland Bottling Company, located at 1321 NE Couch Street, had a third party carrier spill about 20 gallons of diesel shortly after pulling out of their loading zone. The loading zone is located at the NE corner of NE Couch Street and NE 12th Avenue. The third party carrier turned north on NE 12th and pulled over near the intersection of NE Flanders Street and NE 12th Avenue. The spill was in the street between NE Couch and NE Flanders. River City degreased and pressure washed the street. They also used a vactor on the catch basins between Couch and Flanders. BES does not have details on which catch basins were affected yet however, this is a combined sewer area. At this point, BES is considering the third party carrier the responsible party for the 20 gallons of diesel spilled.
Lat/Long: 45.523717 / -122.65212
Source: Motor Vehicle - Commercial
Media: Pavement
Responsible Company: Not reported
Responsible Address: Not reported
Responsible City,St,Zip: Not reported

Facility ID: 2010-2594
Incident Status: Archive
Material: Products, manufacturing intermediates, etc.
Quantity: 100
Unit of Measure: Pounds
Release Date: 11/03/2010
Description: Portland Bottling Co. reporting release of anhydrous ammonia at their NE Portland facility. No known human exposure.
Lat/Long: 45.5239 / -122.6508
Source: Business
Media: Not reported

PORTLAND BOTTLING COMPANY (Continued) **U000433560**

Responsible Company: Portland Bottling Company
Responsible Address: 1321 NE Couch St
Responsible City,St,Zip: Portland, OR 97232-3007

HSIS:

Facility ID:	118106
Department Or Division Of Company:	Not reported
Extremely Hazardous Substance:	N
Facility Has Written Emergency Plan:	Y
Contains 112R:	N
NAICS Code 1:	312120
NAICS Desc 1:	BREWERIES
NAICS Code 2:	000000
NAICS Desc 2:	Not reported
Manager Name:	IAN MCGUINNESS
Business Phone:	9716787116
Mailing Address:	5809 NE ALTON
Mailing City:	PORTLAND
Mailing State:	OR
Mailing Zip:	97213
No. of Employees:	1
Day Phone:	9716787116
Placard:	Y
Fire Dept Code:	0291
FD:	PORTLAND FIRE & RESCUE
Sprinkler System:	N
Emergency Contact:	IAN MCGUINNESS
Emergency Procedure:	QC OFFICE - PORTLAND BOTTLING CO
Business Type:	BREWERY
Facility Type:	Not reported
Division/Department:	Not reported
Facility Status:	Not reported
Status TRI:	Not reported
Status RMP:	Not reported
Status PSM:	Not reported
Status CR2K:	Not reported
Status 302:	Not reported
Owner Name:	Not reported
Latest Report ID:	Not reported
Case Number:	Not reported
Chemical Name:	Not reported
EHS Name:	Not reported
Is Pure:	Not reported
Is Mix:	Not reported
Is EHS:	Not reported
Mixture Component:	Not reported
Maximum DailyAmount Code:	Not reported
Maximum DailyAmount Unit:	Not reported
Chemical Added Date:	Not reported
Is ChemPSM:	Not reported
Is Chem112r:	Not reported
Is Chem302:	Not reported
Is Pesticide:	Not reported
Is Fertilizer:	Not reported
Physical State:	Not reported
UNNA Number:	Not reported
NFPA Health:	Not reported

PORTLAND BOTTLING COMPANY (Continued) **U000433560**

NFPA Flammability:	Not reported
NFPA Reactivity:	Not reported
NFPA Special Notice:	Not reported
Hazards:	Not reported
No# of Days Onsite:	Not reported
Latitude:	Not reported
Longitude:	Not reported

Facility:

Chemical Name:	GRAIN DUST
Physical Description:	SOLID
Case Number:	000000
Facility Id:	118106
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	J
Description:	BAG
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	GRAIN DUST
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	1
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	GRAIN DUST
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

PORTLAND BOTTLING COMPANY (Continued) **U000433560**

Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Facility ID:	020132
Department Or Division Of Company:	Not reported
Extremely Hazardous Substance:	N
Facility Has Written Emergency Plan:	Y
Contains 112R:	N
NAICS Code 1:	312111
NAICS Desc 1:	SOFT DRINK MFG
NAICS Code 2:	493110
NAICS Desc 2:	GENERAL WAREHOUSING & STORAGE
Manager Name:	TOM KEENAN
Business Phone:	5032315035
Mailing Address:	1321 NE COUCH ST
Mailing City:	PORTLAND
Mailing State:	OR
Mailing Zip:	97232
No. of Employees:	165
Day Phone:	3606009062
Placard:	Y
Fire Dept Code:	0291
FD:	PORTLAND FIRE & RESCUE
Sprinkler System:	Y
Emergency Contact:	DAVE TRESTRAIL
Emergency Procedure:	EXITS
Business Type:	SOFT DRINK PRODUCTION CENTER
Facility Type:	Not reported
Division/Department:	Not reported
Facility Status:	Not reported
Status TRI:	Not reported
Status RMP:	Not reported
Status PSM:	Not reported
Status CR2K:	Not reported
Status 302:	Not reported
Owner Name:	Not reported
Latest Report ID:	Not reported
Case Number:	Not reported
Chemical Name:	Not reported
EHS Name:	Not reported
Is Pure:	Not reported
Is Mix:	Not reported
Is EHS:	Not reported
Mixture Component:	Not reported
Maximum DailyAmount Code:	Not reported
Maximum DailyAmount Unit:	Not reported
Chemical Added Date:	Not reported
Is ChemPSM:	Not reported
Is Chem112r:	Not reported
Is Chem302:	Not reported

PORTLAND BOTTLING COMPANY (Continued) **U000433560**

Is Pesticide:	Not reported
Is Fertilizer:	Not reported
Physical State:	Not reported
UNNA Number:	Not reported
NFPA Health:	Not reported
NFPA Flammability:	Not reported
NFPA Reactivity:	Not reported
NFPA Special Notice:	Not reported
Hazards:	Not reported
No# of Days Onsite:	Not reported
Latitude:	Not reported
Longitude:	Not reported

Facility:

Chemical Name:	HYDRAULIC OIL AW 46
Physical Description:	LIQUID
Case Number:	64742522
Facility Id:	020132
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	SEVERELY HYDROTREATED HVY NAPHTHENIC DIS
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Combustible Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.5
Hazard Class 3 Of The Chemical:	6.4

Chemical:

Chemical Name:	HYDRAULIC OIL AW 46
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	64742522
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard

PORTLAND BOTTLING COMPANY (Continued) **U000433560**

Second Hazardous Class Code For Chemical:	Combustible Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.5
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	HYDROGEN PEROXIDE
Physical Description:	LIQUID
Case Number:	7722841
Facility Id:	020132
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	03
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	E
Description:	PLASTIC OR NON-METALLIC DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	20-49
Most Hazardous Ingridient:	HYDROGEN PEROXIDE
United Nations/north America 4 Digit Class Number:	2014
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Acute Health Hazard
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.3

Chemical:

Chemical Name:	HYDROGEN PEROXIDE
United Nations/north America 4 Digit Class Number:	2014
Chemical Abstract Service Identifier Number:	7722841
Chemical Is Extremely Hazardous Substance (EHS):	Y
First Hazardous Class Code For Chemical:	Oxidizers

PORTLAND BOTTLING COMPANY (Continued) **U000433560**

Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Acute Health Hazard
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.3
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	5749-7
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	Y
Contains 313:	N

Chemical Name:	LIQUID SUGAR
Physical Description:	LIQUID
Case Number:	57501
Facility Id:	020132
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	30
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	E
Description:	PLASTIC OR NON-METALLIC DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	10,000-49,999
Most Hazardous Ingridient:	SUCROSE
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	1
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	LIQUID SUGAR
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	57501
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material

PORTLAND BOTTLING COMPANY (Continued) **U000433560**

Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	MALIC ACID
Physical Description:	SOLID
Case Number:	6915157
Facility Id:	020132
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	21
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	J
Description:	BAG
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5,000-9,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	BUTANEDIOIC ACID
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	1
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	MALIC ACID
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	6915157
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard

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Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	MAPP GAS
Physical Description:	GAS
Case Number:	115071
Facility Id:	020132
Physical State Of The Substance:	3
Avag Amt Possessed During Year CD:	03
Max Amt Possessed During Year CD:	03
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	F
Description:	CAN
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	20-49
Description Of The Avg Qnty Code:	20-49
Most Hazardous Ingridient:	PROPYLENE
United Nations/north America 4 Digit Class Number:	1060
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Flammable Gas
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.1
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	MAPP GAS
United Nations/north America 4 Digit Class Number:	1060
Chemical Abstract Service Identifier Number:	115071
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Flammable Gas

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Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.1
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Y
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	NITROGEN
Physical Description:	GAS
Case Number:	7727379
Facility Id:	020132
Physical State Of The Substance:	3
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	3
Description Of The Unit Of Measure:	CUBIC FEET
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	L
Temperature Description:	CYLINDER
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	NITROGEN
United Nations/north America 4 Digit Class Number:	1066
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Non-flammable Gas
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.2
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	NITROGEN
United Nations/north America 4 Digit Class Number:	1066
Chemical Abstract Service Identifier Number:	7727379
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Non-flammable Gas

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Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.2
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	NITROGEN LIQUID
Physical Description:	GAS
Case Number:	7727379
Facility Id:	020132
Physical State Of The Substance:	3
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	A
Description:	ABOVEGROUND TANK
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	CRYOGENIC CONDITIONS
Temperature of The Hazardous Substance Code:	7
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	NITROGEN
United Nations/north America 4 Digit Class Number:	1977
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Non-flammable Gas
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.2
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	NITROGEN LIQUID
United Nations/north America 4 Digit Class Number:	1977
Chemical Abstract Service Identifier Number:	7727379
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Non-flammable Gas

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Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.2
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	OXYGEN
Physical Description:	GAS
Case Number:	7782447
Facility Id:	020132
Physical State Of The Substance:	3
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	10
Applicable Unit Of Measure Code:	3
Description Of The Unit Of Measure:	CUBIC FEET
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	200-499
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	OXYGEN
United Nations/north America 4 Digit Class Number:	1072
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON SDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Non-flammable Gas
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	2.2
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	OXYGEN
United Nations/north America 4 Digit Class Number:	1072
Chemical Abstract Service Identifier Number:	7782447
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Oxidizers

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Second Hazardous Class Code For Chemical:	Non-flammable Gas
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	2.2
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	PAINT
Physical Description:	LIQUID
Case Number:	64742478
Facility Id:	020132
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	03
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	N
Description:	PLASTIC BOTTLE, JUG, BUCKET
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	20-49
Most Hazardous Ingridient:	PETROLEUM DISTILLATES
United Nations/north America 4 Digit Class Number:	1263
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	PAINT
United Nations/north America 4 Digit Class Number:	1263
Chemical Abstract Service Identifier Number:	64742478
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid

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Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	POTASSIUM CITRATE
Physical Description:	SOLID
Case Number:	866842
Facility Id:	020132
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	J
Description:	BAG
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	POTASSIUM CITRATE
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	1
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	POTASSIUM CITRATE
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	866842
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material

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Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	POTASSIUM SORBATE
Physical Description:	SOLID
Case Number:	24634615
Facility Id:	020132
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	21
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	J
Description:	BAG
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5,000-9,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	2,4-HEXADIENOIC ACID, POTASSIUM SALT
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Combustible Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.5
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	POTASSIUM SORBATE
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	24634615
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard

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Second Hazardous Class Code For Chemical:	Combustible Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.5
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	PROPANE
Physical Description:	LIQUID
Case Number:	74986
Facility Id:	020132
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	L
Description:	CYLINDER
Type Code:	A
Temperature Description:	ABOVEGROUND TANK
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	PROPANE
United Nations/north America 4 Digit Class Number:	1075
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON SDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Flammable Gas
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.1
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	PROPANE
United Nations/north America 4 Digit Class Number:	1075
Chemical Abstract Service Identifier Number:	74986
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Flammable Gas

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Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.1
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	SODIUM BENZOATE
Physical Description:	SOLID
Case Number:	532321
Facility Id:	020132
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	J
Description:	BAG
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	SODIUM BENZOATE
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	1
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	SODIUM BENZOATE
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	532321
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Combustible Material

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Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	SODIUM HEXAMETAPHOSPHATE
Physical Description:	SOLID
Case Number:	68915311
Facility Id:	020132
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	10
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	J
Description:	BAG
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	200-499
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	SODIUM HEXAMETAPHOSPHATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	1
EHS Ingredient:	NONE LISTED ON SDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	SODIUM HEXAMETAPHOSPHATE
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	68915311
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material

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Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	SORBIC ACID
Physical Description:	SOLID
Case Number:	110441
Facility Id:	020132
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	K
Description:	BOX
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	SORBIC ACID
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	SORBIC ACID
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	110441
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard

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Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	SUCROSE
Physical Description:	SOLID
Case Number:	57501
Facility Id:	020132
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	J
Description:	BAG
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SUCROSE
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	1
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	SUCROSE
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	57501
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material

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Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	TARTARIC ACID
Physical Description:	SOLID
Case Number:	86694
Facility Id:	020132
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	J
Description:	BAG
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	TARTARIC ACID
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	TARTARIC ACID
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	86694
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard

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Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	TRANSMISSION FLUID
Physical Description:	LIQUID
Case Number:	000000
Facility Id:	020132
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	HIGHLY REFINED MINERAL OIL (C15-C50)
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	TRANSMISSION FLUID
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Combustible Material

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Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	TRI-MIX ARGON
Physical Description:	GAS
Case Number:	7440597
Facility Id:	020132
Physical State Of The Substance:	3
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	3
Description Of The Unit Of Measure:	CUBIC FEET
Type Code:	L
Description:	CYLINDER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	HELIUM
United Nations/north America 4 Digit Class Number:	1956
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Non-flammable Gas
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.2
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	TRI-MIX ARGON
United Nations/north America 4 Digit Class Number:	1956
Chemical Abstract Service Identifier Number:	7440597
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Non-flammable Gas

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Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.2
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	ARGON
Physical Description:	GAS
Case Number:	7440371
Facility Id:	020132
Physical State Of The Substance:	3
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	3
Description Of The Unit Of Measure:	CUBIC FEET
Type Code:	L
Description:	CYLINDER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	ARGON
United Nations/north America 4 Digit Class Number:	1006
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON SDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Non-flammable Gas
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.2
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ARGON
United Nations/north America 4 Digit Class Number:	1006
Chemical Abstract Service Identifier Number:	7440371
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Non-flammable Gas

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Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	2.2
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	WASTE OIL
Physical Description:	LIQUID
Case Number:	Not reported
Facility Id:	020132
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	03
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	20-49
Most Hazardous Ingridient:	PETROLEUM HYDROCARBONS
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	WASTE OIL
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	Not reported
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Combustible Material

PORTLAND BOTTLING COMPANY (Continued) **U000433560**

Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	ASCORBIC ACID
Physical Description:	SOLID
Case Number:	50817
Facility Id:	020132
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	K
Description:	BOX
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	L-ASCORBIC ACID
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	1
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ASCORBIC ACID
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	50817
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material

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Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	TAURINE
Physical Description:	SOLID
Case Number:	107357
Facility Id:	020132
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	30
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	K
Description:	BOX
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	10,000-49,999
Most Hazardous Ingridient:	TAURINE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	TAURINE
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	107357
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard

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Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	MALTRIN M100
Physical Description:	SOLID
Case Number:	000000
Facility Id:	020132
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	J
Description:	BAG
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	MALTODEXTRIN
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	1
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	MALTRIN M100
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Combustible Material

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Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	SPLENDA
Physical Description:	LIQUID
Case Number:	56038132
Facility Id:	020132
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	03
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	N
Description:	PLASTIC BOTTLE, JUG, BUCKET
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	20-49
Most Hazardous Ingridient:	NONE LISTED ON MSDS
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	1
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	SPLENDA
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	56038132
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material

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Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	FAEB 897 LIQUID BLEND
Physical Description:	LIQUID
Case Number:	000000
Facility Id:	020132
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	30
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	E
Description:	PLASTIC OR NON-METALLIC DRUM
Type Code:	N
Temperature Description:	PLASTIC BOTTLE, JUG, BUCKET
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	10,000-49,999
Most Hazardous Ingridient:	PROPRIETARY
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	FAEB 897 LIQUID BLEND
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid

PORTLAND BOTTLING COMPANY (Continued) **U000433560**

Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	U
Contains EHS:	U
Fertilizer:	N
Pesticide:	N
Contains 313:	U

Chemical Name:	FAHH708 DRY BLEND
Physical Description:	SOLID
Case Number:	000000
Facility Id:	020132
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	30
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	K
Description:	BOX
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	10,000-49,999
Most Hazardous Ingridient:	PROPRIETARY
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	1
EHS Ingredient:	UNKNOWN
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	FAHH708 DRY BLEND
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Combustible Material

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Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	U
Contains EHS:	U
Fertilizer:	N
Pesticide:	N
Contains 313:	U

Chemical Name:	KOMBUCHA
Physical Description:	LIQUID
Case Number:	8028522
Facility Id:	020132
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	E
Description:	PLASTIC OR NON-METALLIC DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	ACETIC ACID
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	KOMBUCHA
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	8028522
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard

PORTLAND BOTTLING COMPANY (Continued) **U000433560**

Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	THERMO-CLEAN CLEANER
Physical Description:	LIQUID
Case Number:	000000
Facility Id:	020132
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	E
Description:	PLASTIC OR NON-METALLIC DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	NONE LISTED ON MSDS
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	1
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	THERMO-CLEAN CLEANER
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material

PORTLAND BOTTLING COMPANY (Continued) **U000433560**

Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	PFC-99
Physical Description:	LIQUID
Case Number:	141435
Facility Id:	020132
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	E
Description:	PLASTIC OR NON-METALLIC DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	MONETHANOLAMINE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	PFC-99
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	141435
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard

PORTLAND BOTTLING COMPANY (Continued) **U000433560**

Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	NEKUTL METLIN
Physical Description:	SOLID
Case Number:	9005805
Facility Id:	020132
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	J
Description:	BAG
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	INULIN
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	1
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	NEKUTL METLIN
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	9005805
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material

PORTLAND BOTTLING COMPANY (Continued) **U000433560**

Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	TRI-SODIUM PHOSPHATE
Physical Description:	SOLID
Case Number:	7601549
Facility Id:	020132
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	J
Description:	BAG
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	TRISODIUM PHOSPHATE
United Nations/north America 4 Digit Class Number:	3262
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	TRI-SODIUM PHOSPHATE
United Nations/north America 4 Digit Class Number:	3262
Chemical Abstract Service Identifier Number:	7601549
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Corrosive Material

PORTLAND BOTTLING COMPANY (Continued) **U000433560**

Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CARBON DIOXIDE
Physical Description:	GAS
Case Number:	124389
Facility Id:	020132
Physical State Of The Substance:	3
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	21
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5,000-9,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	CARBON DIOXIDE
United Nations/north America 4 Digit Class Number:	1013
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Non-flammable Gas
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	2.2
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CARBON DIOXIDE
United Nations/north America 4 Digit Class Number:	1013
Chemical Abstract Service Identifier Number:	124389
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard

PORTLAND BOTTLING COMPANY (Continued) **U000433560**

Second Hazardous Class Code For Chemical:	Non-flammable Gas
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	2.2
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CITRIC ACID
Physical Description:	SOLID
Case Number:	77929
Facility Id:	020132
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	30
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	J
Description:	BAG
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	10,000-49,999
Most Hazardous Ingridient:	CITRIC ACID
United Nations/north America 4 Digit Class Number:	1759
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CITRIC ACID
United Nations/north America 4 Digit Class Number:	1759
Chemical Abstract Service Identifier Number:	77929
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard

PORTLAND BOTTLING COMPANY (Continued) **U000433560**

Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CORN SYRUP HIGH FRUCTOSE
Physical Description:	LIQUID
Case Number:	Not reported
Facility Id:	020132
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	21
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5,000-9,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	NONE
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	1
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CORN SYRUP HIGH FRUCTOSE
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	Not reported
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material

PORTLAND BOTTLING COMPANY (Continued) **U000433560**

Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	DEXTROSE
Physical Description:	SOLID
Case Number:	50997
Facility Id:	020132
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	30
Max Amt Possessed During Year CD:	31
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	J
Description:	BAG
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50,000-99,999
Description Of The Avg Qnty Code:	10,000-49,999
Most Hazardous Ingridient:	DEXTROSE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	1
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	DEXTROSE
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	50997
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Combustible Material

PORTLAND BOTTLING COMPANY (Continued) **U000433560**

Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	DTE OIL HEAVY
Physical Description:	LIQUID
Case Number:	64742547
Facility Id:	020132
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	MINERAL OIL
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	DTE OIL HEAVY
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	64742547
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Combustible Material

PORTLAND BOTTLING COMPANY (Continued) **U000433560**

Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

CW341 **HEATING OIL TANK** **OR LUST** **S110048155**
NE **235 SE 20TH AVE** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.468 mi.
2473 ft. **Site 1 of 4 in cluster CW**

Relative:
Higher

Actual:
132 ft.

LUST:

Region:	North Western Region
Facility ID:	26-09-0787
Cleanup Received Date:	08/19/2009
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**10/28/2009**
Decode for Region:	**North West Region**

CX342 **HEATING OIL TANK** **OR LUST** **S112059136**
SSE **1818 SE LADD AVE** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.470 mi.
2481 ft. **Site 1 of 3 in cluster CX**

Relative:
Lower

Actual:
53 ft.

LUST:

Region:	North Western Region
Facility ID:	26-12-0340
Cleanup Received Date:	04/05/2012
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**06/20/2012**
Decode for Region:	**North West Region**

CM343 **HEATING OIL TANK** **OR LUST** **S107135364**
South **1816 SE 12TH AVE** **N/A**
1/4-1/2 **PORTLAND, OR 97204**
0.471 mi.
2486 ft. **Site 2 of 3 in cluster CM**

Relative:
Lower

Actual:
48 ft.

LUST:

Region:	North Western Region
Facility ID:	26-05-1211
Cleanup Received Date:	06/08/2005
Cleanup Start Date:	06/09/2005
Cleanup Complete Date:	**04/06/2006**

HEATING OIL TANK (Continued) **S107135364**

Decode for Region: **North West Region**

CY344 **HEATING OIL TANK** **OR LUST** **S104658756**
East **2115 SE YAMHILL** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.471 mi.
2486 ft. **Site 1 of 2 in cluster CY**

Relative:
Higher

Actual:
123 ft.

LUST:

Region:	North Western Region
Facility ID:	26-00-5727
Cleanup Received Date:	08/31/2000
Cleanup Start Date:	08/31/2000
Cleanup Complete Date:	**10/02/2000**
Decode for Region:	**North West Region**

CZ345 **1706 E BURNSIDE** **OR ECSI** **S121944261**
NE **1706 E BURNSIDE** **OR VCP** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.471 mi.
2489 ft. **Site 1 of 3 in cluster CZ**

Relative:
Higher

Actual:
133 ft.

ECSI:

State ID Number:	6271
Brown ID:	0
Study Area:	False
Region ID:	2
Legislatve ID:	0
Investigation:	No Further Action
FACA ID:	150355
Further Action:	0
Lat/Long (dms):	45 31 21.00 / -122 38 53.90
County Code:	26.00
Score Value:	Not reported
Cerclis ID:	Not reported
Township Coord.:	1.00
Township Zone:	N
Range Coord:	1.00
Range Zone:	E
Section Coord:	35
Qtr Section:	DC
Tax Lots:	700;2900
Size:	16,000 sq. ft-both
NPL:	False
Orphan:	False
Updated By:	MPUGH
Update Date:	05/24/2018
Created Date:	04/16/2018
Decode For RegionID:	Northwest Region
Decode For BrownID:	Not reported
Decode For Furtheract:	Not reported
Decode For Investstat:	No Further Action
Decode For Legislative:	Not reported

Narrative:

NARR ID:	5757140
NARR Code:	Contamination

1706 E BURNSIDE (Continued) **S121944261**

Created By: MPUGH
Created Date: 05/01/2018
Updated By: MPUGH
Updated Date: 05/01/2018
Decode for NarcdID: Contamination
NARR Comments: A Phase II investigation was completed in 2006. Twenty soil borings were completed across the site, including exterior and interior borings. Twenty-two samples were submitted for NWTPH-HCID analyses. Hydrocarbons were detected in only two borings. Motor oil-range hydrocarbons, consistent with hydraulic fluid, were detected in two of four borings advanced near the three interior hoists. These samples were further analyzed by NWTPH-Dx and yielded diesel-range concentrations of 12,000 milligrams per kilogram (mg/kg) and 22,000 mg/kg, and heavy oil- range concentrations of 14,000 mg/kg and 21,000, respectively. Petroleum hydrocarbons were not detected in samples collected near the ends of each UST. Based on the Phase II results, the two USTs and three hydraulic hoists were removed. DEQ staff observed the UST removals, and no additional testing or soil removal was deemed necessary. Five additional borings were advanced in the hoist area. Testing results showed 40,000 mg/kg diesel range hydrocarbons and 10,000 heavy oil-range hydrocarbons at a depth of 10 feet, but no contamination at 15 feet below ground surface, indicating the contamination was localized around the hoists at depths between 10 and 15 feet, well above the estimated shallow groundwater depth of 40 feet. The most highly impacted sample also was tested for volatile organic compounds (VOCs), polycyclic aromatic hydrocarbons (PAHs), selected metals, and polychlorinated bi-phenyls (PCBs). Low levels or non-detect results were reported. Diesel-range concentrations in soil are above DEQ risk-based concentrations (RBCs)for residential and occupational exposure. Given the current site use, and depth of contamination (10 feet), direct contact by residents, and occupational or construction workers is not a complete exposure pathway. The excavation worker exposure scenario is applicable, but the DEQ risk-based concentration (RBC) for this pathway is >Csat , indicating its RBC is calculated as greater than 1,000,000 mg/kg or 1,000,000 mg/L. Therefore, diesel-range hydrocarbon is deemed not to pose risks in this scenario under current conditions. All other detected contaminants are well below applicable DEQ RBCs for residential or occupational use, with the exception of arsenic, which is above its RBC but consistent with naturally occurring concentrations in soil. There is no DEQ RBC for heavy range oil. Because VOCs, PAHs, metals and PCBs were not detected above their respective RBCs in the worst-case sample, a screening using diesel range petroleum protocols is acceptable, and based on the discussion above, suggests the risk from heavy oil is low.

NARR ID: 5757138
NARR Code: General Site Description
Created By: MPUGH
Created Date: 05/01/2018
Updated By: MPUGH
Updated Date: 05/01/2018
Decode for NarcdID: General Site Description
NARR Comments: The Site consists of two tax lots covering about 16,000 square feet. A building completely covers the northern tax lot, and the smaller southern lot is used for parking. The Site property is identified by

1706 E BURNSIDE (Continued) **S121944261**

Multnomah County as State ID 1N1E35DC -00700 and -02900.

NARR ID: 5757141
NARR Code: Land Use (Current/Reasonably Likely)
Created By: MPUGH
Created Date: 05/01/2018
Updated By: MPUGH
Updated Date: 05/01/2018
Decode for NarcdID: Land Use (Current/Reasonably Likely)
NARR Comments: The Site property is zoned Storefront Commercial (CS) by the City of Portland. The CS zone is intended to preserve and enhance older commercial areas that have a storefront character. The zone allows a full range of retail, service and business uses with a local and regional market area. Residential use is allowed. Residential development, if it were to occur, would likely be second-story and higher apartments or condominiums, consistent with DEQ s urban residential exposure scenario.

NARR ID: 5757175
NARR Code: Remedial Action
Created By: MPUGH
Created Date: 05/24/2018
Updated By: MPUGH
Updated Date: 05/24/2018
Decode for NarcdID: Remedial Action
NARR Comments: MTPugh 5/24/18 The Site consists of two tax lots covering about 16,000 square feet. A building completely covers the northern tax lot, and the smaller southern lot is used for parking. The southern lot was developed for residential use by 1909. All structures were removed from the southern lot by 1970, and it has been used for parking since then. The northern property was developed as a filling station as early as 1915, based on City of Portland plumbing records. The existing building was constructed in 1948 and contained two interior catch basins, referred to as sumps on the plumbing permit diagram. Various auto-related businesses operated until at least 1996, most recently the Tire Factory. The site has been in commercial retail use since 2006, and current tenants include a day care center, tattoo parlor and restaurant. A Phase I Environmental Assessment Report was prepared by Evren Northwest, Inc. in 2005. Two underground storage tanks (USTs), observations of a parts cleaner, several drums and oil staining on the floor in the building interior, and damaged vehicles parked in the yard were listed as recognized environmental concerns. The USTs included a 500-gallon waste oil UST located beneath the sidewalk on the west side of the property, and a 1000-gallon diesel heating oil tank near the southeast corner of the building. The heating oil tank was decommissioned in January 2006 (File No. HOTD-15282). A Phase II investigation was completed in 2006. Twenty soil borings were completed across the site, including exterior and interior borings. Twenty-two samples were submitted for NWTPH-HCID analyses. Hydrocarbons were detected in only two borings. Motor oil-range hydrocarbons, consistent with hydraulic fluid, were detected in two of four borings advanced near the three interior hoists. These samples were further analyzed by NWTPH-Dx and yielded diesel-range concentrations of 12,000 milligrams per kilogram (mg/kg) and 22,000 mg/kg, and heavy oil- range concentrations of 14,000 mg/kg and 21,000, respectively. Petroleum hydrocarbons were not detected in samples collected near the ends of each UST. Based on the Phase II

1706 E BURNSIDE (Continued) **S121944261**

results, the two USTs and three hydraulic hoists were removed. DEQ staff observed the UST removals, and no additional testing or soil removal was deemed necessary. Five additional borings were advanced in the hoist area. Testing results showed 40,000 mg/kg diesel range hydrocarbons and 10,000 heavy oil-range hydrocarbons at a depth of 10 feet, but no contamination at 15 feet below ground surface, indicating the contamination was localized around the hoists at depths between 10 and 15 feet, well above the estimated shallow groundwater depth of 40 feet. The most highly impacted sample also was tested for volatile organic compounds (VOCs), polycyclic aromatic hydrocarbons (PAHs), selected metals, and polychlorinated bi-phenyls (PCBs). Low levels or non-detect results were reported. Diesel-range concentrations in soil are above DEQ risk-based concentrations (RBCs) for residential, occupational and construction worker exposure scenarios. Given the current site use, and depth of contamination (10 feet), direct contact by residents, and occupational or construction workers is not a complete exposure pathway. The excavation worker exposure scenario is applicable, but the DEQ risk-based concentration (RBC) for this pathway is >Max , indicating its RBC is calculated as greater than 1,000,000 mg/kg or 1,000,000 mg/L. Therefore, diesel-range hydrocarbon is deemed not to pose risks in this scenario under current conditions. All other detected contaminants are well below applicable DEQ RBCs for residential or occupational use, with the exception of arsenic, which is above its RBC but consistent with naturally occurring concentrations in soil. There is no DEQ RBC for heavy range oil. Because VOCs, PAHs, metals and PCBs were not detected above their respective RBCs in the worst-case sample, a screening using diesel range petroleum protocols is acceptable, and based on the discussion above, suggests the risk from heavy oil is low.

NARR ID: 5757142
NARR Code: Water Use (Current/Reasonably Likely)
Created By: MPUGH
Created Date: 05/01/2018
Updated By: MPUGH
Updated Date: 05/01/2018
Decode for NarcdID: Water Use (Current/Reasonably Likely)
NARR Comments: Water for the property and surrounding area is provided by the City of Portland. There is no indication that groundwater was affected by releases at the Site, and thus Site contamination has not affected beneficial water use.

NARR ID: 5757139
NARR Code: Site History
Created By: MPUGH
Created Date: 05/01/2018
Updated By: MPUGH
Updated Date: 05/01/2018
Decode for NarcdID: Site History
NARR Comments: The southern lot was developed for residential use by 1909. All structures were removed by 1970, and it has been a parking lot since. The northern property was developed as a filling station as early as 1915, based on City of Portland plumbing records. The existing building was constructed in 1948 and contained two interior catch basins, referred to as sumps on the plumbing permit diagram. Various auto-related businesses operated until at least 1996, most recently

1706 E BURNSIDE (Continued) **S121944261**

the Tire Factory. The site has been in commercial retail use since 2006, and current tenants include a day care center, tattoo parlor and restaurant.

Administrative Action:
Action ID: 9424
Region: Not reported
Complete Date: 04/16/2018
Rank Value: Not reported
Cleanup Flag: False
Created Date: 04/16/2018
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Administrative Action
Action Code Flag: False
Action: Site added to database
Further Action: Not reported
Comments: Not reported

Action ID: 9519
Region: 0
Complete Date: Not reported
Rank Value: Not reported
Cleanup Flag: False
Created Date: 04/16/2018
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Remedial Action
Action Code Flag: False
Action: VCS Waiting List
Further Action: 0
Comments: Not reported

Action ID: 9435
Region: Northwestern Region
Complete Date: 05/24/2018
Rank Value: Not reported
Cleanup Flag: False
Created Date: 04/30/2018
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Independent Cleanup Program
Further Action: 0
Comments: Not reported

Action ID: 9443
Region: Northwestern Region
Complete Date: 05/24/2018
Rank Value: Not reported
Cleanup Flag: True
Created Date: 05/24/2018
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: NO FURTHER STATE ACTION REQUIRED

1706 E BURNSIDE (Continued) **S121944261**

Further Action: 0
Comments: Not reported

VCS:
ECS Site ID: 6271
Facility Size: 16,000 sq. ft-both
Action: NO FURTHER STATE ACTION REQUIRED
Start Date: 05/24/2018
End Date: 05/24/2018
Facility Status: Completed
Program: VCP
Latitude: 45.5225
Longitude: -122.6483

CV346 **HEATING OIL TANK** **OR LUST** **S108572710**
WNW **204 SE OAK ST** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.472 mi.
2492 ft. **Site 2 of 2 in cluster CV**

Relative:
Lower

Actual:
39 ft.

LUST:
Region: North Western Region
Facility ID: 26-07-0152
Cleanup Received Date: 02/08/2007
Cleanup Start Date: Not reported
Cleanup Complete Date: 04/26/2007
Decode for Region: North West Region

DA347 **CONSOLIDATED ELEC. DISTRIBUTORS WAREHOUSE (FORMER)** **OR ECSI** **S112058059**
West **111-115 SE YAMHILL ST.** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.472 mi.
2492 ft. **Site 1 of 2 in cluster DA**

Relative:
Lower

Actual:
40 ft.

ECSI:
State ID Number: 5728
Brown ID: 0
Study Area: False
Region ID: 2
Legislatve ID: 0
Investigation: No Further Action
FACA ID: 124109
Further Action: 0
Lat/Long (dms): 45 30 58.30 / -122 39 51.50
County Code: 26.00
Score Value: Not reported
Cerclis ID: Not reported
Township Coord.: 1.00
Township Zone: S
Range Coord: 1.00
Range Zone: E
Section Coord: 3
Qtr Section: AA
Tax Lots: 5500 of T1S/R1E-S03AA
Size: 0.79 acres
NPL: False

CONSOLIDATED ELEC. DISTRIBUTORS WAREHOUSE (FORMER) (Continued) **S112058059**

Orphan: False
Updated By: GWISTAR
Update Date: 11/21/2012
Created Date: 06/07/2012
Decode For RegionID: Northwest Region
Decode For BrownID: Not reported
Decode For Furtheract: Not reported
Decode For Investstat: No Further Action
Decode For Legislative: Not reported
Alias Name: Consolidate Electrical Distributors
Alias Name: Driver Resources, LLC
Alias Name: Office Furniture Direct
Alias Name: Senvoy, LLC
Alias Name: ZoAn Management, Inc.

Narrative:
NARR ID: 5754173
NARR Code: Site Contacts
Created By: SFORTUN
Created Date: 08/28/2012
Updated By: SFORTUN
Updated Date: 08/28/2012
Decode for NarcdID: Site Contacts
NARR Comments: Gerald E. Brazie, Manager TKM Investment Properties, LLC P.O. Box 14607 Portland, Oregon 97293 503-239-7666 David E. Grein, Registered Agent TKM Investment Properties, LLC 1030 SW Morrison Street Portland, OR 97205

NARR ID: 5754047
NARR Code: Contamination
Created By: SFORTUN
Created Date: 06/07/2012
Updated By: SFORTUN
Updated Date: 11/13/2012
Decode for NarcdID: Contamination
NARR Comments: No known site contamination. The site was added to the ECSI database based on past operations and the discovery of PCB and PAH contamination in Willamette River sediments near a municipal stormsewer outfall that drains the site location. There was no visual evidence that stormwater catchbasin sediments contain PCB contamination. Subsurface soils near the site's former heating oil LUST may still contain residual petroleum and PAH contamination, although concentrations are believed to be below Risk Based standards (see LUST File #26-02-1215).

NARR ID: 5754086
NARR Code: Data Sources
Created By: SFORTUN
Created Date: 07/12/2012
Updated By: SFORTUN
Updated Date: 08/28/2012
Decode for NarcdID: Data Sources
NARR Comments: Phase I Environmental Site Assessment, 111 and 115 SE Yambill Street, Portland, Oregon, PSS Project Number OR060531-1, prepared for Borrego Springs Bank, by Point Source Solutions, LLC, June 15, 2006. Field and Data Report, Downtown Portland Sediment Characterization, Willamette River, Oregon, prepared for the Oregon Department of Environmental Quality, by GSI Water Solutions, Inc., January 2009.

CONSOLIDATED ELEC. DISTRIBUTORS WAREHOUSE (FORMER) (Continued) **S112058059**

NARR ID: 5754174
NARR Code: General Site Description
Created By: SFORTUN
Created Date: 08/28/2012
Updated By: SFORTUN
Updated Date: 08/28/2012
Decode for NarcdID: General Site Description
NARR Comments: A 0.79 acre tax lot (Tax Lot 5500 of Township 1 South / Range 1 East Section 03AA) in SE Portland that occupies most of the city block bounded on the west by the Union Pacific Railroad (UPRR) Mainline Right-of-Way and vacated SE 1st Avenue, on the east by SE 2nd Avenue, on the north by SE Belmont Street, and on the south by SE Yamhill Street. The site is occupied by a trapezoidal, 22,500 square foot, commercial warehouse structure located on the northern 2/3 of the tax lot, with an attached, square, 3,200 square foot, two-story office structure on the southeast corner of the lot. A blacktop-paved parking area, with access to two of the warehouse s overhead loading dock doors, occupies the remaining, southwestern + of the site. Additional overhead loading dock doors are located along the warehouse s eastern, northern, and western exterior walls. An approximate 8-foot wide, 60-foot long landscaping strip lies along the western edge of the parking lot. Jersey barriers and chain-link fencing separate the landscaped strip from vacated SE 1st Avenue and the UPRR Right-of-Way.

NARR ID: 5754175
NARR Code: Hazardous Substance/Waste Types
Created By: SFORTUN
Created Date: 08/28/2012
Updated By: SFORTUN
Updated Date: 08/28/2012
Decode for NarcdID: Hazardous Substance/Waste Types
NARR Comments: Potential Contaminants of Concern: PCBs and PAHs.

NARR ID: 5754176
NARR Code: Project Issues Summary
Created By: SFORTUN
Created Date: 08/28/2012
Updated By: SFORTUN
Updated Date: 11/13/2012
Decode for NarcdID: Project Issues Summary
NARR Comments: A June 2006 site reconnaisance by Point Source Solutions LLC (Phase I Environmental Site Assessment) found no obvious evidence of hazardous substance releases at the site or on the adjoining UPRR Right-of-Way. A heating oil was released was discovered at a LUST along the site's southern property line (LUST #26-06-1215) in 2006. The tank appears to have been decommissioned in place with no indication of a soil cleanup. DEQ closed the LUST site in September 2006. The LUST file should be examined to to verify that soils at the tank site were analyzed for PAH contamination.

NARR ID: 5754177
NARR Code: Land Use (Current/Reasonably Likely)
Created By: SFORTUN
Created Date: 08/28/2012
Updated By: SFORTUN
Updated Date: 08/28/2012

CONSOLIDATED ELEC. DISTRIBUTORS WAREHOUSE (FORMER) (Continued) **S112058059**

Decode for NarcdID: Land Use (Current/Reasonably Likely)
NARR Comments: The site is currently used for commercial purposes, and is located in an area of commercial and light industrial use. Land use is unlikely to change in the near future.

NARR ID: 5754178
NARR Code: Site Location
Created By: SFORTUN
Created Date: 08/28/2012
Updated By: SFORTUN
Updated Date: 08/28/2012
Decode for NarcdID: Site Location
NARR Comments: The site is located in SE Portland, along the north side of SE Yamhill Street, and along the south edge of an elevated exit ramp from Interstate Highway 5 and an elevated ramp (SE Belmont Street) to the Morrison Bridge. The Willamette River lies 775 feet to the west; SE M.L. King, Jr. Blvd. lies 775 feet to the east.

NARR ID: 5754179
NARR Code: Manner of Release
Created By: SFORTUN
Created Date: 08/28/2012
Updated By: SFORTUN
Updated Date: 11/13/2012
Decode for NarcdID: Manner of Release
NARR Comments: Accumulated sediments within the site's stormwater catchbasins have not been analyzed to determine if PCBs may have been released to local stormsewer mains, although a June 2006 Level I Assessment of the facility found no visual evidence of releases. An historic heating oil tank along the site's southern property line leaked heating oil to subsurface soils. The site's LUST file should be examined if there is any question about the concentrations of residual PAHs in subsurface soils.

NARR ID: 5754180
NARR Code: Media Contamination
Created By: SFORTUN
Created Date: 08/28/2012
Updated By: SFORTUN
Updated Date: 08/28/2012
Decode for NarcdID: Media Contamination
NARR Comments: Potential contamination of stormsewer catchbasin sediments with PCBs. Potential PAH contamination in subsurface soils at the site's former LUST site.

NARR ID: 5754088
NARR Code: Site Ownership
Created By: SFORTUN
Created Date: 07/12/2012
Updated By: SFORTUN
Updated Date: 08/28/2012
Decode for NarcdID: Site Ownership
NARR Comments: Current site owner (since July 21, 2006) is TKM Investment Properties, LLC. Gerald E. Brazie, Manager TKM Investment Properties, LLC P.O. Box 14607 Portland, Oregon 97293 503-239-7666 Prior site owners include Belmont Partners, LLC, and Morrison Street, LLC.

CONSOLIDATED ELEC. DISTRIBUTORS WAREHOUSE (FORMER) (Continued) **S112058059**

NARR ID: 5754181
NARR Code: Project Activity Status
Created By: SFORTUN
Created Date: 08/28/2012
Updated By: SFORTUN
Updated Date: 11/13/2012
Decode for NarcdID: Project Activity Status
NARR Comments: A state screening was completed for the site in August 2012. DEQ issued a No Further Action decision for the site in November 2012.

NARR ID: 5754183
NARR Code: Pathways Other Hazards
Created By: SFORTUN
Created Date: 08/28/2012
Updated By: SFORTUN
Updated Date: 08/28/2012
Decode for NarcdID: Pathways & Other Hazards
NARR Comments: Site stormwater drains to the Willamette River both upstram and downstream from the Morrison Bridge, at City Outfalls #35 and #36, Oregon Highway Division outfall WR#316, and possibly Oregon Highway Division outfall WR#315. Contaminants reaching the river via stormsewers could represent an ecological risk for the river's aquatic life, and a potential human health risk for individuals consuming fish caught from the river. Subsurface soils at a former LUST along the site's southern property line may be contaminated with petroleum and PAHs. If present, elevated PAH concentrations could represent a potential direct dermal contact risk for future utility trench workers or construction workers.

NARR ID: 5754089
NARR Code: Remedial Action
Created By: SFORTUN
Created Date: 07/12/2012
Updated By: SFORTUN
Updated Date: 11/13/2012
Decode for NarcdID: Remedial Action
NARR Comments: Point Source Solutions, LLC conducted a visual reconnaisance inspection of the site in June 2006 as part of its Phase I Environmental Site Assessment for Borrego Springs Bank. Point Source Solutions observed no Recognized Environmental Conditions (RECs) during its site inspection. A leaking heating oil UST was investigated along the site's southern property line in 2006 (LUST #26-06-1215). The tank was evidently decommissioned in place, apparently without the need for a soil cleanup. DEQ closed the LUST file in September 2006.

NARR ID: 5754185
NARR Code: Water Use (Current/Reasonably Likely)
Created By: SFORTUN
Created Date: 08/28/2012
Updated By: SFORTUN
Updated Date: 08/28/2012
Decode for NarcdID: Water Use (Current/Reasonably Likely)
NARR Comments: There are records of nine production wells within about 1/2 mile of the site, although only two appear to be located cross-gradient, or downgradient, from the site. The nearest well appears to be located directly across SW Belmont Street from the site. Current use of that

CONSOLIDATED ELEC. DISTRIBUTORS WAREHOUSE (FORMER) (Continued) **S112058059**

well is unknown, and it is unclear if the well even still exists. Current use of the eight remaining wells is also unknown. The nearest known drinking water supply well is located about 0.65-mile upgradient, and is unlikely to be affected by any potential on-site contamination. Local groundwater probably drains to the Willamette River and supplementallly supports aquatic life within the river.

NARR ID: 5754087
NARR Code: Site History
Created By: SFORTUN
Created Date: 07/12/2012
Updated By: SFORTUN
Updated Date: 11/13/2012
Decode for NarcdID: Site History
NARR Comments: 1889: undeveloped land 1901: depot for farm engines, threshers, and saw mill equipment; the facility had a forge (southern half of property undeveloped) 1909: Two warehouses storing machinery and agricultural implements (occupied entire property). 1924-1950: northern warehouse stored machinery (Feenaughty Machine Co., agricultural implements)(Gardner-Denver Co., road machinery); southern warehouse occupied by a fruit products company (Starr Fruit Products). 1950's: occupied by a transportation line (DeLapp), bulb company (Mt. Angel Bulb Co.), and machinery and engine manufacturing operations (Pioneer Engine Works; Four Wheel Drive Auto Co.; Roberts Bros.). In 1959-61, site buildings were demolished for construction of a nearby, elevated Morrison Bridge ramp / I-5 off-ramp. 1962: new commercial building constructed on the site. Early occupants of the existing commercial building included an electrical supplies distributor (Consolidated Electrical Distributors; 1970-74 through 2006; currently located at 2555 NW Nicolai Street, Portland), a commercial and industrial heating and air conditioning equipment distributor (Nor-Air, Inc.; 1965-70 through 1975-80; currently located across SE 2nd Avenue from the subject site), and wholesale rug and carpet companys (Walter DN&E Co. and Cascade Sales Co.; 1962 through 1965-70). 1990: a two-story affice building was added to the southeast corner of the property. A 2000-gallon underground heating oil tank was added to the site in 1945, although there are no records to indiacte whether, or not, the tank was ever removed. Site facilities are currently heated with natural gas. Through at least 1924, site facilities were steam-heated. 2006 - A Phase I Environmental Site Assessment was completed for the site by Point Source Solutions, LLC, prior to sale to TKMInvestment Properties, LLC. 2006 - A leak was discovered at the site's 2000-gallon heationg oil UST (LUST #26-02-1215). Up to 10,000 ppm diesel fuel and 15,000 ppm heating oil were detected in subsurface soils. The tank was evidently decommissioned in place without a soil cleanup since petroleum concentrations were below Risk Base standards.

NARR ID: 5754046
NARR Code: 1922
Created By: SFORTUN
Created Date: 06/07/2012
Updated By: GWISTAR
Updated Date: 07/18/2013
Decode for NarcdID: Current Site Summary Statement
NARR Comments: [Nov. 2012] This property was added to the ECSI database as a potential source of PCB contamination found in Willamette R.

CONSOLIDATED ELEC. DISTRIBUTORS WAREHOUSE (FORMER) (Continued) **S112058059**

sediments near a municipal outfall that drains the site area.

 No obvious indications of hazardous substance releases were observed during a June 2006 site reconnaisance, although accumulated sediments within site storm drains were not sampled or analyzed.

 A leaking underground heating oil tank (LUST #26-06-1215) was apparently decommissioned in place at the site in 2006. Soils near the tank were contaminated with diesel fuel and heating oil, but below Risk Based Concentrations. DEQ closed the LUST file in September 2006 and made a no-further-action decision for the site in Nov. 2012.

Administrative Action:

Action ID:	9424
Region:	Not reported
Complete Date:	06/07/2012
Rank Value:	Not reported
Cleanup Flag:	False
Created Date:	06/07/2012
Decode for AgencyID:	Department of Environmental Quality
Decode for RegionID:	Not reported
Category:	Administrative Action
Action Code Flag:	False
Action:	Site added to database
Further Action:	Not reported
Comments:	Not reported

Action ID:	9508
Region:	Northwestern Region
Complete Date:	06/07/2012
Rank Value:	Not reported
Cleanup Flag:	False
Created Date:	06/13/2012
Decode for AgencyID:	Department of Environmental Quality
Decode for RegionID:	Northwest Region
Category:	Remedial Action
Action Code Flag:	False
Action:	Site Screening recommended (EV)
Further Action:	0
Comments:	Not reported

Action ID:	9425
Region:	Northwestern Region
Complete Date:	08/28/2012
Rank Value:	Not reported
Cleanup Flag:	False
Created Date:	06/13/2012
Decode for AgencyID:	Department of Environmental Quality
Decode for RegionID:	Northwest Region
Category:	Remedial Action
Action Code Flag:	False
Action:	SITE EVALUATION
Further Action:	0
Comments:	Not reported

Action ID:	9449
Region:	Northwestern Region
Complete Date:	08/28/2012
Rank Value:	Not reported

CONSOLIDATED ELEC. DISTRIBUTORS WAREHOUSE (FORMER) (Continued) **S112058059**

Cleanup Flag: False
Created Date: 08/28/2012
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Listing Action
Action Code Flag: False
Action: Insufficient information to list
Further Action: 0
Comments: Not reported

Action ID: 9443
Region: Northwestern Region
Complete Date: 11/13/2012
Rank Value: Not reported
Cleanup Flag: False
Created Date: 11/13/2012
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: NO FURTHER STATE ACTION REQUIRED
Further Action: 0
Comments: Not reported

Operations:

Operation Id: 135909
Operation Status: Active
Common Name: Senvoy, LLC
Yrs of Operation: 2006 - present
Comments: Courier service
Updated Date: 07/12/2012
Updated By: SFORTUN
Decode for OpstatID: Active

Operation Id: 135910
Operation Status: Active
Common Name: ZoAn Management, Inc.
Yrs of Operation: 2006 - present
Comments: Office administrator
Updated Date: 07/12/2012
Updated By: SFORTUN
Decode for OpstatID: Active

Operation Id: 135911
Operation Status: Active
Common Name: Office Furniture Direct
Yrs of Operation: 2006 - present
Comments: Furniture sales.
Updated Date: 07/12/2012
Updated By: SFORTUN
Decode for OpstatID: Active

Operation Id: 135912
Operation Status: Active
Common Name: Driver Resources, LLC
Yrs of Operation: 2006 - present
Comments: Contreacted drivers
Updated Date: 07/12/2012

CONSOLIDATED ELEC. DISTRIBUTORS WAREHOUSE (FORMER) (Continued) **S112058059**

Updated By: SFORTUN
Decode for OpstatID: Active

Operation Id: 135915
Operation Status: Inactive
Common Name: Consolidate Electrical Distributors
Yrs of Operation: From about 1970-74 to about 2005-06
Comments: Distributor of electrical devices and equipment. May have handled PCB-containing equipment.
Updated Date: 08/28/2012
Updated By: SFORTUN
Decode for OpstatID: Inactive

DA348
West
1/4-1/2
0.472 mi.
2492 ft.

HEATING OIL TANK **OR LUST** **S108060445**
115 SE YAMHILL ST **N/A**
PORTLAND, OR 97214

Site 2 of 2 in cluster DA

Relative:
Lower

Actual:
40 ft.

LUST:
Region: North Western Region
Facility ID: 26-06-1215
Cleanup Received Date: 07/05/2006
Cleanup Start Date: 06/30/2006
Cleanup Complete Date: 09/13/2006
Decode for Region: North West Region

DB349
South
1/4-1/2
0.473 mi.
2496 ft.

HEATING OIL TANK **OR LUST** **S105463820**
1829 SE MULBERRY AVE **N/A**
PORTLAND, OR 97214

Site 1 of 2 in cluster DB

Relative:
Lower

Actual:
50 ft.

LUST:
Region: North Western Region
Facility ID: 26-02-5992
Cleanup Received Date: 05/28/2002
Cleanup Start Date: 05/28/2002
Cleanup Complete Date: 09/25/2002
Decode for Region: North West Region

DC350
NE
1/4-1/2
0.474 mi.
2501 ft.

HEATING OIL TANK **OR LUST** **S106777473**
1824 SE ANKENY **N/A**
PORTLAND, OR 97214

Site 1 of 2 in cluster DC

Relative:
Higher

Actual:
134 ft.

LUST:
Region: North Western Region
Facility ID: 26-04-2163
Cleanup Received Date: 10/28/2004
Cleanup Start Date: 10/24/2004
Cleanup Complete Date: 12/06/2004
Decode for Region: North West Region

351
South
1/4-1/2
0.475 mi.
2506 ft.

MERCHANTS MOTORCYCLE DELIVERY CO
1810 SE 10TH
PORTLAND, OR 97214

OR LUST
OR UST
OR HSIS

U000432712
N/A

Relative:
Lower

Actual:
49 ft.

LUST:

Region:	North Western Region
Facility ID:	26-92-0230
Cleanup Received Date:	08/07/1992
Cleanup Start Date:	08/31/1992
Cleanup Complete Date:	**05/28/1997**
Decode for Region:	**North West Region**

UST:

Facility ID:	10829
Facility Telephone:	(503)232-7141
Permittee Name:	JACK WRIGHT, PRESIDENT
Number of Permitted Tanks:	Not reported
Active Tanks:	Not reported
Decommissioned Tanks:	5
Number of Tanks:	5

HSIS:

Facility ID:	014306
Department Or Division Of Company:	Not reported
Extremely Hazardous Substance:	N
Facility Has Written Emergency Plan:	Y
Contains 112R:	N
NAICS Code 1:	423330
NAICS Desc 1:	ROOFING, SIDING, & INSULATION MATERIAL WH
NAICS Code 2:	000000
NAICS Desc 2:	Not reported
Manager Name:	GARY MCDONALD
Business Phone:	5032340528
Mailing Address:	1810 SE 10TH AVE
Mailing City:	PORTLAND
Mailing State:	OR
Mailing Zip:	97214
No. of Employees:	10
Day Phone:	5032340528
Placard:	N
Fire Dept Code:	0291
FD:	PORTLAND FIRE & RESCUE
Sprinkler System:	N
Emergency Contact:	GARY W MCDONALD
Emergency Procedure:	MGR'S OFC
Business Type:	BUILDING MATERIALS SALES
Facility Type:	Not reported
Division/Department:	Not reported
Facility Status:	Not reported
Status TRI:	Not reported
Status RMP:	Not reported
Status PSM:	Not reported
Status CR2K:	Not reported
Status 302:	Not reported
Owner Name:	Not reported
Latest Report ID:	Not reported

MERCHANTS MOTORCYCLE DELIVERY CO (Continued) **U000432712**

Case Number:	Not reported
Chemical Name:	Not reported
EHS Name:	Not reported
Is Pure:	Not reported
Is Mix:	Not reported
Is EHS:	Not reported
Mixture Component:	Not reported
Maximum DailyAmount Code:	Not reported
Maximum DailyAmount Unit:	Not reported
Chemical Added Date:	Not reported
Is ChemPSM:	Not reported
Is Chem112r:	Not reported
Is Chem302:	Not reported
Is Pesticide:	Not reported
Is Fertilizer:	Not reported
Physical State:	Not reported
UNNA Number:	Not reported
NFPA Health:	Not reported
NFPA Flammability:	Not reported
NFPA Reactivity:	Not reported
NFPA Special Notice:	Not reported
Hazards:	Not reported
No# of Days Onsite:	Not reported
Latitude:	Not reported
Longitude:	Not reported

Facility:

Chemical Name:	FIBERED ROOF MATERIAL
Physical Description:	LIQUID
Case Number:	64742887
Facility Id:	014306
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	F
Description:	CAN
Type Code:	E
Temperature Description:	PLASTIC OR NON-METALLIC DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	MINERAL SPIRITS
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True

MERCHANTS MOTORCYCLE DELIVERY CO (Continued) **U000432712**

First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	FIBERED ROOF MATERIAL
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	64742887
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Flammable and Combustible Liquid
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	3.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

CU352 **HEATING OIL TANK** **OR LUST** **S109204403**
SE **1550 SE POPLAR** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.475 mi.
2507 ft. **Site 3 of 3 in cluster CU**

Relative:
Higher

Actual:
79 ft.

LUST:

Region:	North Western Region
Facility ID:	26-08-0435
Cleanup Received Date:	04/21/2008
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**07/09/2008**
Decode for Region:	**North West Region**

CW353 **HEATING OIL TANK** **OR LUST** **S111332626**
ENE **2006 SE PINE ST** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.475 mi.
2509 ft. **Site 2 of 4 in cluster CW**

Relative:
Higher

Actual:
128 ft.

LUST:

Region:	North Western Region
Facility ID:	26-11-0909
Cleanup Received Date:	09/01/2011
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**09/19/2011**
Decode for Region:	**North West Region**

354
SW
1/4-1/2
0.476 mi.
2511 ft.

HEATING OIL TANK
307 SE HAWTHORNE
PORTLAND, OR 97214

OR LUST

S104042465
N/A

Relative:
Lower

Actual:
54 ft.

LUST:

Region:	North Western Region
Facility ID:	26-00-5553
Cleanup Received Date:	08/11/2000
Cleanup Start Date:	07/14/2000
Cleanup Complete Date:	**09/07/2000**
Decode for Region:	**North West Region**

CP355
NW
1/4-1/2
0.476 mi.
2513 ft.

SALVATION ARMY FACILITY
139 SE MARTIN LUTHER KING, JR. BLVD.
PORTLAND, OR 97214
Site 3 of 4 in cluster CP

OR CRL
OR ECSI
OR ENG CONTROLS
OR VCP
OR BROWNFIELDS

S110818319
N/A

Relative:
Lower

Actual:
51 ft.

CRL:

Facility ID:	5555
Location ID:	27607
Status Code:	LIS
Facility Status:	Consent Decree
Lat/Long:	45.522 / -122.6623

ECSI:

State ID Number:	5555
Brown ID:	Brownfield Site - DEQ Tech Assistance
Study Area:	False
Region ID:	2
Legislatve ID:	0
Investigation:	Listed on the CRL/Inventory
FACA ID:	27607
Further Action:	0
Lat/Long (dms):	45 31 19.00 / -122 39 44.25
County Code:	26.00
Score Value:	Not reported
Cerclis ID:	Not reported
Township Coord.:	1.00
Township Zone:	N
Range Coord:	1.00
Range Zone:	E
Section Coord:	34
Qtr Section:	DD
Tax Lots:	1800
Size:	0.64 acres
NPL:	False
Orphan:	False
Updated By:	GWISTAR
Update Date:	07/14/2014
Created Date:	03/23/2011
Decode For RegionID:	Northwest Region
Decode For BrownID:	Brownfield Site - DEQ Technical Assistance
Decode For Furtheract:	Not reported
Decode For Investstat:	Listed on the CRL/Inventory
Decode For Legislative:	Not reported
Alias Name:	Ash Street Development

SALVATION ARMY FACILITY (Continued) **S110818319**

Hazardous Release:
Substance ID.: 120781
Haz Release ID: 387964
Qty Released: unknown
Date Released: unknown
Update Date: 04/18/2012
Update By: KDANA
Substance Code: 100-41-4
Substance Name: ETHYLBENZENE
Substance Abbrev.: Not reported
Substance Category ID: 8515
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8515
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 316146
Sub Alias Name: ETHYLBENZOL
Substance Alias ID: 316147
Sub Alias Name: PHENYLETHANE
Comment ID: 305419
Release Code: Media Contamination Footnote
Release Comments: 2010 air sample = sub-slab vapor sample. 2012 air sample = soil gas sample
Decode for Relcomcd: Media Contamination Footnote
Comment ID: 305420
Release Code: Release Containment
Release Comments: Soil sample collected from B2. Sub-slab vapor sample from SUB05. Soil gas sample from SG03.
Decode for Relcomcd: Release Containment
Sampling Result ID: 350411
Feature Id: 0
Hazard Release Id: 387964
Medium: 697
Substance Abbrev.: 0
Unit Code: 95
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: sub-slab
Start Date: 12/02/2010
End Date: 12/02/2010
Min Concentration: Not reported
Max Concentration: 600.00
Sample Comment: up to 600 ug/m3
Last Update By: KDANA
Update Date: 04/18/2012
Decode for MediumID: Air
Sampling Result ID: 350412
Feature Id: 0
Hazard Release Id: 387964
Medium: 703
Substance Abbrev.: 0

SALVATION ARMY FACILITY (Continued) **S110818319**

Unit Code: 7
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: 5 ft bgs
Start Date: 12/07/2010
End Date: 12/07/2010
Min Concentration: Not reported
Max Concentration: 62.00
Sample Comment: up to 62 ppm
Last Update By: KDANA
Update Date: 04/18/2012
Decode for MediumID: Soil
Sampling Result ID: 350442
Feature Id: 0
Hazard Release Id: 387964
Medium: 697
Substance Abbrev.: 0
Unit Code: 95
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: 8 ft bgs
Start Date: 01/03/2012
End Date: 01/03/2012
Min Concentration: Not reported
Max Concentration: 23000.00
Sample Comment: up to 23,000 ug/m3
Last Update By: KDANA
Update Date: 06/19/2012
Decode for MediumID: Air

Substance ID.: 121868
Haz Release ID: 387965
Qty Released: unknown
Date Released: unknown
Update Date: 04/18/2012
Update By: KDANA
Substance Code: 91-20-3
Substance Name: NAPHTHALENE
Substance Abbrev.: Not reported
Substance Category ID: 8494
Substance Category: Semi-volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8494
Substance Category: Semi-volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 317793
Sub Alias Name: MOTH BALLS
Substance Alias ID: 317794
Sub Alias Name: NAPHTHENE
Substance Alias ID: 317795
Sub Alias Name: TAR CAMPHOR

SALVATION ARMY FACILITY (Continued) **S110818319**

Comment ID: 305424
Release Code: Media Contamination Footnote
Release Comments: Air sample = sub-slab vapor sample
Decode for Relcomcd: Media Contamination Footnote
Comment ID: 305425
Release Code: Release Containment
Release Comments: Soil sample collected from Boring B2. Sub-slab vapor sample collected from SUB05.
Decode for Relcomcd: Release Containment
Sampling Result ID: 350413
Feature Id: 0
Hazard Release Id: 387965
Medium: 697
Substance Abbrev.: 0
Unit Code: 95
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: sub-slab
Start Date: 12/02/2010
End Date: 12/02/2010
Min Concentration: Not reported
Max Concentration: 600.00
Sample Comment: up to 600 ug/m3
Last Update By: KDANA
Update Date: 04/18/2012
Decode for MediumID: Air
Sampling Result ID: 350414
Feature Id: 0
Hazard Release Id: 387965
Medium: 703
Substance Abbrev.: 0
Unit Code: 7
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: 5 ft bgs
Start Date: 12/07/2010
End Date: 12/07/2010
Min Concentration: Not reported
Max Concentration: 67.00
Sample Comment: up to 67 ppm
Last Update By: KDANA
Update Date: 04/18/2012
Decode for MediumID: Soil

Substance ID.: 121011
Haz Release ID: 387966
Qty Released: unknown
Date Released: unknown
Update Date: 04/18/2012
Update By: KDANA
Substance Code: 127-18-4
Substance Name: TETRACHLOROETHYLENE
Substance Abbrev.: Not reported
Substance Category ID: 8519
Substance Category: Volatiles

SALVATION ARMY FACILITY (Continued) **S110818319**

Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Substance Category ID:	8551
Substance Category:	Solvents of interest to Milwaukie Area GW study
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Substance Category ID:	8519
Substance Category:	Volatiles
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Substance Category ID:	8551
Substance Category:	Solvents of interest to Milwaukie Area GW study
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Substance Alias ID:	316912
Sub Alias Name:	ETHENE,TETRACHLORO-
Substance Alias ID:	316913
Sub Alias Name:	ETHYLENE TETRACHLORIDE
Substance Alias ID:	316914
Sub Alias Name:	PERCHLOROETHYLENE
Substance Alias ID:	316915
Sub Alias Name:	PERCLENE
Substance Alias ID:	316916
Sub Alias Name:	TETRACHLOROETHENE
Substance Alias ID:	316917
Sub Alias Name:	TETRACHLOROETHENE,1,1,2,2-
Substance Alias ID:	316918
Sub Alias Name:	TETRACHLOROETHYLENE,1,1,2,2-
Comment ID:	305427
Release Code:	Media Contamination Footnote
Release Comments:	2010 air sample = sub-slab vapor sample. 2012 air sample = soil gas sample
Decode for Relcomcd:	Media Contamination Footnote
Comment ID:	305428
Release Code:	Release Containment
Release Comments:	Soil sample collected from Boring B5. Sub-slab vapor sample collected from SUB05. Soil gas sample from SG03.
Decode for Relcomcd:	Release Containment
Comment ID:	305443
Release Code:	General Comments
Release Comments:	Also known as perchloroethylene or PCE
Decode for Relcomcd:	General Comments
Sampling Result ID:	350444
Feature Id:	0
Hazard Release Id:	387966
Medium:	697
Substance Abbrev.:	0
Unit Code:	95
Observation:	False
Owner Operator:	False
Lab Data:	True
Sample Depth:	8 ft bgs
Start Date:	01/03/2012

SALVATION ARMY FACILITY (Continued) **S110818319**

End Date: 01/03/2012
Min Concentration: Not reported
Max Concentration: 480.00
Sample Comment: up to 480 ug/m3
Last Update By: KDANA
Update Date: 06/25/2012
Decode for MediumID: Air
Sampling Result ID: 350415
Feature Id: 0
Hazard Release Id: 387966
Medium: 697
Substance Abbrev.: 0
Unit Code: 95
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: sub-slab
Start Date: 12/02/2010
End Date: 12/02/2010
Min Concentration: Not reported
Max Concentration: 2600.00
Sample Comment: up to 2,600 ug/m3
Last Update By: KDANA
Update Date: 04/18/2012
Decode for MediumID: Air
Sampling Result ID: 350416
Feature Id: 0
Hazard Release Id: 387966
Medium: 703
Substance Abbrev.: 0
Unit Code: 7
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: 2 ft bgs
Start Date: 12/07/2010
End Date: 12/07/2010
Min Concentration: Not reported
Max Concentration: .26
Sample Comment: up to 0.26 ppm
Last Update By: KDANA
Update Date: 04/18/2012
Decode for MediumID: Soil

Substance ID.: 121982
Haz Release ID: 387967
Qty Released: unknown
Date Released: unknown
Update Date: 04/18/2012
Update By: KDANA
Substance Code: ECD169
Substance Name: DIESEL - FUEL OIL
Substance Abbrev.: Not reported
Substance Category ID: 8529
Substance Category: Petroleum Related Releases for OSPIRG Report
Category Level: Not reported
Created By: Not reported

SALVATION ARMY FACILITY (Continued) **S110818319**

Created Date:	12/17/2002
Substance Category ID:	8529
Substance Category:	Petroleum Related Releases for OSPIRG Report
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Comment ID:	305416
Release Code:	Media Contamination Footnote
Release Comments:	Air sample = sub-slab vapor sample
Decode for Relcomcd:	Media Contamination Footnote
Comment ID:	305417
Release Code:	Release Containment
Release Comments:	Soil sample collected from Boring B5. Groundwater sample collected from Boring B17. Sub-slab vapor sample collected from SUB01.
Decode for Relcomcd:	Release Containment
Sampling Result ID:	350417
Feature Id:	0
Hazard Release Id:	387967
Medium:	697
Substance Abbrev.:	0
Unit Code:	95
Observation:	False
Owner Operator:	False
Lab Data:	True
Sample Depth:	sub-slab
Start Date:	12/02/2010
End Date:	12/02/2010
Min Concentration:	Not reported
Max Concentration:	43000.00
Sample Comment:	up to 43,000 ug/m3
Last Update By:	KDANA
Update Date:	04/18/2012
Decode for MediumID:	Air
Sampling Result ID:	350418
Feature Id:	0
Hazard Release Id:	387967
Medium:	703
Substance Abbrev.:	0
Unit Code:	7
Observation:	False
Owner Operator:	False
Lab Data:	True
Sample Depth:	2 ft bgs
Start Date:	12/07/2010
End Date:	12/07/2010
Min Concentration:	Not reported
Max Concentration:	11000.00
Sample Comment:	up to 11,000 ppm
Last Update By:	KDANA
Update Date:	04/18/2012
Decode for MediumID:	Soil
Sampling Result ID:	350439
Feature Id:	0
Hazard Release Id:	387967
Medium:	698
Substance Abbrev.:	0
Unit Code:	8

SALVATION ARMY FACILITY (Continued) **S110818319**

Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: 23 ft bgs
Start Date: 12/22/2011
End Date: 12/22/2011
Min Concentration: Not reported
Max Concentration: 1500.00
Sample Comment: up to 1,500 ppb
Last Update By: KDANA
Update Date: 06/19/2012
Decode for MediumID: Groundwater

Substance ID.: 121983
Haz Release ID: 387968
Qty Released: unknown
Date Released: unknown
Update Date: 04/18/2012
Update By: KDANA
Substance Code: ECD173
Substance Name: GASOLINE
Substance Abbrev.: Not reported
Substance Category ID: 8530
Substance Category: Petroleum Related Releases for OSPIRG Report
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8530
Substance Category: Petroleum Related Releases for OSPIRG Report
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Comment ID: 305422
Release Code: Release Containment
Release Comments: Soil samples collected from B2 (2010) and B17 (2011). Groundwater sample from B17. Soil gas sample from SG03.
Decode for Relcomcd: Release Containment
Comment ID: 305438
Release Code: Media Contamination Footnote
Release Comments: Air sample = soil gas sample
Decode for Relcomcd: Media Contamination Footnote
Sampling Result ID: 350419
Feature Id: 0
Hazard Release Id: 387968
Medium: 703
Substance Abbrev.: 0
Unit Code: 7
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: 5 ft bgs
Start Date: 12/07/2010
End Date: 12/07/2010
Min Concentration: Not reported
Max Concentration: 1100.00
Sample Comment: up to 1,100 ppm
Last Update By: KDANA

SALVATION ARMY FACILITY (Continued) **S110818319**

Update Date:	04/18/2012
Decode for MediumID:	Soil
Sampling Result ID:	350437
Feature Id:	0
Hazard Release Id:	387968
Medium:	703
Substance Abbrev.:	0
Unit Code:	7
Observation:	False
Owner Operator:	False
Lab Data:	True
Sample Depth:	14 ft bgs
Start Date:	12/22/2011
End Date:	12/22/2011
Min Concentration:	Not reported
Max Concentration:	6300.00
Sample Comment:	up to 6,300 ppm
Last Update By:	KDANA
Update Date:	06/19/2012
Decode for MediumID:	Soil
Sampling Result ID:	350438
Feature Id:	0
Hazard Release Id:	387968
Medium:	698
Substance Abbrev.:	0
Unit Code:	8
Observation:	False
Owner Operator:	False
Lab Data:	True
Sample Depth:	23 ft bgs
Start Date:	12/22/2011
End Date:	12/22/2011
Min Concentration:	Not reported
Max Concentration:	1100.00
Sample Comment:	up to 1,100 ppb
Last Update By:	KDANA
Update Date:	06/19/2012
Decode for MediumID:	Groundwater
Sampling Result ID:	350441
Feature Id:	0
Hazard Release Id:	387968
Medium:	697
Substance Abbrev.:	0
Unit Code:	95
Observation:	False
Owner Operator:	False
Lab Data:	True
Sample Depth:	8 ft bgs
Start Date:	01/03/2012
End Date:	01/03/2012
Min Concentration:	Not reported
Max Concentration:	17000000.00
Sample Comment:	up to 17,000,000 ug/m3
Last Update By:	KDANA
Update Date:	06/19/2012
Decode for MediumID:	Air

SALVATION ARMY FACILITY (Continued) **S110818319**

Substance ID.: 122085
Haz Release ID: 387983
Qty Released: unknown
Date Released: unknown
Update Date: 06/19/2012
Update By: KDANA
Substance Code: 8052-41-3
Substance Name: STODDARD SOLVENTS
Substance Abbrev.: Not reported
Comment ID: 305436
Release Code: Release Containment
Release Comments: Sample collected from Boring B17
Decode for Relcomcd: Release Containment
Comment ID: 305437
Release Code: General Comments
Release Comments: Stoddard solvent is a petroleum-based dry cleaning solvent
Decode for Relcomcd: General Comments
Sampling Result ID: 350440
Feature Id: 0
Hazard Release Id: 387983
Medium: 703
Substance Abbrev.: 0
Unit Code: 7
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: 14 ft bgs
Start Date: 12/22/2011
End Date: 12/22/2011
Min Concentration: Not reported
Max Concentration: 11000.00
Sample Comment: up to 11,000 ppm
Last Update By: KDANA
Update Date: 06/19/2012
Decode for MediumID: Soil

Substance ID.: 121608
Haz Release ID: 387984
Qty Released: unknown
Date Released: unknown
Update Date: 06/19/2012
Update By: KDANA
Substance Code: 71-43-2
Substance Name: BENZENE
Substance Abbrev.: Not reported
Substance Category ID: 8502
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8502
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 319178
Sub Alias Name: BENZOL

SALVATION ARMY FACILITY (Continued) **S110818319**

Substance Alias ID: 319179
Sub Alias Name: COAL NAPTHA
Substance Alias ID: 319180
Sub Alias Name: CYCLOHEXATRIENE
Substance Alias ID: 319181
Sub Alias Name: PHENE
Substance Alias ID: 319182
Sub Alias Name: PYROBENZOL
Comment ID: 305439
Release Code: Release Containment
Release Comments: Soil gas sample collected from SG03
Decode for Relcomcd: Release Containment
Comment ID: 305440
Release Code: Media Contamination Footnote
Release Comments: Air sample = soil gas sample
Decode for Relcomcd: Media Contamination Footnote
Sampling Result ID: 350443
Feature Id: 0
Hazard Release Id: 387984
Medium: 697
Substance Abbrev.: 0
Unit Code: 95
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: 8 ft bgs
Start Date: 01/03/2012
End Date: 01/03/2012
Min Concentration: Not reported
Max Concentration: 4100.00
Sample Comment: up to 4,100 ug/m3
Last Update By: KDANA
Update Date: 06/19/2012
Decode for MediumID: Air

Substance ID.: 121912
Haz Release ID: 387986
Qty Released: unknown
Date Released: unknown
Update Date: 06/25/2012
Update By: KDANA
Substance Code: 95-63-6
Substance Name: TRIMETHYLBENZENE,1,2,4-
Substance Abbrev.: Not reported
Substance Alias ID: 317959
Sub Alias Name: BENZENE,1,2,5-TRIMETHYL-
Substance Alias ID: 317960
Sub Alias Name: CUMENE,psi-
Substance Alias ID: 317961
Sub Alias Name: PSEUDOCUMENE
Substance Alias ID: 317962
Sub Alias Name: PSEUDOCUMOL
Substance Alias ID: 317963
Sub Alias Name: TRIMETHYLBENZENE,asym-
Comment ID: 305441
Release Code: Media Contamination Footnote
Release Comments: 2010 air sample = sub-slab vapor sample. 2012 air sample = soil gas

SALVATION ARMY FACILITY (Continued) **S110818319**

	sample
Decode for Relcomcd:	Media Contamination Footnote
Comment ID:	305442
Release Code:	Release Containment
Release Comments:	Soil sample collected from B2. Sub-slab vapor sample from SUB05. Soil gas sample from SG03.
Decode for Relcomcd:	Release Containment
Sampling Result ID:	350445
Feature Id:	0
Hazard Release Id:	387986
Medium:	697
Substance Abbrev.:	0
Unit Code:	95
Observation:	False
Owner Operator:	False
Lab Data:	True
Sample Depth:	sub-slab
Start Date:	12/02/2010
End Date:	12/02/2010
Min Concentration:	Not reported
Max Concentration:	16000.00
Sample Comment:	up to 16,000 ug/m3
Last Update By:	KDANA
Update Date:	06/25/2012
Decode for MediumID:	Air
Sampling Result ID:	350446
Feature Id:	0
Hazard Release Id:	387986
Medium:	703
Substance Abbrev.:	0
Unit Code:	7
Observation:	False
Owner Operator:	False
Lab Data:	True
Sample Depth:	5 ft bgs
Start Date:	12/07/2010
End Date:	12/07/2010
Min Concentration:	Not reported
Max Concentration:	280.00
Sample Comment:	up to 280 ppm
Last Update By:	KDANA
Update Date:	06/25/2012
Decode for MediumID:	Soil
Sampling Result ID:	350447
Feature Id:	0
Hazard Release Id:	387986
Medium:	697
Substance Abbrev.:	0
Unit Code:	95
Observation:	False
Owner Operator:	False
Lab Data:	True
Sample Depth:	8 ft bgs
Start Date:	01/03/2012
End Date:	01/03/2012
Min Concentration:	Not reported
Max Concentration:	9500.00

SALVATION ARMY FACILITY (Continued) **S110818319**

Sample Comment: up to 9,500 ug/m3
Last Update By: KDANA
Update Date: 06/25/2012
Decode for MediumID: Air

Substance ID.: 121051
Haz Release ID: 388183
Qty Released: unknown
Date Released: unknown
Update Date: 11/27/2013
Update By: KDANA
Substance Code: 1330-20-7
Substance Name: XYLENEs
Substance Abbrev.: Not reported
Substance Category ID: 8526
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8526
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 317017
Sub Alias Name: DIMETHYLBENZENEs
Substance Alias ID: 317018
Sub Alias Name: XYLOLs
Comment ID: 305613
Release Code: Media Contamination Footnote
Release Comments: 2010 air sample = sub-slab vapor sample. 2012 air sample = soil gas sample
Decode for Relcomcd: Media Contamination Footnote
Comment ID: 305614
Release Code: Release Containment
Release Comments: Soil sample collected from B2. Sub-slab vapor sample from SUB05. Soil gas sample from SG03.
Decode for Relcomcd: Release Containment
Sampling Result ID: 350652
Feature Id: 0
Hazard Release Id: 388183
Medium: 697
Substance Abbrev.: 0
Unit Code: 95
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: sub-slab
Start Date: 12/02/2010
End Date: 12/02/2010
Min Concentration: Not reported
Max Concentration: 16900.00
Sample Comment: up to 16,900 ug/m3
Last Update By: KDANA
Update Date: 11/27/2013
Decode for MediumID: Air
Sampling Result ID: 350653

SALVATION ARMY FACILITY (Continued) **S110818319**

Feature Id: 0
Hazard Release Id: 388183
Medium: 703
Substance Abbrev.: 0
Unit Code: 7
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: 5 ft bgs
Start Date: 12/07/2010
End Date: 12/07/2010
Min Concentration: Not reported
Max Concentration: 390.00
Sample Comment: up to 390 ppm
Last Update By: KDANA
Update Date: 11/27/2013
Decode for MediumID: Soil
Sampling Result ID: 350654
Feature Id: 0
Hazard Release Id: 388183
Medium: 697
Substance Abbrev.: 0
Unit Code: 95
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: 8 ft bgs
Start Date: 01/03/2012
End Date: 01/03/2012
Min Concentration: Not reported
Max Concentration: 29000.00
Sample Comment: up to 29,000 ug/m3
Last Update By: KDANA
Update Date: 11/27/2013
Decode for MediumID: Air

Narrative:
NARR ID: 5753901
NARR Code: Contamination
Created By: GWISTAR
Created Date: 02/29/2012
Updated By: KDANA
Updated Date: 02/11/2014
Decode for NarcdID: Contamination
NARR Comments: (12/05/2013 KPD/VCS) Fifteen borings were advanced at the site in December 2010 as part of an environmental assessment. Twenty soil samples and five sub-slab vapor samples were analyzed for petroleum products and volatile organic compounds. Diesel and VOCs were detected in all five vapor samples. Gasoline and VOCs were detected in the soil in the NW corner of the building, and diesel was detected in a soil sample from the SW quarter of the block. The consultant determined that the extent of vapor concerns at the site needed to be better defined. Ten additional soil samples were collected from borings advanced through the floor of the building in December 2011. No petroleum products were detected in the samples. Additional borings were advanced through the sidewalk along 3rd Avenue. Gasoline and Stoddard solvent were detected in soil samples near the SW corner of the block. Groundwater was encountered at 20-25 ft bgs and was

SALVATION ARMY FACILITY (Continued) **S110818319**

impacted with gasoline and diesel. In January 2012, four soil gas samples were collected from eight feet beneath 3rd Avenue and Ash Street. Gasoline and VOCs were detected in all four samples, with the highest concentrations beneath 3rd Avenue roughly mid-block between Ankeny and Ash. In February, samples were collected on the west side of 3rd Avenue (across from the site) to determine the extent of contamination. No petroleum products were detected in the soil, but one groundwater sample showed gasoline and diesel, and a soil gas sample showed gasoline and VOCs.

NARR ID: 5753376
NARR Code: Data Sources
Created By: RWELLS
Created Date: 07/15/2011
Updated By: KDANA
Updated Date: 06/18/2012
Decode for NarcdID: Data Sources
NARR Comments: 1) EVREN Northwest <quot>Phase I Environmental Site Assessment<quot> (November 2010). 2) EVREN Northwest <quot>Phase II Environmental Site Assessment<quot> (January 2011). 3) EVREN Northwest <quot>Independent Cleanup Report - Remedial Action Plan<quot> (March 2012). 4) LUST file #26-96-0268.

NARR ID: 5753056
NARR Code: Hazardous Substance/Waste Types
Created By: RWELLS
Created Date: 03/23/2011
Updated By: KDANA
Updated Date: 11/27/2013
Decode for NarcdID: Hazardous Substance/Waste Types
NARR Comments: Gasoline, diesel, Stoddard solvent, PCE, benzene, ethylbenzene, naphthalene, 1,2,4-TMB, xylenes

NARR ID: 5753059
NARR Code: Land Use (Current/Reasonably Likely)
Created By: RWELLS
Created Date: 03/23/2011
Updated By: RWELLS
Updated Date: 03/23/2011
Decode for NarcdID: Land Use (Current/Reasonably Likely)
NARR Comments: Current and proposed future land use is commercial. Surrounding properties are commercial and industrial in nature.

NARR ID: 5753060
NARR Code: Site Location
Created By: RWELLS
Created Date: 03/23/2011
Updated By: KDANA
Updated Date: 04/17/2012
Decode for NarcdID: Site Location
NARR Comments: The building occupies three-quarters of the block bounded by SE Ankeny Street to the north, SE Martin Luther King Jr. Boulevard to the east, SE Ash Street to the south, and SE 3rd Avenue to the west. The NE quarter of the block (occupied by a surface parking lot) is a separate tax lot under separate ownership.

NARR ID: 5754076

SALVATION ARMY FACILITY (Continued) **S110818319**

NARR Code: Manner of Release
Created By: KDANA
Created Date: 06/28/2012
Updated By: KDANA
Updated Date: 06/28/2012
Decode for NarcdID: Manner of Release
NARR Comments: Unknown; presumably from waste handling and disposal practices by prior operators. Also leaking underground storage tanks.

NARR ID: 5754077
NARR Code: Media Contamination
Created By: KDANA
Created Date: 06/28/2012
Updated By: KDANA
Updated Date: 06/28/2012
Decode for NarcdID: Media Contamination
NARR Comments: Soil at the site has been impacted by gasoline, diesel, Stoddard solvent, and chlorinated solvent (PCE). The gasoline and diesel contamination extends to groundwater. Soil gas and sub-slab vapors have also been impacted by petroleum products, volatile petroleum constituents, and PCE.

NARR ID: 5754015
NARR Code: Site Ownership
Created By: KDANA
Created Date: 04/17/2012
Updated By: KDANA
Updated Date: 04/17/2012
Decode for NarcdID: Site Ownership
NARR Comments: The Salvation Army has owned the site since February 1964

NARR ID: 5754014
NARR Code: Pathways Other Hazards
Created By: KDANA
Created Date: 04/17/2012
Updated By: KDANA
Updated Date: 06/28/2012
Decode for NarcdID: Pathways & Other Hazards
NARR Comments: Sub-slab vapor samples collected from beneath the building showed diesel and volatile organic compounds (VOCs). However, significant concentrations of VOCs were only detected in one soil sample beneath the NW corner of the building. Gasoline and Stoddard solvent were detected in deeper soil samples (15-25 ft bgs) beneath the sidewalk along 3rd Avenue on the west side of the building. Gasoline and diesel were detected in groundwater (20-25 ft bgs) beneath 3rd Avenue. Not reported

NARR ID: 5754053
NARR Code: Remedial Action
Created By: KDANA
Created Date: 06/18/2012
Updated By: KDANA
Updated Date: 02/11/2014
Decode for NarcdID: Remedial Action
NARR Comments: (12/05/2013 KPD/VCS) In 1996, a 6,000-gallon diesel UST was removed from the NW corner of the site (beneath the sidewalk along Ankeny). Confirmation soil sampling found only 47 ppm TPH. DEQ issued an NFA

SALVATION ARMY FACILITY (Continued) **S110818319**

letter for the decommissioning in August 1996. (See LUST file #26-96-0268 for more information).

NARR ID: 5753377
NARR Code: Substances of Concern
Created By: RWELLS
Created Date: 07/15/2011
Updated By: RWELLS
Updated Date: 07/15/2011
Decode for NarcdID: Substances of Concern
NARR Comments: TPH-Gx, TPH-Dx, BTEX, naphthalene, PCE, 1,2,4 trimethylbenzene, 1,3,5-trimethylbenzene, arsenic, TCE.

NARR ID: 5754078
NARR Code: Health Threats
Created By: KDANA
Created Date: 06/28/2012
Updated By: KDANA
Updated Date: 06/28/2012
Decode for NarcdID: Health Threats
NARR Comments: The primary health threat is from subsurface contaminants volatilizing and impacting indoor air. No indoor air samples have been collected to demonstrate or rule out this threat, however. Groundwater in the area has no identified beneficial use, and contaminated soils are generally inaccessible.

NARR ID: 5753061
NARR Code: Water Use (Current/Reasonably Likely)
Created By: RWELLS
Created Date: 03/23/2011
Updated By: RWELLS
Updated Date: 03/23/2011
Decode for NarcdID: Water Use (Current/Reasonably Likely)
NARR Comments: The city of Portland currenty provides potable water to the site and will continue to do so in the forseeable future. A search of the Oregon Water Resources database did not identify any groundwater wells on the subject site.

NARR ID: 5753057
NARR Code: Site History
Created By: RWELLS
Created Date: 03/23/2011
Updated By: KDANA
Updated Date: 02/11/2014
Decode for NarcdID: Site History
NARR Comments: Cleaning and dyeing companies were established on the block as of the first decade of the 1900s. Star Laundry, on the NE corner of the block, was replaced by a creamery by 1924. Ankeny Auto Service was established in the NW quarter of the block by 1935. As of 1950, the site was occupied by Ankeny Auto Service (NW quarter), Enkes City Dye Works (SW quarter), and a carpet cleaning company (SE quarter). (The NE quarter of the block was vacant). Enkes apparently left in the mid-1950s and was replaced by the Salvation Army, followed by Ankeny soon after 1960. The Salvation Army reportedly purchased the property in February 1964, and operated there until about 2010. The building is currently vacant. Prospective purchasers of the property submitted applications for a Prospective Purchaser Agreement (PPA) to DEQ in

SALVATION ARMY FACILITY (Continued) **S110818319**

January 2011 and March 2012. Both applicants completed environmental investigations at the site, but each ultimately backed out (in June 2011 and May 2012, respectively) before purchasing the property or completing a PPA. A third PPA application was received in March 2013, and a proposed Consent Judgment PPA was released for public comment in June 2013. No comments were received. The Consent Judgment was finalized in November 2013 and signed by the court on December 5, 2013.

Site Control:
Site Control #: 1053
Control Number: 34
Begin Date: 03/14/2014
End Date: Not reported
Frequency Of Review: 60
Last Reviewed By: K Dana, DEQ
Last Reviewed Date: Not reported
Last Update By: GWISTAR
Last Updated Date: 06/29/2016
Site Comment: Installation of a vapor barrier and sub-slab depressurization system to prevent exposure of bldg. occupants to subsurface contamination.

Administrative Action:
Action ID: 9424
Region: Not reported
Complete Date: 03/23/2011
Rank Value: Not reported
Cleanup Flag: False
Created Date: 03/23/2011
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Administrative Action
Action Code Flag: False
Action: Site added to database
Further Action: Not reported
Comments: Not reported

Action ID: 9506
Region: Northwestern Region
Complete Date: 06/08/2011
Rank Value: Not reported
Cleanup Flag: False
Created Date: 06/08/2011
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Site Investigation recommended (SI)
Further Action: Medium-Low
Comments: Not reported

Action ID: 9465
Region: Northwestern Region
Complete Date: 06/08/2011
Rank Value: Not reported
Cleanup Flag: False
Created Date: 06/08/2011
Decode for AgencyID: Department of Environmental Quality

SALVATION ARMY FACILITY (Continued) **S110818319**

Decode for RegionID: Northwest Region
Category: Listing Action
Action Code Flag: False
Action: Facility proposed for Confirmed Release List
Further Action: 0
Comments: Not reported

Action ID: 9438
Region: Northwestern Region
Complete Date: 09/21/2011
Rank Value: Not reported
Cleanup Flag: False
Created Date: 09/21/2011
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Listing Action
Action Code Flag: False
Action: Facility placed on Confirmed Release List
Further Action: 0
Comments: Not reported

Action ID: 9439
Region: Northwestern Region
Complete Date: 09/21/2011
Rank Value: Not reported
Cleanup Flag: False
Created Date: 09/21/2011
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Listing Action
Action Code Flag: False
Action: Facility placed on Inventory
Further Action: 0
Comments: Not reported

Action ID: 9467
Region: Northwestern Region
Complete Date: 06/08/2011
Rank Value: Not reported
Cleanup Flag: False
Created Date: 02/29/2012
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Listing Action
Action Code Flag: False
Action: Facility proposed for Inventory
Further Action: 0
Comments: Not reported

Action ID: 9459
Region: Northwestern Region
Complete Date: 03/23/2011
Rank Value: Not reported
Cleanup Flag: False
Created Date: 04/17/2012
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region

SALVATION ARMY FACILITY (Continued) **S110818319**

Category: Remedial Action
Action Code Flag: False
Action: PRELIMINARY ASSESSMENT EQUIVALENT
Further Action: 0
Comments: Not reported

Action ID: 9442
Region: Northwestern Region
Complete Date: 06/08/2011
Rank Value: Not reported
Cleanup Flag: False
Created Date: 04/17/2012
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: NEGOTIATIONS
Further Action: 0
Comments: Not reported

Action ID: 9464
Region: Northwestern Region
Complete Date: 12/05/2013
Rank Value: Not reported
Cleanup Flag: False
Created Date: 06/12/2013
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Prospective Purchaser Agreement
Further Action: 0
Comments: Not reported

Action ID: 9464
Region: Northwestern Region
Complete Date: Not reported
Rank Value: Not reported
Cleanup Flag: False
Created Date: 01/29/2014
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Prospective Purchaser Agreement
Further Action: 0
Comments: Not reported

Action ID: 9410
Region: Northwestern Region
Complete Date: 12/05/2013
Rank Value: Not reported
Cleanup Flag: False
Created Date: 02/05/2014
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action

SALVATION ARMY FACILITY (Continued) **S110818319**

Action Code Flag: False
Action: Consent Decree
Further Action: 0
Comments: Not reported

Operations:
Operation Id: 135892
Operation Status: Inactive
Common Name: Salvation Army
Yrs of Operation: Approx. mid-1950s to 2010
Comments: Not reported
Updated Date: 06/19/2012
Updated By: KDANA
Decode for OpstatID: Inactive
Operations SIC Id: 199345
SIC Code: 8322
Created By: KDANA
Created Date: 06/19/2012

Enginering Control:
Site Control Sequence #: 1053
Site Id: 5555
Control Sequence #: 34
Begin Date: 03/14/2014
End Date: Not reported
Frequency Of Review: 60
Last Reviewed By: K Dana, DEQ
Last Review Date: Not reported
Last Updated By: GWISTAR
Last Updated Date: 06/29/2016
Group Sequence #: 8
Control Code: LS
Control Description: Liner, synthetic
FK Type Code: 2
Group Code: SSB
Group Description: Subsurface Barriers
Type Code: E
Type Description: Engineering
Comments: Installation of a vapor barrier and sub-slab depressurization system to prevent exposure of bldg. occupants to subsurface contamination.

VCS:
ECS Site ID: 5555
Facility Size: 0.64 acres
Action: Consent Decree
Start Date: 12/05/2013
End Date: 12/05/2013
Facility Status: Active
Program: VCP
Latitude: 45.522
Longitude: -122.6623

OR BROWNFIELDS:
Geolocation Id: 27607
Status: Consent Decree
Lat/Long: 45.522 / -122.662

CX356 **HEATING OIL TANK** **OR LUST** **S105711473**
SSE **1828 SE LADD AVENUE** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.477 mi.
2519 ft. **Site 2 of 3 in cluster CX**

Relative: LUST:
Lower
Actual: Region: North Western Region
53 ft. Facility ID: 26-03-0044
Cleanup Received Date: 01/07/2003
Cleanup Start Date: 01/08/2003
Cleanup Complete Date: 04/03/2003
Decode for Region: North West Region

CM357 **HEATING OIL TANK** **OR LUST** **S102590045**
South **1825 SE 12TH AVENUE** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.477 mi.
2521 ft. **Site 3 of 3 in cluster CM**

Relative: LUST:
Lower
Actual: Region: North Western Region
48 ft. Facility ID: 26-97-0307
Cleanup Received Date: 04/22/1997
Cleanup Start Date: 04/22/1997
Cleanup Complete Date: 09/11/1997
Decode for Region: North West Region

CW358 **HEATING OIL TANK** **OR LUST** **S108247077**
NE **1926 SE ASH** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.480 mi.
2533 ft. **Site 3 of 4 in cluster CW**

Relative: LUST:
Higher
Actual: Region: North Western Region
134 ft. Facility ID: 26-06-1742
Cleanup Received Date: 09/28/2006
Cleanup Start Date: 10/02/2006
Cleanup Complete Date: Not reported
Decode for Region: North West Region

CY359 **HEATING OIL TANK** **OR LUST** **S106475503**
East **2122-2128 SE BELMONT ST** **N/A**
1/4-1/2 **PORTLAND, OR 97202**
0.481 mi.
2538 ft. **Site 2 of 2 in cluster CY**

Relative: LUST:
Higher
Actual: Region: North Western Region
117 ft. Facility ID: 26-04-0543
Cleanup Received Date: 04/05/2004
Cleanup Start Date: 04/05/2004
Cleanup Complete Date: 11/12/2004
Decode for Region: North West Region

DD360 **HEATING OIL TANK** **OR LUST** **S102778410**
East **2115 SE MORRISON** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.482 mi.
2544 ft. **Site 1 of 2 in cluster DD**

Relative: LUST:
Higher
Actual: Region: North Western Region
129 ft. Facility ID: 26-97-0225
Cleanup Received Date: 03/24/1997
Cleanup Start Date: 03/12/1997
Cleanup Complete Date: 01/05/2005
Decode for Region: North West Region

CT361 **GRAND & BENEDICTS BLDG** **OR LUST** **S106777221**
West **111 SE BELMONT** **N/A**
1/4-1/2 **PORTLAND, OR 97232**
0.482 mi.
2547 ft. **Site 2 of 2 in cluster CT**

Relative: LUST:
Lower
Actual: Region: North Western Region
38 ft. Facility ID: 26-04-1768
Cleanup Received Date: 09/01/2004
Cleanup Start Date: 09/01/2004
Cleanup Complete Date: 01/21/2005
Decode for Region: North West Region

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362 **HEATING OIL TANK** **OR LUST** **S104974411**
WNW **201 SE OAK ST** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.482 mi.
2547 ft.

Relative: LUST:
Lower
Actual: Region: North Western Region
41 ft. Facility ID: 26-01-5991
Cleanup Received Date: 05/23/2001
Cleanup Start Date: 05/21/2001
Cleanup Complete Date: Not reported
Decode for Region: North West Region

CP363 **SALVATION ARMY REHAB. CENTER** **OR LUST** **S102417255**
NW **139 SE MARTIN LUTHER KING BLVD** **N/A**
1/4-1/2 **PORTLAND, OR 97124**
0.484 mi.
2558 ft. **Site 4 of 4 in cluster CP**

Relative: LUST:
Lower
Actual: Region: North Western Region
51 ft. Facility ID: 26-96-0268
Cleanup Received Date: 04/30/1996
Cleanup Start Date: 04/30/1996
Cleanup Complete Date: 06/20/1996
Decode for Region: North West Region

364
SSE
1/4-1/2
0.486 mi.
2565 ft.

HEATING OIL TANK
1753 SE MAPLE ST
PORTLAND, OR 97214

OR LUST **S111210584**
N/A

Relative:
Lower

Actual:
56 ft.

LUST:
Region: North Western Region
Facility ID: 26-11-0425
Cleanup Received Date: 05/09/2011
Cleanup Start Date: Not reported
Cleanup Complete Date: 09/28/2011
Decode for Region: North West Region

DE365
ESE
1/4-1/2
0.486 mi.
2565 ft.

HEATING OIL TANK
2113 SE SALMON
PORTLAND, OR 97214

Site 1 of 2 in cluster DE

OR LUST **S103543147**
N/A

Relative:
Higher

Actual:
125 ft.

LUST:
Region: North Western Region
Facility ID: 26-98-1064
Cleanup Received Date: 12/04/1998
Cleanup Start Date: Not reported
Cleanup Complete Date: Not reported
Decode for Region: North West Region

CX366
SSE
1/4-1/2
0.487 mi.
2570 ft.

HEATING OIL TANK
1829-1831 SE LADD AVE
PORTLAND, OR 97214

Site 3 of 3 in cluster CX

OR LUST **S113668818**
N/A

Relative:
Lower

Actual:
53 ft.

LUST:
Region: North Western Region
Facility ID: 26-13-0107
Cleanup Received Date: 02/01/2013
Cleanup Start Date: Not reported
Cleanup Complete Date: 01/22/2014
Decode for Region: North West Region

DF367
WSW
1/4-1/2
0.487 mi.
2572 ft.

HEATING OIL TANK
1300 SE 2ND AVENUE
PORTLAND, OR 97214

Site 1 of 2 in cluster DF

OR LUST **S103696294**
N/A

Relative:
Lower

Actual:
44 ft.

LUST:
Region: North Western Region
Facility ID: 26-98-0033
Cleanup Received Date: 01/22/1998
Cleanup Start Date: 12/19/1997
Cleanup Complete Date: 02/04/2000
Decode for Region: North West Region

DF368 **EAST SIDE PLATING - PLANT 5** **OR ECSI** **S106115367**
WSW **1300/1304 SE 2ND AVE.** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.487 mi.
2572 ft. **Site 2 of 2 in cluster DF**

Relative:
Lower

Actual:
44 ft.

ECSI:

State ID Number:	3856
Brown ID:	0
Study Area:	False
Region ID:	2
Legislatve ID:	0
Investigation:	No Further Action
FACA ID:	49065
Further Action:	0
Lat/Long (dms):	45 30 48.20 / -122 39 46.80
County Code:	26.00
Score Value:	Not reported
Cerclis ID:	Not reported
Township Coord.:	1.00
Township Zone:	S
Range Coord:	1.00
Range Zone:	E
Section Coord:	3
Qtr Section:	Addb
Tax Lots:	Tax Lot 5000 (1S1E03AD 5000)
Size:	0.46 ac
NPL:	False
Orphan:	False
Updated By:	BGILLES
Update Date:	12/07/2010
Created Date:	04/29/2003
Decode For RegionID:	Northwest Region
Decode For BrownID:	Not reported
Decode For Furtheract:	Not reported
Decode For Investstat:	No Further Action
Decode For Legislative:	Not reported
Alias Name:	Production Plating

Hazardous Release:

Substance ID.:	121668
Haz Release ID:	386071
Qty Released:	Unknown
Date Released:	Unknown
Update Date:	09/19/2003
Update By:	SFORTUN
Substance Code:	7440-43-9
Substance Name:	CADMIUM
Substance Abbrev.:	Not reported
Substance Category ID:	8460
Substance Category:	Inorganics
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Substance Category ID:	8460
Substance Category:	Inorganics
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Substance Alias ID:	319291

EAST SIDE PLATING - PLANT 5 (Continued) **S106115367**

Sub Alias Name:	CD
Comment ID:	304769
Release Code:	Release Containment
Release Comments:	In Stormwater at Outfall #1 (2.4ug/L) and Outfall #2 (4.5 ug/L), and Outfall #3 (18 ug/L). Stormwater at Outfalls #2 and #3 is directed to the river.
Decode for Relcomcd:	Release Containment
Comment ID:	304770
Release Code:	Data Sources
Release Comments:	Stormwater Permit Data submission and Site Investigation Report dated 11/06.
Decode for Relcomcd:	Data Sources
Comment ID:	304771
Release Code:	Media Contamination Footnote
Release Comments:	Stormwater runoff
Decode for Relcomcd:	Media Contamination Footnote
Comment ID:	304772
Release Code:	General Comments
Release Comments:	Stormwater concentrations exceeds Freshwater aquatic CMC, as well as NWR Industrial Stormwater 99th percentile level.
Decode for Relcomcd:	General Comments
Sampling Result ID:	347505
Feature Id:	0
Hazard Release Id:	386071
Medium:	700
Substance Abbrev.:	0
Unit Code:	8
Observation:	False
Owner Operator:	False
Lab Data:	True
Sample Depth:	Not reported
Start Date:	06/21/1992
End Date:	Not reported
Min Concentration:	Not reported
Max Concentration:	18.00
Sample Comment:	18 ug/L in stormwater at Outfall #3; 4.5 ug/L at Outfall #2.
Last Update By:	JWAGGY
Update Date:	01/23/2007
Decode for MediumID:	Other
Sampling Result ID:	349334
Feature Id:	0
Hazard Release Id:	386071
Medium:	698
Substance Abbrev.:	0
Unit Code:	Not reported
Observation:	False
Owner Operator:	False
Lab Data:	True
Sample Depth:	Not reported
Start Date:	02/18/2009
End Date:	Not reported
Min Concentration:	Not reported
Max Concentration:	Not reported
Sample Comment:	10.2 g/L Dissolved
Last Update By:	MKENT
Update Date:	01/27/2010
Decode for MediumID:	Groundwater

EAST SIDE PLATING - PLANT 5 (Continued) **S106115367**

Substance ID.: 121664
Haz Release ID: 386072
Qty Released: Unknown
Date Released: Unknown
Update Date: 09/19/2003
Update By: SFORTUN
Substance Code: 7440-38-2
Substance Name: ARSENIC
Substance Abbrev.: Not reported
Substance Category ID: 8439
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8439
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 319286
Sub Alias Name: AS
Comment ID: 304773
Release Code: Data Sources
Release Comments: Stormwater permit data submission
Decode for Relcomcd: Data Sources
Comment ID: 304774
Release Code: General Comments
Release Comments: Stormwater concentration of 0.039 mg/L at Outfall #2 exceeded NWR Industrial Stormwater 95th percentile level.
Decode for Relcomcd: General Comments
Comment ID: 304775
Release Code: Media Contamination Footnote
Release Comments: Stormwater runoff
Decode for Relcomcd: Media Contamination Footnote
Comment ID: 304776
Release Code: Release Containment
Release Comments: Stormwater reaching Outfall #2 is directed to the river.
Decode for Relcomcd: Release Containment
Sampling Result ID: 347506
Feature Id: 0
Hazard Release Id: 386072
Medium: 700
Substance Abbrev.: 0
Unit Code: 8
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 10/02/1992
End Date: Not reported
Min Concentration: Not reported
Max Concentration: 39.00
Sample Comment: 0.039 mg/L in stormwater runoff at Outfall #2; 0.013 mg/L at Outfall #3.
Last Update By: JWAGGY
Update Date: 01/23/2007
Decode for MediumID: Other

EAST SIDE PLATING - PLANT 5 (Continued) **S106115367**

Substance ID.: 121671
Haz Release ID: 386073
Qty Released: Unknown
Date Released: Unknown
Update Date: 09/19/2003
Update By: SFORTUN
Substance Code: 7440-47-3
Substance Name: CHROMIUM
Substance Abbrev.: Not reported
Substance Category ID: 8462
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8462
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 318145
Sub Alias Name: CHROMIUM, INORGANIC
Substance Alias ID: 319294
Sub Alias Name: CHROMIUM, TOTAL
Comment ID: 304781
Release Code: Data Sources
Release Comments: Stormwater permit data submission and Site Investigation Report dated 11/06.
Decode for Relcomcd: Data Sources
Comment ID: 304782
Release Code: General Comments
Release Comments: Stormwater concentrations have exceeded Freshwater Aquatic CMC. Concentrations at Outfalls #2 and #3 have exceeded NWR Industrial Stormwater 99th percentile levels. Concentrations at Outfall #12 have exceeded the NWR Industrial Stormwater 95th percentil
Decode for Relcomcd: General Comments
Comment ID: 304783
Release Code: Media Contamination Footnote
Release Comments: In Stormwater Runoff
Decode for Relcomcd: Media Contamination Footnote
Comment ID: 304784
Release Code: Release Containment
Release Comments: Stormwater from Outfalls #2 and #3 is directed to the river.
Decode for Relcomcd: Release Containment
Sampling Result ID: 347507
Feature Id: 0
Hazard Release Id: 386073
Medium: 700
Substance Abbrev.: 0
Unit Code: 8
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 10/02/1992
End Date: Not reported
Min Concentration: Not reported
Max Concentration: 3400.00

EAST SIDE PLATING - PLANT 5 (Continued) **S106115367**

Sample Comment: 3.4 mg/L in stormwater runoff at Outfall #2; 0.95 mg/L at Outfall #3.
Last Update By: JWAGGY
Update Date: 01/23/2007
Decode for MediumID: Other
Sampling Result ID: 349335
Feature Id: 0
Hazard Release Id: 386073
Medium: 698
Substance Abbrev.: 0
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: watertable
Start Date: 02/18/2009
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: 6.25 g/L Dissolved
Last Update By: MKENT
Update Date: 01/27/2010
Decode for MediumID: Groundwater

Substance ID.: 121673
Haz Release ID: 386074
Qty Released: Unknown
Date Released: Unknown
Update Date: 09/19/2003
Update By: SFORTUN
Substance Code: 7440-50-8
Substance Name: COPPER
Substance Abbrev.: Not reported
Substance Category ID: 8464
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8464
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 319296
Sub Alias Name: CU
Comment ID: 304777
Release Code: Data Sources
Release Comments: Stormwater permit data submission
Decode for Relcomcd: Data Sources
Comment ID: 304778
Release Code: General Comments
Release Comments: In stormwater at Outfall #1 at 570 ug/L; at Outfall #2 at 1030 ug/L; at Outfall #3 at 2200 Stormwater concentrations exceed freshwater Aquatic CMC. Stormwater conc. at Outfall #3 exceeded the NWR Industrial Stormwater 99th percentile level.
Decode for Relcomcd: General Comments
Comment ID: 304779
Release Code: Media Contamination Footnote

EAST SIDE PLATING - PLANT 5 (Continued) **S106115367**

Release Comments: Stormwater runoff
Decode for Relcomcd: Media Contamination Footnote
Comment ID: 304780
Release Code: Release Containment
Release Comments: Stormwater at Outfalls #2 and #3 directed to the river.
Decode for Relcomcd: Release Containment
Sampling Result ID: 347509
Feature Id: 0
Hazard Release Id: 386074
Medium: 700
Substance Abbrev.: 0
Unit Code: 8
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 06/21/1992
End Date: Not reported
Min Concentration: Not reported
Max Concentration: 2200.00
Sample Comment: 2200 ug/L in stormwater runoff at Outfall #3; 1030 ug/L in stormwater at Outfall #2
Last Update By: JWAGGY
Update Date: 01/23/2007
Decode for MediumID: Other
Sampling Result ID: 349042
Feature Id: 0
Hazard Release Id: 386074
Medium: 698
Substance Abbrev.: 0
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: watertable
Start Date: 05/16/2008
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: 18.8 ug/L Dissolved
Last Update By: MKENT
Update Date: 01/27/2010
Decode for MediumID: Groundwater

Substance ID.: 121639
Haz Release ID: 386075
Qty Released: Unknown
Date Released: Unknown
Update Date: 09/19/2003
Update By: SFORTUN
Substance Code: 7439-92-1
Substance Name: LEAD
Substance Abbrev.: Not reported
Substance Category ID: 8466
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported

EAST SIDE PLATING - PLANT 5 (Continued) **S106115367**

Created Date:	12/17/2002
Substance Category ID:	8466
Substance Category:	Inorganics
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Substance Alias ID:	319256
Sub Alias Name:	PB
Comment ID:	304785
Release Code:	Data Sources
Release Comments:	Stormwater permit data submission
Decode for Relcomcd:	Data Sources
Comment ID:	304786
Release Code:	General Comments
Release Comments:	In stormwater runoff at Outfall #1 at 82 ug/L; at Outfall #2 at 230 ug/L; at Outfall #3 at 2300 ug/L. Stormwater concentrations have exceeded Freshwater Aquatic CMC and NWR Industrial Stormwater 99th percentile level.
Decode for Relcomcd:	General Comments
Comment ID:	304787
Release Code:	Media Contamination Footnote
Release Comments:	In stormwater runoff.
Decode for Relcomcd:	Media Contamination Footnote
Comment ID:	304788
Release Code:	Release Containment
Release Comments:	Stormwater reaching Outfalls #2 and #3 is directed to the river.
Decode for Relcomcd:	Release Containment
Sampling Result ID:	347510
Feature Id:	0
Hazard Release Id:	386075
Medium:	700
Substance Abbrev.:	0
Unit Code:	63
Observation:	False
Owner Operator:	False
Lab Data:	True
Sample Depth:	Not reported
Start Date:	06/21/1992
End Date:	Not reported
Min Concentration:	Not reported
Max Concentration:	2300.00
Sample Comment:	2300 ug/L in stormwater at Outfall #3; 230 ug/L in stormwater runoff at Outfall #2
Last Update By:	JWAGGY
Update Date:	01/23/2007
Decode for MediumID:	Other
Sampling Result ID:	349044
Feature Id:	0
Hazard Release Id:	386075
Medium:	698
Substance Abbrev.:	0
Unit Code:	Not reported
Observation:	False
Owner Operator:	False
Lab Data:	True
Sample Depth:	watertable
Start Date:	02/18/2009

EAST SIDE PLATING - PLANT 5 (Continued) **S106115367**

End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: 3.16 ug/L Dissolved
Last Update By: MKENT
Update Date: 01/27/2010
Decode for MediumID: Groundwater

Substance ID.: 121646
Haz Release ID: 386076
Qty Released: Unknown
Date Released: Unknown
Update Date: 09/19/2003
Update By: SFORTUN
Substance Code: 7440-02-0
Substance Name: NICKEL
Substance Abbrev.: Not reported
Substance Category ID: 8469
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8469
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 319266
Sub Alias Name: NI
Comment ID: 304789
Release Code: Data Sources
Release Comments: Stormwater permit data submission
Decode for Relcomcd: Data Sources
Comment ID: 304790
Release Code: General Comments
Release Comments: Stormwater concentrations at Outfalls #1, #2, and #3 have exceeded both the Freshwater Aquatic CMC and NWR Industrial Stormwater 99th percentile level.
Decode for Relcomcd: General Comments
Comment ID: 304791
Release Code: Media Contamination Footnote
Release Comments: Stormwater runoff at Outfalls #1 (up to 10000 ppb), at Outfall #2 (up to 74000 ppb), and at Outfall #3 (5500 ppm).
Decode for Relcomcd: Media Contamination Footnote
Comment ID: 304792
Release Code: Release Containment
Release Comments: Stormwater at Outfalls #2 and #3 is directed to the river.
Decode for Relcomcd: Release Containment
Sampling Result ID: 347511
Feature Id: 0
Hazard Release Id: 386076
Medium: 700
Substance Abbrev.: 0
Unit Code: 63
Observation: False
Owner Operator: False
Lab Data: True

EAST SIDE PLATING - PLANT 5 (Continued) **S106115367**

Sample Depth: Not reported
Start Date: 10/06/1993
End Date: Not reported
Min Concentration: Not reported
Max Concentration: 74000.00
Sample Comment: 74,000 ug/L in stormwater runoff at Outfall #2; 5,500 ug/L in stormwater at Outfall #3.
Last Update By: JWAGGY
Update Date: 01/23/2007
Decode for MediumID: Other
Sampling Result ID: 349045
Feature Id: 0
Hazard Release Id: 386076
Medium: 698
Substance Abbrev.: 0
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: watertable
Start Date: 02/18/2008
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: 128,000 ug/L Dissolved
Last Update By: MKENT
Update Date: 01/27/2010
Decode for MediumID: Groundwater

Substance ID.: 121679
Haz Release ID: 386077
Qty Released: Unknown
Date Released: Unknown
Update Date: 09/19/2003
Update By: SFORTUN
Substance Code: 7440-66-6
Substance Name: ZINC
Substance Abbrev.: Not reported
Substance Alias ID: 319302
Sub Alias Name: ZN
Comment ID: 304793
Release Code: Data Sources
Release Comments: Stormwater permit data submission
Decode for Relcomcd: Data Sources
Comment ID: 304794
Release Code: General Comments
Release Comments: Concentrations in stormwater runoff at Outfalls #1, #2, and #3 have exceeded both the Freshwater Aquatic CMC and the NWR Industrial Stormwater 99th percentile level.
Decode for Relcomcd: General Comments
Comment ID: 304795
Release Code: Media Contamination Footnote
Release Comments: In stormwater runoff
Decode for Relcomcd: Media Contamination Footnote
Comment ID: 304796
Release Code: Release Containment
Release Comments: Stormwater at Outfalls #2 and #3 is directed to the river

EAST SIDE PLATING - PLANT 5 (Continued) **S106115367**

Decode for Relcomcd: Release Containment
Sampling Result ID: 347512
Feature Id: 0
Hazard Release Id: 386077
Medium: 700
Substance Abbrev.: 0
Unit Code: 63
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 06/21/1992
End Date: Not reported
Min Concentration: Not reported
Max Concentration: 160000.00
Sample Comment: Up to 160000 ug/L in stormwater runoff at Outfall #3; 85,000 ug/L in stormwater runof at Outfall #2.
Last Update By: JWAGGY
Update Date: 01/23/2007
Decode for MediumID: Other
Sampling Result ID: 349046
Feature Id: 0
Hazard Release Id: 386077
Medium: 698
Substance Abbrev.: 0
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: watertable
Start Date: 02/18/2009
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: 1,670 ug/L Dissolved
Last Update By: MKENT
Update Date: 01/27/2010
Decode for MediumID: Groundwater

Substance ID.: 121472
Haz Release ID: 386966
Qty Released: Not reported
Date Released: Not reported
Update Date: 01/23/2007
Update By: JWAGGY
Substance Code: 57-12-5
Substance Name: CYANIDE (AS ION)
Substance Abbrev.: Not reported
Substance Category ID: 8465
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8465
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported

EAST SIDE PLATING - PLANT 5 (Continued) **S106115367**

Created Date: 12/17/2002
Substance Alias ID: 318818
Sub Alias Name: CN (AS ION)
Comment ID: 305251
Release Code: Data Sources
Release Comments: Site Investigation Report dated 11/06.
Decode for Relcomcd: Data Sources
Sampling Result ID: 349043
Feature Id: 0
Hazard Release Id: 386966
Medium: 698
Substance Abbrev.: 0
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: watertable
Start Date: 07/25/2006
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: 33.1 ug/L Dissolved
Last Update By: MKENT
Update Date: 01/27/2010
Decode for MediumID: Groundwater
Sampling Result ID: 349336
Feature Id: 0
Hazard Release Id: 386966
Medium: 703
Substance Abbrev.: 0
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: 13 - 14 ft bgs
Start Date: Not reported
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: 0.696 mg/kg
Last Update By: JWAGGY
Update Date: 10/01/2007
Decode for MediumID: Soil

Substance ID.: 121868
Haz Release ID: 387462
Qty Released: 35.6 ug/L
Date Released: 7/25/2006
Update Date: 01/27/2010
Update By: GGAMOLO
Substance Code: 91-20-3
Substance Name: NAPHTHALENE
Substance Abbrev.: Not reported
Substance Category ID: 8494
Substance Category: Semi-volatiles
Category Level: Not reported
Created By: Not reported

EAST SIDE PLATING - PLANT 5 (Continued) **S106115367**

Created Date: 12/17/2002
Substance Category ID: 8494
Substance Category: Semi-volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 317793
Sub Alias Name: MOTH BALLS
Substance Alias ID: 317794
Sub Alias Name: NAPHTHENE
Substance Alias ID: 317795
Sub Alias Name: TAR CAMPHOR
Sampling Result ID: 349824
Feature Id: 0
Hazard Release Id: 387462
Medium: 698
Substance Abbrev.: 0
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: False
Sample Depth: Not reported
Start Date: 07/25/2006
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: 35.6 ug/L
Last Update By: GGAMOLO
Update Date: 01/27/2010
Decode for MediumID: Groundwater

Substance ID.: 121588
Haz Release ID: 387463
Qty Released: 10.2 ug/L
Date Released: 2/18/2009
Update Date: 01/27/2010
Update By: GGAMOLO
Substance Code: 67-66-3
Substance Name: CHLOROFORM
Substance Abbrev.: Not reported
Substance Category ID: 8510
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8510
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 319118
Sub Alias Name: METHANE,TRICHLORO-
Substance Alias ID: 319119
Sub Alias Name: TRICHLOROFORM
Substance Alias ID: 319120
Sub Alias Name: TRICHLOROMETHANE
Sampling Result ID: 349823

EAST SIDE PLATING - PLANT 5 (Continued) **S106115367**

Feature Id: 0
Hazard Release Id: 387463
Medium: 698
Substance Abbrev.: 0
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: False
Sample Depth: Not reported
Start Date: 02/18/2009
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: 10.2 ug/L
Last Update By: GGAMOLO
Update Date: 01/27/2010
Decode for MediumID: Groundwater

Narrative:

NARR ID: 5744206
NARR Code: Site Contacts
Created By: SFORTUN
Created Date: 09/19/2003
Updated By: MKENT
Updated Date: 08/25/2004
Decode for NarcdID: Site Contacts
NARR Comments: Ross Edginton, Environmental Manager, East Side Plating, Inc., 8400 SE 26th Place, Portland, OR 97202-8901, phone 503-654-3774, Fax 503-654-6464, ross@eastsideplating.com. Gary Rehnberg, President, East Side Plating Inc. 8400 SE 26th Place Portland, Oregon 97202 503-654-3774 X123 gary@eastsideplating.com Brad Lamb Zarosinski & Hill Attorneys Suite 1200 520 SW Sixth Avenue Portland, Oregon 97204-1510 503-243-2373 blamb@zandh-law.com

NARR ID: 5744207
NARR Code: Contamination
Created By: SFORTUN
Created Date: 09/19/2003
Updated By: SFORTUN
Updated Date: 09/19/2003
Decode for NarcdID: Contamination
NARR Comments: Concentrations of toxic metals in stormwater runoff have exceeded freshwater aquatic Continuous Maximum Concentrations (CMCs) and 99th percentile levels for all DEQ Northwest Region Industrial Stormwater. Metals of concern include arsenic, cadmium, chromium, copper, lead, nickel, and zinc. Stormwater pH has ranged between 4.3 and 10.1. TOC has ranged beween non-detect and 81 ppm. COD has ranged between non-detect and 870 ppm. Site has also used cyanide solutions and chlorinated solvents (including TCE and PCE), although stormwater has never been analyzed for these potential contaminants. Contaminated stormwater is directed to the Lower Willamette River. Acidic stormwater may have corroded stormsewers.

NARR ID: 5743692
NARR Code: Data Sources
Created By: SFORTUN
Created Date: 06/25/2003
Updated By: MKENT

EAST SIDE PLATING - PLANT 5 (Continued) **S106115367**

Updated Date: 02/16/2010
Decode for NarcdID: Data Sources
NARR Comments: Stormwater runoff quality data from site's Stormwater Permit files. Information about chlorinated solvent use from Hazardous Waste Generator files and Air Quality Permit files. Information about groundwater contamination from Site Investigation Report dated November 15, 2006. RSV Engineering, April 7, 2006, <quot>Work Plan for Initial Site Investigation, East Side Plating Plant #5<quot>. RSV Engineering, <quot>Site Investigation Report, East Side Plating Plant #5<quot>, December 31, 2008. RSV Engineering, November 15, 2007, <quot>Work Plan for Additional Site Characterization, East Side Plating Plant #5<quot>. RSV Engineering, February 2009, <quot>Work Plan for Additional Investigation, East Side Plating Plant #5<quot>. RSV Engineering, Oct 27, 2009, <quot>Additional Investigation Report, East Side Plating Plant #5<quot>.

NARR ID: 5743446
NARR Code: General Site Description
Created By: JWAGGY
Created Date: 04/30/2003
Updated By: SFORTUN
Updated Date: 09/19/2003
Decode for NarcdID: General Site Description
NARR Comments: Lots 1, 2, 7, and 8 of Block 53, East Portland Addition. Not to be confused with ECSI #644 (Plants#1-#3), or ECSI #1010 (Plant #4). The site occupies the northern half of the block between SE 2nd and SE 3rd Avenues, and SE Main and SE Madison Streets. The facilities include a plating shop, polish shop, warehouse, and an area for parking/shipping/receiving. Stormwater from the central parking area and downspouts is directed to Outfall #1, which feeds the city's combined sewer on SW 2nd Ave. Stormwater from the north roof downspout is directed to Outfall #2, which discharges to the city storm sewer on SW 2nd Ave. Stormwater at the northwest exterior and runoff along the north exterior is directed to Outfall #3. Outfalls #2 and #3 feed City of Portland Stormwater Outfall #35 in the Willamette River just upstream from the east end of the Morrison Bridge.

NARR ID: 5744208
NARR Code: Hazardous Substance/Waste Types
Created By: SFORTUN
Created Date: 09/19/2003
Updated By: SFORTUN
Updated Date: 09/19/2003
Decode for NarcdID: Hazardous Substance/Waste Types
NARR Comments: Toxic metals (arsenic, cadmium, chromium, copper, lead, nickel, and zinc); possible cyanide, TCA, TCE, and PCE.

NARR ID: 5744210
NARR Code: Project Issues Summary
Created By: SFORTUN
Created Date: 09/19/2003
Updated By: SFORTUN
Updated Date: 11/03/2003
Decode for NarcdID: Project Issues Summary
NARR Comments: Sources of the site's stormwater runoff contamination have not been fully defined. Contaminated stormwater reaching Outfalls #2 and #3

EAST SIDE PLATING - PLANT 5 (Continued) **S106115367**

eventually discharges to the Willamette River and could represent a direct toxicity threat to aquatic life, or could accumulate in river sediments. Stormwater and treated process water are discharged to the city sanitary sewer at Outfall #1. The city sanitary sewer in this area commonly overflows to the stormsewer during rainfall events. Acidic runoff could corrode stormsewers and combined sewers, exacerbating contaminant leakage into utility line beddings. Site has also used cyanide solutions and chlorinated solvents (TCA, TCE, PCE), although it is not known if these have contaminated site runoff. Because of inconsistencies in solvent usage reporting, there is concern that unreported solvent spills at the site could have contaminated underlying soils and shallow groundwater.

NARR ID: 5743693
NARR Code: Land Use (Current/Reasonably Likely)
Created By: SFORTUN
Created Date: 06/25/2003
Updated By: SFORTUN
Updated Date: 11/03/2003
Decode for NarcdID: Land Use (Current/Reasonably Likely)
NARR Comments: Site is located in an industrial area (mostly warehousing) of Central Eastside Portland.

NARR ID: 5743445
NARR Code: Site Location
Created By: JWAGGY
Created Date: 04/30/2003
Updated By: SFORTUN
Updated Date: 11/03/2003
Decode for NarcdID: Site Location
NARR Comments: On the south side of SE Main St., between SE 2nd and SE 3rd Ave; on the north side of the eastern approach to Hawthorne Bridge. The Post Office only recognizes 1300 SE 2nd as the facility address; the Tax Office only recognizes 1304 SE 2nd as the facility address.

NARR ID: 5744212
NARR Code: Manner of Release
Created By: SFORTUN
Created Date: 09/19/2003
Updated By: SFORTUN
Updated Date: 11/03/2003
Decode for NarcdID: Manner of Release
NARR Comments: Unclear. Plating vapors and buffing/grinding/polishing dusts may vent at, or through, the building roofs. There could be leakage through the facility foundations or through a plugged storm sewer within the plating shop. Contaminated liquids could also escape the building through an overhead door at a wastewater treatment area at the northwest corner of the facility.

NARR ID: 5744216
NARR Code: Media Contamination
Created By: SFORTUN
Created Date: 09/19/2003
Updated By: SFORTUN
Updated Date: 11/03/2003
Decode for NarcdID: Media Contamination
NARR Comments: Stormwater runoff. Concern that subsurface soils and shallow

EAST SIDE PLATING - PLANT 5 (Continued) **S106115367**

groundwater beneath the building, sewer line beddings, and surface water and sediments in the Lower Willamette River at City Stormwater Outfall #35 may also be contaminated. Fugitive dust or acid fume emissions could also represent a human health threat for nearby workers or pedestrians.

NARR ID: 5751975
NARR Code: Project Activity Status
Created By: MKENT
Created Date: 01/27/2010
Updated By: MKENT
Updated Date: 01/27/2010
Decode for NarcdID: Project Activity Status
NARR Comments: (1/27/2010 MDK/CU&ER) Additional site investigation conducted in February through April included installation of additional monitoring wells to define extent of groundwater plume, and analysis of storm water flow and migration and potential preferrential pathways to Willamette River. Investigation report dated 10/27/09 submitte on 10/30/09. Report currently under review by DEQ for potential NFA and site closure.

NARR ID: 5745361
NARR Code: Project Type
Created By: MKENT
Created Date: 08/25/2004
Updated By: MKENT
Updated Date: 08/25/2004
Decode for NarcdID: Project Type
NARR Comments: (8/25/04 MDK/C&ER): Draft letter agreement for voluntary cleanup sent to owner june 28, 2004. Insurance coverage being investigated. DEQ intends to finalize agreement by October 2004.

NARR ID: 5745362
NARR Code: Remedial Action
Created By: MKENT
Created Date: 08/25/2004
Updated By: JWAGGY
Updated Date: 10/01/2007
Decode for NarcdID: Remedial Action
NARR Comments: (8/25/04 MDK/C&ER): Initial project meeting held with owner on June 18, 2004. Owner clarifying insurance coverage prior to entering into voluntary cleanup letter agreement. (6/21/05 MDK/CU&ER) Negotiations on a letter agreement continued from March 2004 until the agreement was signed on May 23, 2005. The next steps are holding a scoping meeting and developing an investigation work plan. (12/28/06 MDK/CU&ER) DEQ approved a site investigation work plan on April 13, 2006. The field work was completed in July 2006 and a site investigation report submitted on November 15, 2006. DEQ provided review comments by letter dated November 30, 2006 and indicated that additional work is required to determine extent of contamination present in groundwater. (9/12/07 MDK/CU&ER) Additional soil site characterization workplan submitted for review on 7/28/07. DEQ comments issued 9/18/07.

NARR ID: 5744213
NARR Code: Substances of Concern
Created By: SFORTUN

EAST SIDE PLATING - PLANT 5 (Continued) **S106115367**

Created Date: 09/19/2003
Updated By: SFORTUN
Updated Date: 09/19/2003
Decode for NarcdID: Substances of Concern
NARR Comments: Toxic metals (arsenic, cadmium, chromium, copper, lead, nickel, and zinc), possible cyanide and chlorinated solvents (TCE, PCE, TCA).

NARR ID: 5744214
NARR Code: Water Use (Current/Reasonably Likely)
Created By: SFORTUN
Created Date: 09/19/2003
Updated By: MKENT
Updated Date: 08/25/2004
Decode for NarcdID: Water Use (Current/Reasonably Likely)
NARR Comments: Mostly industrial and irrigation wells within 0.5 mile downgradient of the site. Possibly four drinking water wells within 2 miles downgradient of the site, although two lie across the river, 0.8 mile from the site and are very unlikely ever to be affected. A well of unspecified use lies 0.4 mile downgradient-to-sidegradient from the site at a sporting goods store and restaurant. It is not known if the wells is used to supply drinking water or for food preparation.

NARR ID: 5744209
NARR Code: Site History
Created By: SFORTUN
Created Date: 09/19/2003
Updated By: SFORTUN
Updated Date: 09/19/2003
Decode for NarcdID: Site History
NARR Comments: Plating operations began in 1980 under the name Production Plating. Name was changed to East Side Plating in 1985. Some of the previous businesses at this location have included Shifton Manufacturing Co. (a wood storage building manufacturer; 1980); Oregon Iron Works (1978-79), Northwest Grating Co.(1977), and Hanson Metals, Inc.(1968-75), all metals (steel) fabricators; Blaesing Granite Co. (1950-65); Bend-Portland Truck Services (a garage, 1950); and Reliable Fuel Co. (wood and coal retailer; 1930-44).

NARR ID: 5751974
NARR Code: 1922
Created By: MKENT
Created Date: 01/27/2010
Updated By: MKENT
Updated Date: 01/27/2010
Decode for NarcdID: Current Site Summary Statement
NARR Comments: (1/27/10 MDK/CU&ER) Owner submitted investigation for additional site characterization dated 10/27/09 summarizing field activities, results of all data collected including potential for contaminant migration to Willamette River via groundwater flow or preferential pathways, stormwater flow and migration assessment, and CSM. Document is under review and DEQ will determine whether to pursue NFA and closure for this site.

Administrative Action:
Action ID: 9465
Region: 0
Complete Date: Not reported
Rank Value: Not reported

EAST SIDE PLATING - PLANT 5 (Continued) **S106115367**

Cleanup Flag: False
Created Date: 01/27/2010
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Listing Action
Action Code Flag: False
Action: Facility proposed for Confirmed Release List
Further Action: 0
Comments: Not reported

Action ID: 9443
Region: Northwestern Region
Complete Date: 03/10/2010
Rank Value: Not reported
Cleanup Flag: True
Created Date: 12/07/2010
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: NO FURTHER STATE ACTION REQUIRED
Further Action: 0
Comments: Not reported

Action ID: 9424
Region: Not reported
Complete Date: 04/29/2003
Rank Value: Not reported
Cleanup Flag: False
Created Date: 04/29/2003
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Administrative Action
Action Code Flag: False
Action: Site added to database
Further Action: Not reported
Comments: Not reported

Action ID: 9508
Region: Northwestern Region
Complete Date: 08/27/2003
Rank Value: Not reported
Cleanup Flag: False
Created Date: 04/30/2003
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Site Screening recommended (EV)
Further Action: 0
Comments: Not reported

Action ID: 9459
Region: Northwestern Region
Complete Date: 11/03/2003
Rank Value: Not reported
Cleanup Flag: False

EAST SIDE PLATING - PLANT 5 (Continued) **S106115367**

Created Date: 09/19/2003
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: PRELIMINARY ASSESSMENT EQUIVALENT
Further Action: 0
Comments: Not reported

Action ID: 9449
Region: Northwestern Region
Complete Date: 11/03/2003
Rank Value: Not reported
Cleanup Flag: False
Created Date: 09/19/2003
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Listing Action
Action Code Flag: False
Action: Insufficient information to list
Further Action: 0
Comments: Not reported

Action ID: 9517
Region: Northwestern Region
Complete Date: 03/01/2004
Rank Value: Not reported
Cleanup Flag: False
Created Date: 09/19/2003
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: SRS Waiting List
Further Action: 0
Comments: Not reported

Action ID: 9506
Region: Northwestern Region
Complete Date: 11/03/2003
Rank Value: 87
Cleanup Flag: False
Created Date: 11/03/2003
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Site Investigation recommended (SI)
Further Action: High
Comments: Not reported

Action ID: 9440
Region: Northwestern Region
Complete Date: 03/10/2010
Rank Value: Not reported
Cleanup Flag: False
Created Date: 06/24/2005

EAST SIDE PLATING - PLANT 5 (Continued) **S106115367**

Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Letter Agreement
Further Action: 0
Comments: Not reported

Action ID: 9511
Region: Northwestern Region
Complete Date: 03/10/2010
Rank Value: Not reported
Cleanup Flag: False
Created Date: 06/24/2005
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: SITE INVESTIGATION
Further Action: 0
Comments: Not reported

Action ID: 9442
Region: Northwestern Region
Complete Date: 05/23/2005
Rank Value: Not reported
Cleanup Flag: False
Created Date: 06/24/2005
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: NEGOTIATIONS
Further Action: 0
Comments: Not reported

Action ID: 9499
Region: Northwestern Region
Complete Date: Not reported
Rank Value: Not reported
Cleanup Flag: False
Created Date: 05/08/2007
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Listing Action
Action Code Flag: False
Action: Proposal for Inventory recommended
Further Action: 0
Comments: Not reported

Operations:
Operation Id: 134796
Operation Status: Active
Common Name: East Side Plating, Inc.
Yrs of Operation: 1985 - present
Comments: Metal plating, Electropolishing and Powder Coating, using Cr, Cd, Cu, Zn, Ni
Updated Date: 09/19/2003

EAST SIDE PLATING - PLANT 5 (Continued) **S106115367**

Updated By:	SFORTUN
Decode for OpstatID:	Active
Operations SIC Id:	198241
SIC Code:	3471
Created By:	SFORTUN
Created Date:	08/20/2003
Operations SIC Id:	198242
SIC Code:	3479
Created By:	SFORTUN
Created Date:	08/20/2003
Operations SIC Id:	198244
SIC Code:	3559
Created By:	SFORTUN
Created Date:	08/20/2003

Operation Id:	134824
Operation Status:	Inactive
Common Name:	Production Plating
Yrs of Operation:	1980-1985
Comments:	Similar plating operation, operated by East Side Plating.
Updated Date:	09/19/2003
Updated By:	SFORTUN
Decode for OpstatID:	Inactive
Operations SIC Id:	198278
SIC Code:	3471
Created By:	SFORTUN
Created Date:	09/19/2003

CS369 **HEATING OIL TANK** **OR LUST** **S103415181**
WNW **107 SE WASHINGTON ST** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.487 mi.
2572 ft. **Site 2 of 3 in cluster CS**

Relative: **Lower**
Actual: **34 ft.**

LUST:

Region:	North Western Region
Facility ID:	26-02-5416
Cleanup Received Date:	03/14/2002
Cleanup Start Date:	03/14/2002
Cleanup Complete Date:	**05/23/2002**
Decode for Region:	**North West Region**

CW370 **HEATING OIL TANK** **OR LUST** **S118869212**
ENE **2005 SE PINE ST** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.488 mi.
2574 ft. **Site 4 of 4 in cluster CW**

Relative: **Higher**
Actual: **130 ft.**

LUST:

Region:	North Western Region
Facility ID:	26-16-0465
Cleanup Received Date:	04/18/2016
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**11/23/2016**
Decode for Region:	**North West Region**

CZ371 **HEATING OIL TANK** **OR LUST** **S117881002**
NNE **1705 E BURNSIDE ST** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.490 mi.
2587 ft. **Site 2 of 3 in cluster CZ**

Relative:
Higher

Actual:
133 ft.

LUST:

Region:	North Western Region
Facility ID:	26-15-0154
Cleanup Received Date:	02/10/2015
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**05/06/2015**
Decode for Region:	**North West Region**

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372 **HEATING OIL TANK** **OR LUST** **S113230781**
NE **1923 SE ASH ST** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.490 mi.
2587 ft.

Relative:
Higher

Actual:
136 ft.

LUST:

Region:	North Western Region
Facility ID:	26-12-1205
Cleanup Received Date:	10/02/2012
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**03/26/2013**
Decode for Region:	**North West Region**

CS373 **DEALERS SUPPLY COMPANY** **OR LUST** **U000432680**
WNW **110 SE WASHINGTON** **OR UST** **N/A**
1/4-1/2 **PORTLAND, OR 97214** **OR MANIFEST**
0.491 mi.
2594 ft. **Site 3 of 3 in cluster CS**

Relative:
Lower

Actual:
33 ft.

LUST:

Region:	North Western Region
Facility ID:	26-99-0197
Cleanup Received Date:	03/03/1999
Cleanup Start Date:	02/26/1999
Cleanup Complete Date:	**07/22/2013**
Decode for Region:	**North West Region**

UST:

Facility ID:	6408
Facility Telephone:	(503)236-1195
Permittee Name:	PETER D FRANCIS, PRESIDENT
Number of Permitted Tanks:	Not reported
Active Tanks:	Not reported
Decommissioned Tanks:	3
Number of Tanks:	3

OR MANIFEST:

Manifest Year:	Manifest Year - 2013
EPA Id:	ORQ000032175
Inactive Status:	2013-12-31 00:00:00
Organization Name:	Not reported
Contact Name:	Isaac Leitz

DEALERS SUPPLY COMPANY (Continued) **U000432680**

Contact Telephone Number: Not reported
Mailing Address: 2345 NW Nicolai
Mailing City/State/Zip: Portland, OR 97086

Manifest:
Year : 2013
RCRA Id : ORQ000032175
Inactive : 2013-12-31 00:00:00
Status: Large quantity generator
Manifest : 005039183
Ship Date : 06/07/2013
TSD : UTD981552177
WS Num: 1
Transporter: MAD039322250
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H040
EPA Waste Codes: D001 D002 D026
Waste Description: expired roofing and waterproofing
Total Amt Of Waste Stream Generated in Reporting Yr 1: 5733.4531125000003
Total Amt Of Waste Stream Generated in Reporting Yr 2: 1002.8812375

Year : 2013
RCRA Id : ORQ000032175
Inactive : 2013-12-31 00:00:00
Status: Large quantity generator
Manifest : 005039184
Ship Date : 06/07/2013
TSD : UTD981552177
WS Num: 1
Transporter: MAD039322250
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H040
EPA Waste Codes: D001 D002 D026
Waste Description: expired roofing and waterproofing
Total Amt Of Waste Stream Generated in Reporting Yr 1: 5733.4531125000003
Total Amt Of Waste Stream Generated in Reporting Yr 2: 1248.870975

Year : 2013
RCRA Id : ORQ000032175
Inactive : 2013-12-31 00:00:00
Status: Large quantity generator
Manifest : 006052287
Ship Date : 06/07/2013
TSD : UTD981552177
WS Num: 1
Transporter: MAD039322250
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H040
EPA Waste Codes: D001 D002 D026
Waste Description: expired roofing and waterproofing
Total Amt Of Waste Stream Generated in Reporting Yr 1: 5733.4531125000003
Total Amt Of Waste Stream Generated in Reporting Yr 2: 3481.7008999999998

DE374
ESE
1/4-1/2
0.491 mi.
2595 ft.

HEATING OIL TANK
2126 SE TAYLOR ST
PORTLAND, OR 97214

Site 2 of 2 in cluster DE

OR LUST **S108572183**
N/A

Relative:
Higher

Actual:
133 ft.

LUST:

Region:	North Western Region
Facility ID:	26-06-2164
Cleanup Received Date:	12/15/2006
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**03/14/2007**
Decode for Region:	**North West Region**

CQ375
NNW
1/4-1/2
0.492 mi.
2598 ft.

HEATING OIL TANK
515 E BURNSIDE ST
PORTLAND, OR 97214

Site 2 of 2 in cluster CQ

OR LUST **S110737777**
N/A

Relative:
Higher

Actual:
72 ft.

LUST:

Region:	North Western Region
Facility ID:	26-10-1224
Cleanup Received Date:	12/10/2010
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**07/01/2013**
Decode for Region:	**North West Region**

376
SE
1/4-1/2
0.493 mi.
2601 ft.

HEATING OIL TANK
1717 SE HAZEL ST
PORTLAND, OR 97214

OR LUST **S120414202**
N/A

Relative:
Lower

Actual:
68 ft.

LUST:

Region:	North Western Region
Facility ID:	26-16-1432
Cleanup Received Date:	10/27/2016
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**12/02/2016**
Decode for Region:	**North West Region**

CZ377
NE
1/4-1/2
0.495 mi.
2611 ft.

HEATING OIL TANK
1715 E BURNSIDE ST
PORTLAND, OR 97214

Site 3 of 3 in cluster CZ

OR LUST **S106777033**
N/A

Relative:
Higher

Actual:
133 ft.

LUST:

Region:	North Western Region
Facility ID:	26-04-1496
Cleanup Received Date:	07/27/2004
Cleanup Start Date:	07/27/2004
Cleanup Complete Date:	**10/24/2012**
Decode for Region:	**North West Region**

378
SE
1/4-1/2
0.495 mi.
2612 ft.

7-ELEVEN FOOD STORE #25200
1930 SE HAWTHORNE BLVD
PORTLAND, OR 97214

OR LUST

S108987369
N/A

Relative:
Higher

Actual:
97 ft.

LUST:

Region:	North Western Region
Facility ID:	26-07-1841
Cleanup Received Date:	11/27/2007
Cleanup Start Date:	03/03/2007
Cleanup Complete Date:	**03/03/2011**
Decode for Region:	**North West Region**

CR379
ESE
1/4-1/2
0.497 mi.
2622 ft.

HEATING OIL TANK
2101 SE MAIN ST
PORTLAND, OR 97214

Site 4 of 4 in cluster CR

OR LUST

S108572156
N/A

Relative:
Higher

Actual:
119 ft.

LUST:

Region:	North Western Region
Facility ID:	26-06-1811
Cleanup Received Date:	10/10/2006
Cleanup Start Date:	10/11/2006
Cleanup Complete Date:	**06/21/2007**
Decode for Region:	**North West Region**

380
NNW
1/4-1/2
0.497 mi.
2626 ft.

INSTRUMENT SALES & SERVICE
33 NE 6TH AVE
PORTLAND, OR 97232

OR LUST
OR UST

U004015327
N/A

Relative:
Higher

Actual:
74 ft.

LUST:

Region:	North Western Region
Facility ID:	26-92-0112
Cleanup Received Date:	04/23/1992
Cleanup Start Date:	04/23/1992
Cleanup Complete Date:	**11/09/1992**
Decode for Region:	**North West Region**

UST:

Facility ID:	11070
Facility Telephone:	(503)288-4488
Permittee Name:	PAUL WENDLICK, VP
Number of Permitted Tanks:	Not reported
Active Tanks:	Not reported
Decommissioned Tanks:	1
Number of Tanks:	1

DC381 **HEATING OIL TANK** **OR LUST** **S101385376**
NE **1831 SE ANKENY** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.498 mi.
2630 ft. **Site 2 of 2 in cluster DC**

Relative: **Higher**
Actual: **136 ft.**

LUST:

Region:	North Western Region
Facility ID:	26-95-0066
Cleanup Received Date:	03/24/1995
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**Not reported**
Decode for Region:	**North West Region**

DD382 **TICE ELECTRIC COMPANY** **OR LUST** **U000432748**
East **2139 SE BELMONT ST** **OR UST** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.499 mi.
2634 ft. **Site 2 of 2 in cluster DD**

Relative: **Higher**
Actual: **122 ft.**

LUST:

Region:	North Western Region
Facility ID:	26-07-0463
Cleanup Received Date:	04/09/2007
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**06/08/2007**
Decode for Region:	**North West Region**

Region:	North Western Region
Facility ID:	26-90-0168
Cleanup Received Date:	05/08/1990
Cleanup Start Date:	05/03/1990
Cleanup Complete Date:	**05/21/1990**
Decode for Region:	**North West Region**

UST:

Facility ID:	8626
Facility Telephone:	(503)233-8801
Permittee Name:	JOHN H MALONEY, PRESIDENT
Number of Permitted Tanks:	Not reported
Active Tanks:	Not reported
Decommissioned Tanks:	2
Number of Tanks:	2

DB383 **HEATING OIL TANK** **OR LUST** **S112059216**
South **1925 SE LARCH AVE** **N/A**
1/4-1/2 **PORTLAND, OR 97214**
0.500 mi.
2639 ft. **Site 2 of 2 in cluster DB**

Relative: **Lower**
Actual: **50 ft.**

LUST:

Region:	North Western Region
Facility ID:	26-12-0455
Cleanup Received Date:	05/02/2012
Cleanup Start Date:	Not reported
Cleanup Complete Date:	**10/16/2012**
Decode for Region:	**North West Region**

384
ESE
1/4-1/2
0.500 mi.
2640 ft.

HEATING OIL TANK
2023 SE MADISON
PORTLAND, OR 97214

OR LUST

S102590040
N/A

Relative:
Higher

Actual:
113 ft.

LUST:

Region:	North Western Region
Facility ID:	26-97-0513
Cleanup Received Date:	07/09/1997
Cleanup Start Date:	07/02/1997
Cleanup Complete Date:	**08/21/1997**
Decode for Region:	**North West Region**

385
SW
1/2-1
0.513 mi.
2710 ft.

PORTLAND LAUNDRY BUILDING
1740 SE GRAND AVE.
PORTLAND, OR 97214

OR CRL
OR ECSI
OR INST CONTROL
OR BROWNFIELDS

S106780215
N/A

Relative:
Higher

Actual:
69 ft.

CRL:

Facility ID:	4311
Location ID:	86986
Status Code:	LIS
Facility Status:	No Further Action (Conditional)
Lat/Long:	45.5103 / -122.6613

ECSI:

State ID Number:	4311
Brown ID:	Brownfield Site - DEQ Tech Assistance
Study Area:	False
Region ID:	2
Legislatve ID:	831
Investigation:	Listed on the CRL/Inventory
FACA ID:	86986
Further Action:	0
Lat/Long (dms):	45 30 37.10 / -122 39 40.70
County Code:	26.00
Score Value:	Not reported
Cerclis ID:	Not reported
Township Coord.:	1.00
Township Zone:	S
Range Coord:	1.00
Range Zone:	E
Section Coord:	2
Qtr Section:	Not reported
Tax Lots:	9800
Size:	0.57 acre
NPL:	False
Orphan:	False
Updated By:	CHARMAN
Update Date:	08/31/2012
Created Date:	12/23/2004
Decode For RegionID:	Northwest Region
Decode For BrownID:	Brownfield Site - DEQ Technical Assistance
Decode For Furtheract:	Not reported
Decode For Investstat:	Listed on the CRL/Inventory
Decode For Legislative:	Owner, operator or other party under agreement, order or consent decree under ORS 465.200 or 465.420

PORTLAND LAUNDRY BUILDING (Continued) **S106780215**

Alias Name: Carpet Carl

Narrative:

NARR ID: 5746076
NARR Code: Contamination
Created By: LGIBSON
Created Date: 12/23/2004
Updated By: GWISTAR
Updated Date: 05/18/2006
Decode for NarcdID: Contamination
NARR Comments: [12/15/2004, RH] The contaminants from the UST systems are present and cleanup via soil removal has occurred. Confirmation soil sampling and expanded subsurface investigation has been completed. Cleanup appears complete at the gasoline UST area, although one of the confirmation samples which previously detected gasoline did not detected benzene with a 5.0 ppm detection limit. Further soil sampling did not detect gasoline in a pit sample. In the vicinity of the former bunker C oil tank, high concentrations of deisel and oil remain in the pit area (this is where the PCE was detected). The expanded soil investigation did not detect diesel or oil to 15 feet bgs, which may not be cemented gravel and sand was reported and there was geoprobe refusal. No further investigation has been completed.

NARR ID: 5748128
NARR Code: Data Sources
Created By: GWISTAR
Created Date: 05/18/2006
Updated By: GWISTAR
Updated Date: 05/18/2006
Decode for NarcdID: Data Sources
NARR Comments: DEQ reviewed a report from David Brown & Associates that may be missing from the site files.

NARR ID: 5746074
NARR Code: Manner of Release
Created By: LGIBSON
Created Date: 12/23/2004
Updated By: LGIBSON
Updated Date: 12/23/2004
Decode for NarcdID: Manner of Release
NARR Comments: [12/15/2004, RH] Releases from the gasoline and bunker oil USTs reported in 1994.

NARR ID: 5746075
NARR Code: Remedial Action
Created By: LGIBSON
Created Date: 12/23/2004
Updated By: RWILLIA
Updated Date: 12/06/2005
Decode for NarcdID: Remedial Action
NARR Comments: [12/15/2004, RH] Up to 6.3 ppm PCE detected at approximately 21 feet bgs. Also, 0.5 ppm PCE at approximately 13 feet bgs in same boring.

Site Control:

Site Control #: 653
Control Number: 1
Begin Date: 08/29/2012
End Date: Not reported

PORTLAND LAUNDRY BUILDING (Continued) **S106780215**

Frequency Of Review: 60
Last Reviewed By: C. Harman, DEQ
Last Reviewed Date: Not reported
Last Update By: CHARMAN
Last Updated Date: 10/09/2012
Site Comment: Deed Notice filed for maintaining floor within facility as a protective cap and proper soil management during any future ground disturbing activity.

Administrative Action:
Action ID: 9412
Region: Northwestern Region
Complete Date: 08/29/2012
Rank Value: Not reported
Cleanup Flag: False
Created Date: 02/22/2008
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Consent Order
Further Action: 0
Comments: Not reported

Action ID: 9411
Region: Northwestern Region
Complete Date: 08/31/2012
Rank Value: Not reported
Cleanup Flag: True
Created Date: 08/31/2012
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: No Further Action (Conditional)
Further Action: 0
Comments: Not reported

Action ID: 9438
Region: Northwestern Region
Complete Date: Not reported
Rank Value: Not reported
Cleanup Flag: False
Created Date: 08/31/2012
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Listing Action
Action Code Flag: False
Action: Facility placed on Confirmed Release List
Further Action: 0
Comments: Not reported

Action ID: 9424
Region: Not reported
Complete Date: 12/23/2004
Rank Value: Not reported
Cleanup Flag: False
Created Date: 12/23/2004

PORTLAND LAUNDRY BUILDING (Continued) **S106780215**

Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Administrative Action
Action Code Flag: False
Action: Site added to database
Further Action: Not reported
Comments: Not reported

Action ID: 9469
Region: Northwestern Region
Complete Date: 12/25/2004
Rank Value: Not reported
Cleanup Flag: False
Created Date: 12/23/2004
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: REMEDIAL ACTION
Further Action: 0
Comments: Not reported

Action ID: 9508
Region: Northwestern Region
Complete Date: Not reported
Rank Value: Not reported
Cleanup Flag: False
Created Date: 12/23/2004
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Site Screening recommended (EV)
Further Action: 0
Comments: Not reported

Institutional Control:
Site Control Sequence #: 653
Site Id: 4311
Control Sequence #: 1
Begin Date: 08/29/2012
End Date: Not reported
Frequency Of Review: 60
Last Reviewed By: C. Harman, DEQ
Last Review Date: Not reported
Last Updated By: CHARMAN
Last Updated Date: 10/09/2012
Group Sequence #: 1
Control Code: DN
Control Description: Deed Notice
FK Type Code: 1
Group Code: ID
Group Description: Informational Devices
Type Code: I
Type Description: Institutional
Comments: Deed Notice filed for maintaining floor within facility as a protective cap and proper soil management during any future ground

PORTLAND LAUNDRY BUILDING (Continued) **S106780215**

disturbing activity.

OR BROWNFIELDS:
Geolocation Id: 86986
Status: No Further Action (Conditional)
Lat/Long: 45.5103 / -122.661

386
WSW
1/2-1
0.521 mi.
2749 ft.

NW CAST METAL PRODUCTS - SE TAYLOR ST. **OR ECSI** **S106236416**
79 SE TAYLOR ST. **N/A**
PORTLAND, OR 97214

Relative:
Lower

Actual:
39 ft.

ECSI:
State ID Number: 1135
Brown ID: 0
Study Area: False
Region ID: 2
Legislatve ID: 0
Investigation: Suspect
FACA ID: 6233
Further Action: 260
Lat/Long (dms): 45 30 54.70 / -122 39 54.00
County Code: 26.00
Score Value: Not reported
Cerclis ID: 980985618
Township Coord.: 1.00
Township Zone: S
Range Coord: 1.00
Range Zone: E
Section Coord: 3
Qtr Section: ADBA
Tax Lots: 1S1E03AD 1100
Size: 10,000 sq ft
NPL: False
Orphan: False
Updated By: SFORTUN
Update Date: 06/11/2008
Created Date: 10/15/1991
Decode For RegionID: Northwest Region
Decode For BrownID: Not reported
Decode For Furtheract: Low
Decode For Investstat: Suspect
Decode For Legislative: Not reported
Alias Name: Auric Enterprises, Inc.
Alias Name: Broad Spectrum Electronics - SE Taylor ST
Alias Name: H & M Electronics
Alias Name: Pacific Meats, Inc.
Alias Name: Ross Electric

Hazardous Release:
Substance ID.: 121996
Haz Release ID: 380379
Qty Released: Unknown
Date Released: Before 1/24/90.
Update Date: 05/03/1996
Update By: Not reported
Substance Code: ECD228

NW CAST METAL PRODUCTS - SE TAYLOR ST. (Continued) **S106236416**

Substance Name: PETROLEUM HYDROCARBONS
Substance Abbrev.: Not reported
Substance Category ID: 8534
Substance Category: Petroleum Related Releases for OSPIRG Report
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8534
Substance Category: Petroleum Related Releases for OSPIRG Report
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Comment ID: 302773
Release Code: Data Sources
Release Comments: Level I Environmental Site Assessment by SRH Environmental Management, 2/6/90.
Decode for Relcomcd: Data Sources
Comment ID: 302774
Release Code: General Comments
Release Comments: Presence of heavy petroleum hydrocarbons in soils suggests possible PCBs also.
Decode for Relcomcd: General Comments
Comment ID: 302775
Release Code: Media Contamination Footnote
Release Comments: TPH contamination in soils in cavity in basement floor of building.
Decode for Relcomcd: Media Contamination Footnote
Comment ID: 302776
Release Code: Release Containment
Release Comments: Anticipate only limited contaminant diffusion since contaminated soils are beneath the building and groundwater table is deep.
Decode for Relcomcd: Release Containment
Sampling Result ID: 342041
Feature Id: Not reported
Hazard Release Id: 380379
Medium: 703
Substance Abbrev.: Not reported
Unit Code: 110
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Surface
Start Date: 01/24/1990
End Date: 01/24/1990
Min Concentration: .00
Max Concentration: 126.00
Sample Comment: Not reported
Last Update By: sxf
Update Date: 03/05/1996
Decode for MediumID: Soil

Narrative:
NARR ID: 5731677
NARR Code: Site Contacts
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Site Contacts

NW CAST METAL PRODUCTS - SE TAYLOR ST. (Continued) **S106236416**

NARR Comments: Building Owner: Michael L. Kauth, M. L. Kauth, Incorporated, 1523 NE 6th Ave, Portland 97232, (503) 284-1207; residence 4650 SW Ormandy Way, Portland 97221.

NARR ID: 5731678
NARR Code: Contamination
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Contamination
NARR Comments: The site is a four-story building. Broad Spectrum Electronics, a division of Northwest Cast Metal Products, operated out of a small laboratory on the southeast corner of the third floor. Peter O. Haney, the founder of NW Cast Metal, had a record of illegal waste disposal practices involving transformer salvaging and secondary metal smelting operations. In March 1983, DEQ received an anonymous complaint alleging that Broad Spectrum had dumped sodium cyanide and nitric and sulfuric acids down the sink. Broad Spectrum replied that any discharges were unintentional and minor, and their operation shut down a few months later. (Peter Haney died in a truck accident in 1985. For more information on his activities, see ECSI #'s 96, 145, 690, 999, and 1279.) It has been alleged/suspected that Northwest Cast Metal Products stored PCB-containing transformers and capacitors on other floors of this building. A cavity in the concrete floor of the building's basement (exposing subsurface soils) has shallow petroleum contamination, suggesting that PCBs may also have been released in the cavity.

NARR ID: 5731679
NARR Code: Data Sources
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Data Sources
NARR Comments: EPA Site Assessment, January 1989. Level 1 Site Assessment, SRH Environmental Management, February 1990. Site History Study, SAFE Research, January 1990. Recommendation to Landmark Commission, Portland Bureau of Planning, May 1989.

NARR ID: 5731680
NARR Code: General Site Description
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: General Site Description
NARR Comments: Site is a 4-story brick building, former Southern Pacific Railroad warehouse, registered historic site 1912 International Harvester Building. The building has been used as warehousing for a large number of companies and individuals over the years. The building has sanitary sewer service, a basement, elevator, and has historically been heated with oil (a heating oil UST was located on the south side of the building, beneath the sidewalk). The building is at the northwest corner of SE Taylor and SE 1st on Portland's Central Eastside. Active railroad tracks run along the building's east side

NW CAST METAL PRODUCTS - SE TAYLOR ST. (Continued) **S106236416**

(Southern Pacific R/R). The building occupies a 10,000 sq ft area of the block, the rest of the 30,000 sq ft area being occupied by buildings owned by Promotion Products, Incorporated (PPI), a promotional display marketer. There are no exposed soils on the block, which is surrounded by industrial operations.

NARR ID: 5731681
NARR Code: Hazardous Substance/Waste Types
Created By: Not reported
Created Date: 12/17/2002
Updated By: GWISTAR
Updated Date: 06/23/2003
Decode for NarcdID: Hazardous Substance/Waste Types
NARR Comments: (4/6/88 MER) Substances allegedly stored or disposed of on-site include: PCBs; organic solvents; lead, arsenic, mercury, zinc, and cyanide compounds; phenols; nitric/hydrochloric/sulfuric acids.

NARR ID: 5731682
NARR Code: Project Issues Summary
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Project Issues Summary
NARR Comments: A 1983 anonymous complaint alleged that Broad Spectrum Electronics had dumped acids and cyanide down a <quot>laboratory<quot> drain on the building's third floor. The drain was attached to the Portland sanitary sewer system. There have also been allegations/suspicions that Northwest Cast Metal Products may have stored PCB containing transformers and capacitors on other floors of the building, and may have disposed of PCBs on the site. There are no exposed soils on the block where the building is located, and the nearest storm sewer is located nearly 200 feet to the west of the building. A 2-foot by 3-foot cavity (18-inches deep) in the building's basement floor is the only possible discharge site within the building. Soils within the cavity had 126 ppm TPH on the surface, and no detectable TPH at 5 feet deep. The presence of TPH suggests that PCBs may also be present, although these soils were not analyzed for PCBs.

NARR ID: 5731683
NARR Code: Site Location
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Site Location
NARR Comments: The Broad Spectrum Electronics laboratory was located on the east half of the International Harvester Building's third floor. The building is located at the northwest corner of SE 1st and SE Taylor in Portland.

NARR ID: 5731684
NARR Code: Manner of Release
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002

NW CAST METAL PRODUCTS - SE TAYLOR ST. (Continued) **S106236416**

Decode for NarcdID: Manner of Release
NARR Comments: Because of the company's operating history, any on-site releases are assumed to be intentional discharges (<quot>dumping<quot>).

NARR ID: 5731685
NARR Code: Site Ownership
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Site Ownership
NARR Comments: Current building owner is Michael L. Kauth (M.L. Kauth, Inc). George Karsnis was Registered Agent/President of Northwest Cast Metal Products, Inc., between 1/25/77 and 3/29/85. At that time, Peter O. Haney was listed as Secretary. On 1/25/77, Peter O. Haney was listed as Registered Agent/President of NW Cast Metal, with his wife Eileen A. Haney listed as Secret. Broad Spectrum Electronics operated at the site, the building owner was Howard Stenger. Other Peter O. Haney sites include ECSI #96. 145, 690, and 999.

NARR ID: 5731686
NARR Code: Pathways Other Hazards
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Pathways & Other Hazards
NARR Comments: The site is located in Portland's Central Eastside Industrial District, within 1000 feet of the Willamette River.

NARR ID: 5731687
NARR Code: Remedial Action
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Remedial Action
NARR Comments: There is circumstantial evidence that hazardous substances may have been improperly disposed of at the site.

NARR ID: 5731688
NARR Code: Substances of Concern
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Substances of Concern
NARR Comments: Cyanide, acids, possible toxic metals, PCBs.

Administrative Action:
Action ID: 9421
Region: Not reported
Complete Date: Not reported
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Environmental Protection Agency
Decode for RegionID: Not reported

NW CAST METAL PRODUCTS - SE TAYLOR ST. (Continued) **S106236416**

Category: EPA Led Action
Action Code Flag: False
Action: Site added to CERCLIS
Further Action: Not reported
Comments: Not reported

Action ID: 9459
Region: Northwestern Region
Complete Date: 02/22/1996
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: PRELIMINARY ASSESSMENT EQUIVALENT
Further Action: Not reported
Comments: Not reported

Action ID: 9505
Region: Northwestern Region
Complete Date: 03/05/1996
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Site Confirmatory Sampling recommended
Further Action: Low
Comments: Not reported

Action ID: 9424
Region: Headquarters
Complete Date: Not reported
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Administrative Action
Action Code Flag: False
Action: Site added to database
Further Action: Not reported
Comments: Not reported

Action ID: 9458
Region: Not reported
Complete Date: 03/28/1988
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Environmental Protection Agency
Decode for RegionID: Not reported
Category: EPA Led Action

NW CAST METAL PRODUCTS - SE TAYLOR ST. (Continued) **S106236416**

Action Code Flag: False
Action: EPA Preliminary Assessment 2
Further Action: Not reported
Comments: Not reported

Action ID: 9508
Region: Headquarters
Complete Date: 02/12/1994
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Remedial Action
Action Code Flag: False
Action: Site Screening recommended (EV)
Further Action: Not reported
Comments: Not reported

Action ID: 9457
Region: Not reported
Complete Date: 09/28/1987
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Environmental Protection Agency
Decode for RegionID: Not reported
Category: EPA Led Action
Action Code Flag: False
Action: EPA Basic Preliminary Assessment
Further Action: Not reported
Comments: Not reported

Action ID: 9444
Region: Not reported
Complete Date: 03/28/1988
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Environmental Protection Agency
Decode for RegionID: Not reported
Category: EPA Led Action
Action Code Flag: False
Action: No Further Remedial Action Planned under Federal program
Further Action: Not reported
Comments: Not reported

Operations:
Operation Id: 132440
Operation Status: Inactive
Common Name: Broad Spectrum Electronics
Yrs of Operation: 5/82 to 7/83
Comments: Metal reclamation: gold from printed electrical circuit boards
Updated Date: 02/23/1996
Updated By: sxf
Decode for OpstatID: Inactive
Operations SIC Id: 195616
SIC Code: 3449

NW CAST METAL PRODUCTS - SE TAYLOR ST. (Continued) **S106236416**

Created By: Not reported
Created Date: 12/17/2002

387
SSW
1/2-1
0.523 mi.
2763 ft.

GOODWILL INDUSTRIES
1812 SE 6TH AVE.
PORTLAND, OR 97214

OR ECSI **S103842399**
OR VCP **N/A**
OR BROWNFIELDS

Relative:
Lower

Actual:
68 ft.

ECSI:

State ID Number:	1475
Brown ID:	Brownfield Site - No Public Sector Assistance
Study Area:	False
Region ID:	2
Legislatve ID:	0
Investigation:	No Further Action
FACA ID:	8925
Further Action:	0
Lat/Long (dms):	45 30 35.30 / -122 39 33.50
County Code:	26.00
Score Value:	Not reported
Cerclis ID:	Not reported
Township Coord.:	1.00
Township Zone:	S
Range Coord:	1.00
Range Zone:	E
Section Coord:	2
Qtr Section:	Not reported
Tax Lots:	Not reported
Size:	0.3 acre
NPL:	False
Orphan:	False
Updated By:	GWISTAR
Update Date:	12/31/2015
Created Date:	12/03/1993
Decode For RegionID:	Northwest Region
Decode For BrownID:	Brownfield Site - no Public Sector Assistance
Decode For Furtheract:	Not reported
Decode For Investstat:	No Further Action
Decode For Legislative:	Not reported

Narrative:

NARR ID:	5733704
NARR Code:	Contamination
Created By:	Not reported
Created Date:	12/17/2002
Updated By:	Not reported
Updated Date:	12/17/2002
Decode for NarcdID:	Contamination
NARR Comments:	Soil only, no groundwater. Contamination mostly removed.

NARR ID:	5733705
NARR Code:	Hazardous Substance/Waste Types
Created By:	Not reported
Created Date:	12/17/2002
Updated By:	Not reported
Updated Date:	12/17/2002
Decode for NarcdID:	Hazardous Substance/Waste Types

GOODWILL INDUSTRIES (Continued) **S103842399**

NARR Comments: Very low levels of PCBs and hydrocarbons in soil.

NARR ID: 5733706
NARR Code: Manner of Release
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Manner of Release
NARR Comments: Manner and time of release unknown.

NARR ID: 5733707
NARR Code: Remedial Action
Created By: Not reported
Created Date: 12/17/2002
Updated By: GWISTAR
Updated Date: 05/22/2003
Decode for NarcdID: Remedial Action
NARR Comments: Minor cleanup already occurred. Report submitted 12/93. (12/3/93 GMW/SAS) There is no indication of significant contamination at this site, but a closer review of the site file and perhaps additional sampling would be needed for an NFA determination.

Administrative Action:
Action ID: 9443
Region: Northwestern Region
Complete Date: 05/05/2010
Rank Value: Not reported
Cleanup Flag: False
Created Date: 12/21/2015
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: NO FURTHER STATE ACTION REQUIRED
Further Action: 0
Comments: Not reported

Action ID: 9424
Region: Northwestern Region
Complete Date: Not reported
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Administrative Action
Action Code Flag: False
Action: Site added to database
Further Action: Not reported
Comments: Not reported

Action ID: 9505
Region: Northwestern Region
Complete Date: 08/08/1995
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002

GOODWILL INDUSTRIES (Continued) **S103842399**

Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Site Confirmatory Sampling recommended
Further Action: Low
Comments: Not reported

Action ID: 9425
Region: Northwestern Region
Complete Date: 08/08/1995
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: SITE EVALUATION
Further Action: Not reported
Comments: Not reported

Action ID: 9508
Region: Northwestern Region
Complete Date: 12/03/1993
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Site Screening recommended (EV)
Further Action: Not reported
Comments: Not reported

Operations:
Operation Id: 132807
Operation Status: Unknown
Common Name: Goodwill Industries
Yrs of Operation: unknown
Comments: Parking lot adjacent to Goodwill store.
Updated Date: 08/08/1995
Updated By: gmw
Decode for OpstatID: Unknown

VCS:
ECS Site ID: 1475
Facility Size: 0.3 acre
Action: NO FURTHER STATE ACTION REQUIRED
Start Date: 05/05/2010
End Date: 05/05/2010
Facility Status: Completed
Program: ICP
Latitude: 45.5098
Longitude: -122.6593

GOODWILL INDUSTRIES (Continued) **S103842399**

OR BROWNFIELDS:
Geolocation Id: 8925
Status: NO FURTHER STATE ACTION REQUIRED
Lat/Long: 45.5098 / -122.659

DG388 **EAST PORTLAND GAS WORKS (FORMER)** **EDR MGP** **1012008547**
NW **110 SE 2ND AVE. & 5 SE MARTIN LUTHER KING, JR. BLVD.** **N/A**
1/2-1 **PORTLAND, OR 97214**
0.527 mi.
2784 ft. **Site 1 of 4 in cluster DG**

Relative:
Lower

Actual:
50 ft.

Manufactured Gas Plants:
No additional information available

DG389 **5 MLK** **OR ECSI** **S113408883**
NW **5 SE M L KING BLVD** **OR LUST** **N/A**
1/2-1 **PORTLAND, OR 97214** **OR VCP**
0.531 mi. **OR NPDES**
2806 ft. **Site 2 of 4 in cluster DG**

Relative:
Lower

Actual:
51 ft.

ECSI:

State ID Number:	5798
Brown ID:	0
Study Area:	False
Region ID:	2
Legislatve ID:	0
Investigation:	No Further Action
FACA ID:	127158
Further Action:	0
Lat/Long (dms):	45 31 21.00 / -122 39 43.60
County Code:	26.00
Score Value:	Not reported
Cerclis ID:	Not reported
Township Coord.:	1.00
Township Zone:	N
Range Coord:	1.00
Range Zone:	E
Section Coord:	34
Qtr Section:	DD
Tax Lots:	400
Size:	0.21 acre
NPL:	False
Orphan:	False
Updated By:	GWISTAR
Update Date:	09/10/2014
Created Date:	03/22/2013
Decode For RegionID:	Northwest Region
Decode For BrownID:	Not reported
Decode For Furtheract:	Not reported
Decode For Investstat:	No Further Action
Decode For Legislative:	Not reported

Narrative:
NARR ID: 5754598

5 MLK (Continued) **S113408883**

NARR Code: Site Contacts
Created By: GWISTAR
Created Date: 04/22/2013
Updated By: GWISTAR
Updated Date: 04/22/2013
Decode for NarcdID: Site Contacts
NARR Comments: Doris Gulden, Finance Executive Fishel's, Inc. 5 SE M.L. King Jr. Blvd. Portland, OR 97214-1128 503-235-8941

NARR ID: 5754879
NARR Code: Data Sources
Created By: CHARMAN
Created Date: 10/09/2013
Updated By: CHARMAN
Updated Date: 10/09/2013
Decode for NarcdID: Data Sources
NARR Comments: (10/09/13 CWH/CU) Northwest Geotech, Inc., Phase I Environmental Site Assessment, East Portland Gas Works, 5 SE Martin Luther King Boulevard, Portland, OR; December 3, 2012. GeoEngineers, Response to DEQ Comments, Former Gas Holder Tank Site, Tax Lot 400, 5 MLK Boulevard, Portland, Oregon; July 24, 2013 GeoEngineers, Phase II Environmental Site Assessment, Former Gas Holder Tank Site, Tax Lot 400, 5 MLK Boulevard, Portland, Oregon; June 21, 2013 GeoEngineers, Phase II Environmental Site Assessment Work Plan, Former Gas Holder Tank Site, Tax Lot 400, 5 MLK Boulevard, Portland, Oregon; March 14, 2013 Oregon Department of Environmental Quality; Cleanup Program files for ECSI# 4426 and 5798; DEQ Northwest Region Office.

NARR ID: 5754556
NARR Code: General Site Description
Created By: CHARMAN
Created Date: 03/22/2013
Updated By: CHARMAN
Updated Date: 11/13/2013
Decode for NarcdID: General Site Description
NARR Comments: (CWH/CU 3/22/13) Site is developed as parking lot for adjacent building. Lot is leveled but is raised above a downhill sloping street. The SE Ankeny Street and SE 3rd Avenue corner of the lot appears to be a remnant of an outer concrete wall of the former circular gas holder tank. The surrounding area is primarily commercial and warehouse uses, with some light industrial use nearby.

NARR ID: 5754557
NARR Code: Hazardous Substance/Waste Types
Created By: CHARMAN
Created Date: 03/22/2013
Updated By: CHARMAN
Updated Date: 11/13/2013
Decode for NarcdID: Hazardous Substance/Waste Types
NARR Comments: (CWH/CU 3/22/13) Soils around former gas holder tanks have been found to contain hazardous substances such as heavy metals, cyanide and polynuclear aromatic hydrocarbons (PAHs). (CWH/CU 11/13/13) The Phase II Environmental Site Investigation completed in May 2013 did not detect significant contamination in soils within and around the footprint of the former 300,000 cubic foot gas holder tank.

NARR ID: 5754889

5 MLK (Continued) **S113408883**

NARR Code: Remedial Action
Created By: CHARMAN
Created Date: 10/24/2013
Updated By: CHARMAN
Updated Date: 11/13/2013
Decode for NarcdID: Remedial Action
NARR Comments: 10/21/13 CWH/CU - No remedial action was required. Based on data gathered during a Phase II environmental assessment completed in May 2013, there was no evidence that any significant releases had occurred from the former holder tank. DEQ issued a no further action determination on October 21, 2013. An updated no further action letter was issued by DEQ on November 13, 2013 that corrected some errors in the earlier letter.

NARR ID: 5754558
NARR Code: Site History
Created By: CHARMAN
Created Date: 03/22/2013
Updated By: CHARMAN
Updated Date: 11/13/2013
Decode for NarcdID: Site History
NARR Comments: NOTE: This site was originally evaluated in DEQ Site Assessment under the East Portland Gas Works site (ECSI #4426). In March 2013, DEQ separated this tax lot - 400 from the larger site and renamed it Former Gas Holder Tank Site. The 300,000 cubic foot gas holder tank on this site was never used in conjunction with the East Portland Gas Works (EPGW) site. The 300,000 gas holder tank was constructed after 1901 and the EPGW site stopped operating in 1892. (CWH/CU 11/13/13) The Former Gas Holder Tank site once hosted a 300,000 cubic foot gas holder tank that received manufactured natural gas from a gas works that operated on a property on the west side of the Willamette River (Former Portand Gas Manufacturing Site, ECSI #1138). According to records, an adjacent gas plant, East Portland Gas Works, ceased operation around 1892. Records indicate that the holder tank was constructed sometime between 1900 and 1909 and used until around 1924. Sometime in the 1940s, the 300,000 cubic foot tank was demolished. In the 1950 s relatives of the current owners purchased the property plus surrounding properties and established a furniture store. The former holder tank property, located in the southwest corner of the block, was and continues to be used for parking.

Administrative Action:
Action ID: 9424
Region: Not reported
Complete Date: 03/22/2013
Rank Value: Not reported
Cleanup Flag: False
Created Date: 03/22/2013
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Administrative Action
Action Code Flag: False
Action: Site added to database
Further Action: Not reported
Comments: Not reported

Action ID: 9511
Region: Northwestern Region

5 MLK (Continued) **S113408883**

Complete Date: 10/21/2013
Rank Value: Not reported
Cleanup Flag: False
Created Date: 03/22/2013
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: SITE INVESTIGATION
Further Action: 0
Comments: Not reported

Action ID: 9440
Region: Northwestern Region
Complete Date: 10/21/2013
Rank Value: Not reported
Cleanup Flag: False
Created Date: 03/22/2013
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Letter Agreement
Further Action: 0
Comments: Not reported

Action ID: 9443
Region: Northwestern Region
Complete Date: 10/21/2013
Rank Value: Not reported
Cleanup Flag: False
Created Date: 10/24/2013
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: NO FURTHER STATE ACTION REQUIRED
Further Action: 0
Comments: Not reported

LUST:
Region: North Western Region
Facility ID: 26-18-0085
Cleanup Received Date: 01/29/2018
Cleanup Start Date: Not reported
Cleanup Complete Date: 07/02/2018
Decode for Region: North West Region

VCS:
ECS Site ID: 5798
Facility Size: 0.21 acre
Action: NO FURTHER STATE ACTION REQUIRED
Start Date: 10/21/2013
End Date: 10/21/2013
Facility Status: Completed
Program: VCP

5 MLK (Continued) **S113408883**

Latitude: 45.5225
Longitude: -122.6621

NPDES:
WQ File Nbr: 125246
Legal Name: Gerding Edlen Development Company LLC
Region: NWR
Pri SIC: 1542
Facility Type: NONRESIDENTIAL CONSTRUCT, NEC
Latitude: 45.5229
Longitude: -122.6616
Category: STM
Permit Type: GEN12C
Permit Active: True
Is Active?: Not reported
Permit Description: Stormwater; NPDES construction more than 1 acre disturbed ground
Expiration Date: 12/14/2020
EPA Number: ORR10F004
UIC Facility: False
Admin Agent: NW Region Office
Last Action Date: 08/03/2017
Permit Writer: Kennedy
Compliance Inspector: Kennedy
DMR Reviewer: Not reported
Application Number: 954851
Class: MINOR
Start Date: 08/03/2017
Region Decode: North West Region

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390 NW 1/2-1 0.543 mi. 2867 ft.

BLOCK 76/67 SITE
15 NE MARTIN LUTHER KING, JR. BLVD.
PORTLAND, OR 97232

OR ECSI **S106044950**
OR VCP **N/A**
OR BROWNFIELDS

Relative: Lower

Actual: 60 ft.

ECSI:
State ID Number: 3930
Brown ID: Brownfield Site - DEQ Tech Assistance
Study Area: False
Region ID: 2
Legislatve ID: 831
Investigation: No Further Action
FACA ID: 60262
Further Action: 0
Lat/Long (dms): 45 31 22.80 / -122 39 41.80
County Code: 26.00
Score Value: Not reported
Cerclis ID: Not reported
Township Coord.: 1.00
Township Zone: N
Range Coord: 1.00
Range Zone: E
Section Coord: 34
Qtr Section: DA
Tax Lots: Lot 6, Block 67; Lots 1-8, 76
Size: 0.89 Acres
NPL: False

BLOCK 76/67 SITE (Continued) **S106044950**

Orphan: False
Updated By: DHAFLEY
Update Date: 11/30/2012
Created Date: 08/11/2003
Decode For RegionID: Northwest Region
Decode For BrownID: Brownfield Site - DEQ Technical Assistance
Decode For Furtheract: Not reported
Decode For Investstat: No Further Action
Decode For Legislative: Owner, operator or other party under agreement, order or consent decree under ORS 465.200 or 465.420
Alias Name: Portland Development Commission (PDC)
Alias Name: Burnside Bridgehead

Narrative:
NARR ID: 5748178
NARR Code: Site Contacts
Created By: DHAFLEY
Created Date: 06/05/2006
Updated By: DHAFLEY
Updated Date: 06/05/2006
Decode for NarcdID: Site Contacts
NARR Comments: David Obern Portland Development Commission 222 NW Fifth Avenue Portland, Oregon 97209 (503) 823-3200 Dan Hafley Cleanup & Lower Willamette Section Northwest Region, DEQ 2020 SW Fourth Ave., Suite 400 Portland, OR 97213 (503) 229-5417

NARR ID: 5748179
NARR Code: Contamination
Created By: DHAFLEY
Created Date: 06/05/2006
Updated By: DHAFLEY
Updated Date: 06/05/2006
Decode for NarcdID: Contamination
NARR Comments: Mainly petroleum hydrocarbons from UNOCAL service station formerly located on Block 76, and miscellaneous other TPH sources.

NARR ID: 5748180
NARR Code: Data Sources
Created By: DHAFLEY
Created Date: 06/05/2006
Updated By: DHAFLEY
Updated Date: 06/05/2006
Decode for NarcdID: Data Sources
NARR Comments: 1) Remedial Investigation Report, Block 76/67; prepared by Hart Crowser for the PDC, August 9, 2005. 2) DEQ Closeout Memorandum; March 15, 2006. 3) DEQ Northwest Region Cleanup Files (ECSI# 3930).

NARR ID: 5748181
NARR Code: Hazardous Substance/Waste Types
Created By: DHAFLEY
Created Date: 06/05/2006
Updated By: DHAFLEY
Updated Date: 06/05/2006
Decode for NarcdID: Hazardous Substance/Waste Types
NARR Comments: Petroleum hydrocarbons and related constituents including PAHs and VOCs. An plume of PCE extends through the site, but was determined to emanate from north of the site and is not attributable to any site activities. Minor impacts to both soil and shallow groundwater have

BLOCK 76/67 SITE (Continued) **S106044950**

been observed at the site.

NARR ID: 5748182
NARR Code: Project Issues Summary
Created By: DHAFLEY
Created Date: 06/05/2006
Updated By: DHAFLEY
Updated Date: 06/05/2006
Decode for NarcdID: Project Issues Summary
NARR Comments: Removal of contaminated soil associated with the former UNOCAL station was completed in 1988 and 1992. USTs associated with this area (southwest portion of site) received a DEQ NFA in 1994. Following review of soil and groundwater investigation work complete at the site through 2005, DEQ Northwest Region Cleanup Program determinated that remaining soil and groundwater contamination at the site (minor) does not pose a risk to public health or the environment. An NFA was issued in May 2006. Three to four petroleum USTs remained at the site as of June 2006; the PDC agreed to decommission the tanks per UST rules as part of upcoming site development work. A Soil Management Plan was also prepared to address handling of any <quot>lightly-contaminated soil<quot> that will be removed from the site as part of site development work.

NARR ID: 5744000
NARR Code: Site Location
Created By: JWAGGY
Created Date: 08/11/2003
Updated By: DHAFLEY
Updated Date: 06/05/2006
Decode for NarcdID: Site Location
NARR Comments: Betweem NE 2nd and NE MLK immediately north of East Burnside. Site consists of Lot 6 of Block 67 and Lots 1 through 8 of Block 76.

NARR ID: 5749295
NARR Code: Project Activity Status
Created By: JWAGGY
Created Date: 05/22/2007
Updated By: JWAGGY
Updated Date: 05/22/2007
Decode for NarcdID: Project Activity Status
NARR Comments: Project file archived 5/11/2007.

NARR ID: 5748177
NARR Code: Remedial Action
Created By: DHAFLEY
Created Date: 06/02/2006
Updated By: DHAFLEY
Updated Date: 11/30/2012
Decode for NarcdID: Remedial Action
NARR Comments: A Remedial Investigation Report was issued for the site in August 2005 which presents the results of soil and groundwater sampling completed at the site, during which generally low levels of petroleum hydrocarbons and constituents were detected in soil and groundwater. The primary source of the releases was a UNOCAL station that formerly was located on Block 76. Site work included soil removal associated w/ UNOCAL USTs. DEQ reviewed the report under DEQ's ICP, and in a closeout memo dated March 15, 2006 determined that no additional site

BLOCK 76/67 SITE (Continued) **S106044950**

action was warranted, as remaining contaminants were below risk-based concentrations. Four known or suspected USTs remain at the site which will be addressed by the PDC or the site developer as part of site development work. DEQ received a commitment from the PDC (Dave Obern) to do the work in a letter dated November 25, 2005, a copy of which is attached to the site NFA letter. The NFA was issued on May 30, 2006 following a 30-day public comment period. No comment was received. USTs were subsequently addressed in 2008, with approval by DEQ LUST program in 2009 (see Webdocs 2009 NFA). Site environmental work is therefore considered complete.

NARR ID: 5748183
NARR Code: Health Threats
Created By: DHAFLEY
Created Date: 06/05/2006
Updated By: DHAFLEY
Updated Date: 06/05/2006
Decode for NarcdID: Health Threats
NARR Comments: At present, the site does not pose a significant risk to public health or the environment.

NARR ID: 5748184
NARR Code: Water Use (Current/Reasonably Likely)
Created By: DHAFLEY
Created Date: 06/05/2006
Updated By: DHAFLEY
Updated Date: 06/05/2006
Decode for NarcdID: Water Use (Current/Reasonably Likely)
NARR Comments: As part of the 2005 Remedial Investigation Report prepared by Hart Crowser for the site, a BWUD was completed. Shallow groundwater at and in the immediate vicinity of the site was determined to have no current or reasonably likely beneficial use other than recharge of deeper aquifers and the Willamette River. Deeper groundwater in the site vicinity could potentially be used for industrial or irrigation purposes, however site contaminants are generally <quot>floaters<quot> (lighter than water) and not expected to migrate deeper to any appreciable amount. Site contaminants have not migrated a significant distance off-site and therefore are not expected to impact the Willamette River.

Administrative Action:
Action ID: 9424
Region: Not reported
Complete Date: 08/11/2003
Rank Value: Not reported
Cleanup Flag: False
Created Date: 08/11/2003
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Administrative Action
Action Code Flag: False
Action: Site added to database
Further Action: Not reported
Comments: Not reported

Action ID: 9440
Region: Northwestern Region
Complete Date: 07/22/2003

BLOCK 76/67 SITE (Continued) **S106044950**

Rank Value: Not reported
Cleanup Flag: False
Created Date: 08/11/2003
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Letter Agreement
Further Action: Low
Comments: Not reported

Action ID: 9484
Region: Northwestern Region
Complete Date: 08/01/2005
Rank Value: Not reported
Cleanup Flag: False
Created Date: 06/02/2006
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: REMEDIAL INVESTIGATION
Further Action: Low
Comments: Not reported

Action ID: 9443
Region: Northwestern Region
Complete Date: 05/30/2006
Rank Value: Not reported
Cleanup Flag: False
Created Date: 06/02/2006
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: NO FURTHER STATE ACTION REQUIRED
Further Action: 0
Comments: Not reported

Operations:
Operation Id: 134791
Operation Status: Inactive
Common Name: Unocal
Yrs of Operation: Unknown
Comments: Not reported
Updated Date: 08/11/2003
Updated By: JWAGGY
Decode for OpstatID: Inactive

VCS:
ECS Site ID: 3930
Facility Size: 0.89 Acres
Action: NO FURTHER STATE ACTION REQUIRED
Start Date: 05/30/2006
End Date: 05/30/2006
Facility Status: Completed
Program: VCP

BLOCK 76/67 SITE (Continued) **S106044950**

Latitude: 45.523
Longitude: -122.6616

OR BROWNFIELDS:
Geolocation Id: 60262
Status: NO FURTHER STATE ACTION REQUIRED
Lat/Long: 45.523 / -122.661

391
NW
1/2-1
0.546 mi.
2881 ft.

E PORTLAND GAS WORKS (FORMER) **OR ECSI** **S107692390**
110 SE 2ND AVE. **N/A**
PORTLAND, OR 97214

Relative:
Lower

Actual:
41 ft.

ECSI:
State ID Number: 4426
Brown ID: 0
Study Area: False
Region ID: 2
Legislatve ID: 0
Investigation: Suspect
FACA ID: 88685
Further Action: 0
Lat/Long (dms): 45 31 19.20 / -122 39 47.50
County Code: 26.00
Score Value: Not reported
Cerclis ID: Not reported
Township Coord.: 1.00
Township Zone: N
Range Coord: 1.00
Range Zone: E
Section Coord: 34
Qtr Section: DD
Tax Lots: 1400
Size: 0.92 acres
NPL: False
Orphan: False
Updated By: GWISTAR
Update Date: 07/14/2014
Created Date: 06/07/2005
Decode For RegionID: Northwest Region
Decode For BrownID: Not reported
Decode For Furtheract: Not reported
Decode For Investstat: Suspect
Decode For Legislative: Not reported
Alias Name: Portland Gas Light Co.
Alias Name: East Portland Gas Works
Alias Name: East Side Gas Works

Hazardous Release:
Substance ID.: 121462
Haz Release ID: 388011
Qty Released: Unknown
Date Released: Unknown
Update Date: 08/09/2012
Update By: SFORTUN
Substance Code: 56-55-3
Substance Name: BENZO(a)ANTHRACENE

E PORTLAND GAS WORKS (FORMER) (Continued) **S107692390**

Substance Abbrev.: Not reported
Substance Category ID: 8475
Substance Category: Semi-volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8475
Substance Category: Semi-volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 318790
Sub Alias Name: BENZ(a)ANTHRACENE
Substance Alias ID: 318791
Sub Alias Name: BENZANTHRACENE,1,2-
Substance Alias ID: 318792
Sub Alias Name: BENZANTHRENE
Substance Alias ID: 318793
Sub Alias Name: BENZOANTHRACENE
Substance Alias ID: 318794
Sub Alias Name: BENZPHENANTHRENE,2,3-
Substance Alias ID: 318795
Sub Alias Name: NAPHTHANTHRACENE
Substance Alias ID: 318796
Sub Alias Name: TETRAPHENE
Sampling Result ID: 350492
Feature Id: 0
Hazard Release Id: 388011
Medium: 698
Substance Abbrev.: 0
Unit Code: 8
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: 8 ft bgs
Start Date: 04/17/1992
End Date: Not reported
Min Concentration: Not reported
Max Concentration: .80
Sample Comment: 0.8 ppb Benzo(a)anthracene in groundwater from north (LUST) excavation pit on Tax Lot 1400 (4/17/92).
Last Update By: SFORTUN
Update Date: 08/09/2012
Decode for MediumID: Groundwater

Substance ID.: 121210
Haz Release ID: 388012
Qty Released: Unknown
Date Released: Unknown
Update Date: 08/09/2012
Update By: SFORTUN
Substance Code: 218-01-9
Substance Name: CHRYSENE
Substance Abbrev.: Not reported
Substance Category ID: 8481
Substance Category: Semi-volatiles
Category Level: Not reported

E PORTLAND GAS WORKS (FORMER) (Continued) **S107692390**

Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8481
Substance Category: Semi-volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 317438
Sub Alias Name: BENZ(a)PHENANTHRENE
Substance Alias ID: 317439
Sub Alias Name: BENZPHENANTHRENE,1,2-
Substance Alias ID: 317440
Sub Alias Name: DIBENZONAPHTHALENE,1,2,5,6-
Sampling Result ID: 350493
Feature Id: 0
Hazard Release Id: 388012
Medium: 698
Substance Abbrev.: 0
Unit Code: 8
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: 8 ft bgs
Start Date: 04/17/1992
End Date: Not reported
Min Concentration: Not reported
Max Concentration: .90
Sample Comment: 0.9 ppb Chrysene in groundwater from north (LUST) excavation pit on Tax Lot 1400 (4/17/92).
Last Update By: SFORTUN
Update Date: 08/09/2012
Decode for MediumID: Groundwater

Substance ID.: 121192
Haz Release ID: 388013
Qty Released: Unknown
Date Released: Unknown
Update Date: 08/09/2012
Update By: SFORTUN
Substance Code: 205-99-2
Substance Name: BENZO(b)FLUORANTHENE
Substance Abbrev.: Not reported
Substance Category ID: 8477
Substance Category: Semi-volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8477
Substance Category: Semi-volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 317390
Sub Alias Name: B(b)F
Substance Alias ID: 317391
Sub Alias Name: BENZ(e)ACEPHENANTHRYLENE
Substance Alias ID: 317392

E PORTLAND GAS WORKS (FORMER) (Continued) **S107692390**

Sub Alias Name: BENZFLUORANTHENE,3,4-
Substance Alias ID: 317393
Sub Alias Name: BENZOFLUORANTHENE,2,3-
Substance Alias ID: 317394
Sub Alias Name: BENZOFLUORANTHENE,3,4-
Sampling Result ID: 350494
Feature Id: 0
Hazard Release Id: 388013
Medium: 698
Substance Abbrev.: 0
Unit Code: 8
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: 8 ft bgs
Start Date: 04/17/1992
End Date: Not reported
Min Concentration: Not reported
Max Concentration: .80
Sample Comment: 0.8 ppb Benzo(b)fluoranthene in groundwater from north (LUST) excavation pit on Tax Lot 1400 (4/17/92).
Last Update By: SFORTUN
Update Date: 08/09/2012
Decode for MediumID: Groundwater

Substance ID.: 121374
Haz Release ID: 388014
Qty Released: Unknown
Date Released: Unknown
Update Date: 08/09/2012
Update By: SFORTUN
Substance Code: 50-32-8
Substance Name: BENZO(a)PYRENE
Substance Abbrev.: Not reported
Substance Category ID: 8476
Substance Category: Semi-volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8476
Substance Category: Semi-volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 318559
Sub Alias Name: B(a)P
Substance Alias ID: 318560
Sub Alias Name: BENZOPYRENE,3,4-
Substance Alias ID: 318561
Sub Alias Name: BENZPYRENE,3,4-
Substance Alias ID: 318562
Sub Alias Name: BP
Sampling Result ID: 350495
Feature Id: 0
Hazard Release Id: 388014
Medium: 698
Substance Abbrev.: 0

E PORTLAND GAS WORKS (FORMER) (Continued) **S107692390**

Unit Code: 8
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: 8 ft bgs
Start Date: 04/17/1992
End Date: Not reported
Min Concentration: Not reported
Max Concentration: .80
Sample Comment: 0.8 ppb Benzo(a)pyrene in groundwater from north (LUST) excavation pit on Tax Lot 1400 (4/17/92).
Last Update By: SFORTUN
Update Date: 08/09/2012
Decode for MediumID: Groundwater

Substance ID.: 121415
Haz Release ID: 388015
Qty Released: Unknown
Date Released: Unknown
Update Date: 08/09/2012
Update By: SFORTUN
Substance Code: 53-70-3
Substance Name: DIBENZO(a,h)ANTHRACENE
Substance Abbrev.: Not reported
Substance Category ID: 8499
Substance Category: Semi-volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8499
Substance Category: Semi-volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 318667
Sub Alias Name: DB(a,h)A
Substance Alias ID: 318668
Sub Alias Name: DIBENZ(a,h)ANTHRACENE
Substance Alias ID: 318669
Sub Alias Name: DIBENZANTHRACENE,1,2-5,6-
Substance Alias ID: 318670
Sub Alias Name: DIBENZANTHRACENE,1,2:5,6-
Sampling Result ID: 350496
Feature Id: 0
Hazard Release Id: 388015
Medium: 698
Substance Abbrev.: 0
Unit Code: 8
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: 8 ft bgs
Start Date: 04/17/1992
End Date: Not reported
Min Concentration: Not reported
Max Concentration: .20
Sample Comment: 0.2 ppb Dibenzo(a,h)anthracene in groundwater from north (LUST)

E PORTLAND GAS WORKS (FORMER) (Continued) **S107692390**

excavation pit on Tax Lot 1400 (4/17/92).
Last Update By: SFORTUN
Update Date: 08/09/2012
Decode for MediumID: Groundwater

Substance ID.: 122012
Haz Release ID: 388018
Qty Released: Unknown
Date Released: Unknown
Update Date: 08/10/2012
Update By: SFORTUN
Substance Code: ECD275
Substance Name: TOTAL PETROLEUM HYDROCARBONS (TPH)
Substance Abbrev.: Not reported
Substance Category ID: 8540
Substance Category: Petroleum Related Releases for OSPIRG Report
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8540
Substance Category: Petroleum Related Releases for OSPIRG Report
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Sampling Result ID: 350501
Feature Id: 0
Hazard Release Id: 388018
Medium: 703
Substance Abbrev.: 0
Unit Code: 7
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: 2.5 ft - 16.0 ft bgs
Start Date: 05/21/1992
End Date: Not reported
Min Concentration: Not reported
Max Concentration: 2200.00
Sample Comment: 2,200 ppm TPH as Diesel Fuel (ID'd Stoddard solvent) left in place at 11.5 ft bgs (sample 4-14-3), North extent. 1,800 ppm TPH left in place at 4.5 ft bgs (sample 4-13-1), North extent. 1,200 ppm TPH left in place at 2.5 feet bgs (sample 5-21-6), SW.
Last Update By: SFORTUN
Update Date: 08/10/2012
Decode for MediumID: Soil

Narrative:
NARR ID: 5754133
NARR Code: Site Contacts
Created By: SFORTUN
Created Date: 08/09/2012
Updated By: GWISTAR
Updated Date: 04/22/2013
Decode for NarcdID: Site Contacts
NARR Comments: Michael G. Myers P.O. Box 14921 Portland, OR 97293 503-720-3313

NARR ID: 5753317
NARR Code: Contamination

E PORTLAND GAS WORKS (FORMER) (Continued) **S107692390**

Created By: CHARMAN
Created Date: 07/06/2011
Updated By: SFORTUN
Updated Date: 08/09/2012
Decode for NarcdID: Contamination
NARR Comments: (6/7/05 SMF/SAS) Soils beneath former Manufactured Gas Holding Tanks are often heavily contaminated with hazardous substances that condense from the manufactured gas. (8/9/12, SMF/SAS) A total of 2,184 tons (approx. 1,670 cubic yards) of contaminated soil was removed from three areas of Tax Lot 1400 in 1992. Subsurface soil contamination was attributed to both a leaking underground gasoline storage tank and to releases from historic gas manufacturing operations. Subsurface contamination at the north end of Tax Lot 1400, extending below the top of the groundwater table and beneath SE Ankeny Street, was not removed. Subsurface contamination may also remain in the former UPRR railroad Right-of-Way at the southwest corner of Tax Lot 1400, and may also extend to the south, beneath SE Ash Street. Most analyses that were conducted during the soil removal activities were limited to HCID, TPH-G, TPH-D, TPH-418.1, and TCLP leachable metals analyses as indicators and to generally characterize the soils for waste disposal options, so the complete character of site contamination has not been well-defined. There is no indication that potential subsurface contamination at Tax Lot 400, the location of a former 200,000 cubic foot manufactured gas holding tank, has ever been investigated. Contaminants of potential concern include PAHs, BTEX, trimethylbenzenes, total metals, cyanide, and PCBs. Potential sources for relatively low concentrations of PCB detected at the southwest end of Tax Lot 1400 are unknown.

NARR ID: 5754090
NARR Code: Data Sources
Created By: SFORTUN
Created Date: 07/12/2012
Updated By: SFORTUN
Updated Date: 07/12/2012
Decode for NarcdID: Data Sources
NARR Comments: A Report on Underground Storage Tank Contaminated Soil Cleanup, John Alden Life Insurance Property, 220 SE Ankeny Street, Portland, Oregon, HAI Project #1958, prepared for John Alden Life Insurance Co., by Hahn and Associates, Inc., June 8, 1992. A Report on Petroleum Contaminated Soil Cleanup, John Alden Life Insurance Property, 220 SE Ankeny Street, Portland, Oregon, HAI Project #1958, prepared for John Alden Life Insurance Co., by Hahn and Associates, Inc., June 19, 1992. See LUST File 26-92-0006 for further information relating to the underground tank removal activities. Evidently, Technical Action Group, Inc. (TAG) previously performed Level I (Phase I Environmental Site Assessment, Block 65, Lots 1-8, East Portland Addition, prepared by Technical Action Group, Inc., December 31, 1991) and Level II (report title unknown, prepared by TAG in January 1992) environmental assessments for this property, although DEQ has not been able to obtained copies of either of these reports for review. A General Synopsis of TAG's Level II activities is included in Appendix A of Hahn and Associate's June 19, 1992 report. A November 7, 1987 survey map perpared by W.B. Wells and Associates, Inc. reportedly identified an historic fuel storage shed along the southern central boundary of Tax Lot 1400, although DEQ has not obtained a copy of the survey map for review, and is unaware of the

E PORTLAND GAS WORKS (FORMER) (Continued) **S107692390**

source of W.B. Wells' information.

NARR ID: 5754134
NARR Code: General Site Description
Created By: SFORTUN
Created Date: 08/09/2012
Updated By: GWISTAR
Updated Date: 04/22/2013
Decode for NarcdID: General Site Description
NARR Comments: Two tax lots in an industrial/commercial section of SE Portland, located on diagonally opposite corners of the intersection of SE 3rd Avenue and SE Ankeny Street. Tax Lot 1400 (this site), is the southwestern tax lot that occupies an entire city block, and is covered by paving and a 2-story building used as a fresh produce distribution facility. Tax Lot 400 (ECSI #5798), the northeastern tax lot, occupies 1/4 of a city block, and is a slightly elevated, paved parking lot for Fishel's Furniture, a retail furniture business.

NARR ID: 5754135
NARR Code: Hazardous Substance/Waste Types
Created By: SFORTUN
Created Date: 08/09/2012
Updated By: SFORTUN
Updated Date: 08/09/2012
Decode for NarcdID: Hazardous Substance/Waste Types
NARR Comments: Manufactured Gas Plant wastes, which are typically comprised of coke, ash, coal tar, tar decanter sludge, ammonia liquor, and gas purifier wastes. Potential hazardous substances include PAHs, BTEX, trimethylbenzenes, phenols, toxic metals (often including arsenic, chromium, lead, and mercury), and cyanide. PCBs (Total PCBs, Aroclor 1260, and Aroclor 1262) have also been detected at relatively low concentrations in site soils.

NARR ID: 5754137
NARR Code: Project Issues Summary
Created By: SFORTUN
Created Date: 08/09/2012
Updated By: SFORTUN
Updated Date: 08/09/2012
Decode for NarcdID: Project Issues Summary
NARR Comments: There is no indication that subsurface soils and groundwater beneath the former 200,000 cubic yard gas holder tank on Tax Lot 400 have ever been investigated for potential contamination from manufactured gas condensates. A substantial soil cleanup was conducted on Tax Lot 1400 in 1992, although subsurface contamination was never fully characterized. Soil contamination at the north end of the tax lot that extended beneath the top of the groundwater was not cleaned up. Shallow groundwater in this area was contaminated with PAHs, although the extent of groundwater contamination was not defined, and no groundwater cleanup was conducted. Subsurface soil contamination that extended beneath SE Ankeny Street was also left in place. Potential subsurface contamination was not explored in a former railroad Right-of-Way at the southwest corner of Tax Lot 1400. Subsurface contamination may also extend to the south beneath SE Ash Street. Relatively low concentrations of PCB from an unknown source were detected in soils at the southwestern end of the site. it's not known how extensively soils may have been contaminated with PCBs. It is not

E PORTLAND GAS WORKS (FORMER) (Continued) **S107692390**

known where or how wastes from former gas manufacturing plant were disposed. An apparent common local gas manufacturing plant waste disposal practice at the time was to use the wastes as fill in nearby low-lying areas. At the time that the gas plant was operating, undeveloped low-lying areas were present immediately to the north, northwest, west, and southwest of the plant. Any residual subsurface contamination might represent a potential risk for utility trench workers, future construction workers, a potential vapor intrusion risk for workers in nearby buildings, or a potential ecological risk to Threatened and Endangered salmonids in the river, or to consumers of fish caught from this reach of the river.

NARR ID: 5754138
NARR Code: Land Use (Current/Reasonably Likely)
Created By: SFORTUN
Created Date: 08/09/2012
Updated By: SFORTUN
Updated Date: 08/09/2012
Decode for NarcdID: Land Use (Current/Reasonably Likely)
NARR Comments: Industrial and commercial. Public parks are located as near as 220 to 250 feet to the northwest (Portland Burnside skate park), and 590 feet to the west (Eastbank Esplanade).

NARR ID: 5753825
NARR Code: Site Location
Created By: GWISTAR
Created Date: 01/31/2012
Updated By: SFORTUN
Updated Date: 08/09/2012
Decode for NarcdID: Site Location
NARR Comments: Location Summary: The site lies directly across the Willamette River from downtown Portland, and is comprised of two tax lots: Tax Lot 400 and Tax Lot 1400 of T1N/R1E-S34DD. Tax Lot 400 is NE of the intersection of SE 3rd Avenue and SE Ankeny Street, and Tax Lot 1400 is SW of the intersection. Tax Lot 400 occupies the southwestern quarter of East Portland Block 77, while Tax Lot 1400 occupies the entirety of East Portland Block 65. East Burnside Street, which is an elevated on-ramp to the east end of the Burnside Bridge in this area, lies along the northern edge of Block 77; SE M.L. King Jr. Blvd. (Oregon Hwy 99E) lies along the block's eastern edge. The Willamette River lies about 680 feet west of Block 65. Location Details: An 1899 Sanborn Fire Insurance Map shows the northern half of Tax Lot 1400 (then Block 950)(bounded by SE 2nd Ave (at that time, SE 2nd Street) on the west, SE 3rd Ave. (at that time, SE 3rd Street) on the east, SE Ankeny Street (at that time, G Street) on the north, and SE Ash Street (at that time, H Street) on the south as the location of E. Portland Gas Works. At that time, the site had a Gas Holder tank and a retort. A 1901 Sanborn Fire Insurance Map indicates a Gas Holder tank, Purifier Room, and Coal Shed on the northern half of Block 950, but notes that only the Gas Holder was in operation, being filled from Works on the West Side. (the note also mentions 3 retorts at the site). A 1909 Sanborn Fire Insurance Map indicates that a Gas Holder tank was present on Block 950, but was no longer used. However, diagonally across the intersection of E 3rd Street and E Ankeny Street (northeast of the former gas plant), a new 300,000 cu. ft. Gas Holder tank and Gas Pump were located on the southwest quarter of Block 977. A 1928 Sanborn Fire Insurance Map shows a Building

E PORTLAND GAS WORKS (FORMER) (Continued) **S107692390**

Materials Warehouse located on the northwest quarter of Block 950, and the 300,000 cu. ft. Gas Holder tank on the southwest quarter of Block 977. A 1950 Sanborn Fire Insurance Map shows that the Building Materials Warehouse on the northwest quarter of Block 950 had been expanded to cover the northeast quarter also, while the southwest quarter of Block 977 had been converted to an auto parking lot.

NARR ID: 5754139
NARR Code: Manner of Release
Created By: SFORTUN
Created Date: 08/09/2012
Updated By: SFORTUN
Updated Date: 08/09/2012
Decode for NarcdID: Manner of Release
NARR Comments: Apparent spills, an underground gasoline storage tank release, possible releases of manufactured gas condensates, and historic waste disposal practices.

NARR ID: 5754140
NARR Code: Media Contamination
Created By: SFORTUN
Created Date: 08/09/2012
Updated By: SFORTUN
Updated Date: 08/09/2012
Decode for NarcdID: Media Contamination
NARR Comments: Subsurface soils and shallow groundwater.

NARR ID: 5746761
NARR Code: Site Ownership
Created By: JWAGGY
Created Date: 06/24/2005
Updated By: SFORTUN
Updated Date: 08/09/2012
Decode for NarcdID: Site Ownership
NARR Comments: Tax lot 1400 owner: Michael G. Myers, 110 SE 2nd Avenue, Portland, OR 97214 (P.O. Box 14921, Portland, OR 97293). Tax lot 1400 / 110 SE 2nd Avenue is the current location of: Coastal, Inc. and Central Dispatch, Inc. Mr. Myers previously owned Coastal, Inc., but recently retired and sold the business, while maintaining ownership of the property. Tax Lot 400 owner: Listed in Multnomah County Tax Assessor records as MKB Investment Co. - Fishels, although Oregon Corporate Records indicate that MKB Investment Co. has been an inactive corporation since 2006. Tax Lot 400 / 5 SE M.L.King Blvd. is the current location of: Fishel's Inc. (Larry Talbott, President; Martin Fishel, Secretary);[NOTE: Martin Fishel is actually deceased]; SF Leromaho, LLC (Scott Fishel, Manager). The information listed above was obtained from the Oregon Secretary of State's Corporate Division files. However, according to Doris Gulden at Fishel's Furniture, Martin Fishel died about 10 years ago, and the business is now owned by Bradley and Karen Fishel, Martin Fishel's son and daughter-in-law.

NARR ID: 5754141
NARR Code: Project Activity Status
Created By: SFORTUN
Created Date: 08/09/2012
Updated By: SFORTUN
Updated Date: 08/09/2012

E PORTLAND GAS WORKS (FORMER) (Continued) **S107692390**

Decode for NarcdID: Project Activity Status
NARR Comments: Federal Site Screening / State Preliminary Assessment Equivalent (PAE) completed in August 2012. Further investigation is recommended as a medium priority.

NARR ID: 5753316
NARR Code: Pathways Other Hazards
Created By: CHARMAN
Created Date: 07/06/2011
Updated By: SFORTUN
Updated Date: 08/09/2012
Decode for NarcdID: Pathways & Other Hazards
NARR Comments: (6/7/05 SMF/SAS) A fresh produce distribution business is currently located on Tax Lot 1400, over the location of the former gas plant, although all of the site appears to be paved or covered by a building. Tax Lot 400, the site of the more recent Gas Holder Tank, is a paved parking lot for Fishel's Furniture, a retail furniture business. Subsurface contamination could represent a potential threat to utility trench workers or future construction workers. Drinking water mains lie beneath SE 3rd Avenue and SE Ash Street, and municipal sewer mains lie beneath SE 3rd Avenue and SE 2nd Avenue. Vapors from any potential groundwater contamination might also represent a potential threat to workers within nearby businesses. Potential groundwater contaminants could discharge to the Willamette River either by direct groundwater discharge, or by entering stormsewer mains. Stormwater catchbasins are located near the northwest and southwest corners of Block 65. An Oregon Highway Division stormsewer originating near the northwest corner of Block 65 discharges to the river beneath the Burnside Bridge. A city stormsewer originating near the southwest corner of Block 65 discharges to the river near the western terminus of SE Oak Street (City Outfall #38). A combined sewer beneath SE 3rd Avenue was designed to overflow to a stormsewer that discharges to the river at City Outfall #38. The City of Portland is nearing completion of constructing a new combined sewer tunnel that lies about 95 feet below SE 3rd Avenue. It is unclear to Site Assessment at this time how the City of Portland will be redirecting stormwater flow in this area once the new combined sewer tunnel is in full operation. It is unclear if site contaminants may have contributed to sediment contamination that has been documented in the Willamette River reach nearest the site.

NARR ID: 5754142
NARR Code: Remedial Action
Created By: SFORTUN
Created Date: 08/09/2012
Updated By: SFORTUN
Updated Date: 08/09/2012
Decode for NarcdID: Remedial Action
NARR Comments: Prior to property redevelopment in 1992, a total of 2,184 tons (approx. 1,670 cubic yards) of contaminated soil was removed from the central northern, southwestern, and south central portions of Tax Lot 1400.

NARR ID: 5754143
NARR Code: Substances of Concern
Created By: SFORTUN

E PORTLAND GAS WORKS (FORMER) (Continued) **S107692390**

Created Date: 08/09/2012
Updated By: SFORTUN
Updated Date: 08/09/2012
Decode for NarcdID: Substances of Concern
NARR Comments: PAHs, BTEX, trimethylbenzenes, toxic metals, cyanide, PCBs.

NARR ID: 5754145
NARR Code: Health Threats
Created By: SFORTUN
Created Date: 08/09/2012
Updated By: SFORTUN
Updated Date: 08/09/2012
Decode for NarcdID: Health Threats
NARR Comments: Residual contamination at the site could represent a potential threat to utility trench workers, future construction workers, or a possible vapor intrusion threat to workers in surrounding commercial/industrial buildings. Groundwater contaminants might represent a potential threat aquatic life in the Willamette River.

NARR ID: 5754144
NARR Code: Water Use (Current/Reasonably Likely)
Created By: SFORTUN
Created Date: 08/09/2012
Updated By: SFORTUN
Updated Date: 08/09/2012
Decode for NarcdID: Water Use (Current/Reasonably Likely)
NARR Comments: There are records for 10 groundwater production wells within 0.5-mile of the site. All are located either upgradient or cross gradient from the site. There are no known wells located directly downgradient from the site. Use of all but two of the wells is currently unknown. Two wells belong to a registered drinking water supply (serving drinking water to a transcient population of 110) located slightly less than 0.4 mile upgradient from the site. Groundwater probably discharges to the Willamette River. There are no known surface water drinking water intakes within about 30 miles downstream from the site. The Willamette River is heavily used for recreation (swimming, boating, water-skiing, fishing), along with some undefined subsistence fishing. The reach of the river nearest the site is Critical Habiata for migrating and rearing Threatened and Endangered salmonids.

NARR ID: 5754136
NARR Code: Site History
Created By: SFORTUN
Created Date: 08/09/2012
Updated By: SFORTUN
Updated Date: 08/09/2012
Decode for NarcdID: Site History
NARR Comments: A gas manufacturing plant and gas holder tanks were present on the site from sometime in the 1800's (before 1889) until sometime before about 1948. The gas manufacturing plant was replaced by a building materials warehouse sometime between 1909 and 1924. The building materials warehouse was torn down in 1988, and replaced by a fresh produce distribution business in 1993. The large gas holder tank on the northeastern tax lot was installed sometime between 1901 and 1909, and replaced with a parking lot sometime before about 1948.

NARR ID: 5754146

E PORTLAND GAS WORKS (FORMER) (Continued) **S107692390**

NARR Code: 1922
Created By: SFORTUN
Created Date: 08/09/2012
Updated By: SFORTUN
Updated Date: 08/09/2012
Decode for NarcdID: Current Site Summary Statement
NARR Comments: Further site investigation and cleanup or risk assessment are needed. An extensive cleanup of contaminated soils was conducted on Tax Lot 1400 prior to redevelopment of that lot in 1992. However, soil contamination that extended below the top of the shallow groundwater table was not cleaned up. A groundwater sample from the north end of Tax Lot 1400 was contaminated with PAHs, although no groundwater cleanup was conducted. Groundwater from other portions of the site was not analyzed. Subsurface contamination that is known to have extended beneath SE Ankeny Street was also left in place. Subsurface soil contamination may extend to the southwest, into an area of a former railroad Right-of-Way, and possibly to the south, beneath SE Ash Street. Soils and groundwater beneath the foundation of a former building materials warehouse (northwest quarter of Tax lot 1400) may not have been adequately investigated. There has been no known investigation or cleanups of soils on Tax Lot 400, where a 200,000 cubic yard gas holder tank was once located.

Administrative Action:
Action ID: 9425
Region: Northwestern Region
Complete Date: 08/15/2012
Rank Value: 96
Cleanup Flag: False
Created Date: 06/13/2012
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: SITE EVALUATION
Further Action: Medium
Comments: Not reported

Action ID: 9498
Region: Northwestern Region
Complete Date: 08/09/2012
Rank Value: Not reported
Cleanup Flag: True
Created Date: 08/09/2012
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Listing Action
Action Code Flag: False
Action: Proposal for Confirmed Release List recommended
Further Action: 0
Comments: Not reported

Action ID: 9506
Region: Northwestern Region
Complete Date: 08/09/2012
Rank Value: 96
Cleanup Flag: False
Created Date: 08/09/2012

E PORTLAND GAS WORKS (FORMER) (Continued) **S107692390**

Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Site Investigation recommended (SI)
Further Action: Medium
Comments: Not reported

Action ID: 9521
Region: Northwestern Region
Complete Date: 08/20/2012
Rank Value: 96
Cleanup Flag: False
Created Date: 08/20/2012
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: OPTN
Further Action: Medium
Comments: Not reported

Action ID: 9519
Region: Northwestern Region
Complete Date: 03/04/2013
Rank Value: Not reported
Cleanup Flag: False
Created Date: 02/19/2013
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: VCS Waiting List
Further Action: 0
Comments: Not reported

Action ID: 9426
Region: Northwestern Region
Complete Date: 08/23/2013
Rank Value: Not reported
Cleanup Flag: False
Created Date: 03/06/2013
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: SITE PRIORITY EVALUATION FOR FURTHER ACTION
Further Action: 0
Comments: Not reported

Action ID: 9424
Region: Not reported
Complete Date: 06/07/2005
Rank Value: Not reported
Cleanup Flag: False
Created Date: 06/07/2005
Decode for AgencyID: Department of Environmental Quality

E PORTLAND GAS WORKS (FORMER) (Continued) **S107692390**

Decode for RegionID: Not reported
Category: Administrative Action
Action Code Flag: False
Action: Site added to database
Further Action: Not reported
Comments: Not reported

Action ID: 9508
Region: Northwestern Region
Complete Date: 06/07/2005
Rank Value: Not reported
Cleanup Flag: False
Created Date: 06/07/2005
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Site Screening recommended (EV)
Further Action: High
Comments: Not reported

DG392 **PORTLAND GAS LIGHT CO** **EDR MGP** **1008408799**
NW **SE ANKENY ST** **N/A**
1/2-1 **PORTLAND, OR 97214**
0.548 mi.
2895 ft. **Site 3 of 4 in cluster DG**

Relative: **Lower**

Actual: **43 ft.**

Manufactured Gas Plants:
No additional information available

DG393 **TOWNE STORAGE PROPERTY** **OR ECSI** **S120851236**
NW **17 SE 3RD AVE** **OR LUST** **N/A**
1/2-1 **PORTLAND, OR 97214** **OR VCP**
0.552 mi.
2916 ft. **Site 4 of 4 in cluster DG**

Relative: **Lower**

Actual: **46 ft.**

ECSI:
State ID Number: 6272
Brown ID: 0
Study Area: False
Region ID: 2
Legislatve ID: 0
Investigation: No Further Action
FACA ID: 150354
Further Action: 0
Lat/Long (dms): 45 31 21.70 / -122 39 46.40
County Code: 26.00
Score Value: Not reported
Cerclis ID: Not reported
Township Coord.: 1.00
Township Zone: N
Range Coord: 1.00
Range Zone: E
Section Coord: 34

TOWNE STORAGE PROPERTY (Continued) **S120851236**

Qtr Section:	DD
Tax Lots:	800
Size:	Not reported
NPL:	False
Orphan:	False
Updated By:	MPUGH
Update Date:	06/29/2018
Created Date:	04/17/2018
Decode For RegionID:	Northwest Region
Decode For BrownID:	Not reported
Decode For Furtheract:	Not reported
Decode For Investstat:	No Further Action
Decode For Legislative:	Not reported

Narrative:

NARR ID:	5757204
NARR Code:	Contamination
Created By:	MPUGH
Created Date:	06/25/2018
Updated By:	MPUGH
Updated Date:	06/25/2018
Decode for NarcdID:	Contamination

NARR Comments: In May 2017, apparently contaminated soil was observed in the City of Portland right-of-way, near the southwest building corner, during excavating for building renovations. No evidence of underground storage tanks (e.g., supply lines, vent pipes) was observed during the excavation. Point Source Solutions provided oversight during removal of 45.5 tons of soil, and subsequent site characterization sampling and reporting. The soil was disposed at a permitted solid waste landfill. A soil sample of apparently contaminated soil (SE1@5.5 bgs) was collected to characterize the contamination. The sample contained 775 milligrams per kilogram (mg/kg) of gasoline-range petroleum hydrocarbons. Diesel- and heavy oil-range hydrocarbons were not detected. The sample also was tested for volatile organic compounds (VOCs) and selected metals. The highest VOC concentration was reported for naphthalene (0.759 mg/kg). Lead was detected at 41 mg/kg. Soil in the SE-1 area was removed. Petroleum-range hydrocarbons were not detected in sample locations SE-2, SE-3 and SE-4. A sample of perched groundwater observed at a depth of 8 feet in the excavation also was tested for petroleum-related contamination. Gasoline-range petroleum hydrocarbons were detected at 856 micrograms per Liter (ug/L); detected VOCs included 1,2,4- and 1,3,5-tri-methylbenzene, ethylbenzene, xylenes and naphthalene. Naphthalene was detected at 68.6 ug/L; other VOCs were detected at less than 20 ug/L. Additional investigation was conducted in June 2017 to determine the extent of contamination and included advancing four soil borings (SB5 through SB8) for soil testing, and collecting a soil gas sample (SV1). Seven samples were collected for testing. Petroleum-range hydrocarbon detections were limited to SB7, where 590 mg/kg gasoline-range hydrocarbons was reported for the sample collected at a depth of 5.5 feet. VOCs were detected at somewhat higher levels than in previous testing. Naphthalene was detected at 7.68 mg/kg; 1,2,4- and 1,3,5-trimethylbenzene were detected at 0.446 and 0.215 mg/kg, respectively. The soil gas sample was collected near the building, adjacent to where the suspected highest levels of contamination remained. Gasoline-range hydrocarbons were detected at a concentration of 1,600 micrograms per meter cubed (ug/m3). VOCs,

TOWNE STORAGE PROPERTY (Continued) **S120851236**

including benzene, toluene, ethylbenzene, xylenes, 1,2,4-trimethylbenzene, and naphthalene were detected at relatively low concentrations of less than 40 ug/m3. Residual soil contamination exists at depths between about 3 and 8 feet over a 60 square foot area, with an estimated volume of 3.75 cubic yards. Concentrations in soil and groundwater are below applicable DEQ risk-based concentrations (RBCs) for direct contact under urban residential and occupational exposure scenarios. Soil gas testing showed that residual contamination does not present a risk through vapor intrusion.

NARR ID: 5757202
NARR Code: General Site Description
Created By: MPUGH
Created Date: 06/25/2018
Updated By: MPUGH
Updated Date: 06/25/2018
Decode for NarcdID: General Site Description
NARR Comments: The Site property is located at 17 SE 3rd Avenue in Portland. A four-story brick, mixed-use building constructed in 1915 occupies most of the 0.46-acre property. The building abuts the southern property boundary. The building was used as a warehouse for many years.

NARR ID: 5757206
NARR Code: Land Use (Current/Reasonably Likely)
Created By: MPUGH
Created Date: 06/25/2018
Updated By: MPUGH
Updated Date: 06/25/2018
Decode for NarcdID: Land Use (Current/Reasonably Likely)
NARR Comments: The site property is zoned Central Employment (EX), with Historic Resource Protection overlays. The zone allows mixed-uses and is intended for areas in the center of the City that have predominantly industrial type development. The intent of the zone is to allow industrial, business, and service uses which need a central location. Residential uses are allowed, but are not intended to predominate or set development standards for other uses in the area. Residential development, if it were to occur, would likely be second-story and higher apartments or condominiums, consistent with DEQ s urban residential exposure scenario.

NARR ID: 5757203
NARR Code: Remedial Action
Created By: MPUGH
Created Date: 06/25/2018
Updated By: MPUGH
Updated Date: 06/25/2018
Decode for NarcdID: Remedial Action
NARR Comments: In May 2017, apparently contaminated soil was observed in the City of Portland right-of-way, near the southwest building corner, during excavating for building renovations. No evidence of underground storage tanks (e.g., supply lines, vent pipes) was observed during the excavation. Point Source Solutions provided oversight during removal of 45.5 tons of soil, and subsequent site characterization sampling and reporting. The soil was disposed at a permitted solid waste landfill.

TOWNE STORAGE PROPERTY (Continued) **S120851236**

NARR ID: 5757205
NARR Code: Residual Risk Assessment
Created By: MPUGH
Created Date: 06/25/2018
Updated By: MPUGH
Updated Date: 06/25/2018
Decode for NarcdID: Residual Risk Assessment
NARR Comments: Concentrations in soil and groundwater are below applicable DEQ risk-based concentrations (RBCs) for direct contact under urban residential and occupational exposure scenarios. Soil gas testing showed that residual contamination does not present a risk through vapor intrusion.

NARR ID: 5757207
NARR Code: Water Use (Current/Reasonably Likely)
Created By: MPUGH
Created Date: 06/25/2018
Updated By: MPUGH
Updated Date: 06/25/2018
Decode for NarcdID: Water Use (Current/Reasonably Likely)
NARR Comments: Water for the property and surrounding area is provided by the City of Portland. Shallow, perched groundwater was impacted in a localized area, but residual contamination is well above the shallow aquifer. Site contamination has not affected beneficial water use.

Administrative Action:
Action ID: 9424
Region: Not reported
Complete Date: 04/17/2018
Rank Value: Not reported
Cleanup Flag: False
Created Date: 04/17/2018
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Administrative Action
Action Code Flag: False
Action: Site added to database
Further Action: Not reported
Comments: Not reported

Action ID: 9425
Region: 0
Complete Date: Not reported
Rank Value: Not reported
Cleanup Flag: False
Created Date: 05/09/2018
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Remedial Action
Action Code Flag: False
Action: SITE EVALUATION
Further Action: 0
Comments: Not reported

Action ID: 9443
Region: Northwestern Region
Complete Date: 06/28/2018
Rank Value: Not reported

TOWNE STORAGE PROPERTY (Continued) **S120851236**

Cleanup Flag: False
Created Date: 06/29/2018
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: NO FURTHER STATE ACTION REQUIRED
Further Action: 0
Comments: Not reported

Action ID: 9519
Region: 0
Complete Date: Not reported
Rank Value: Not reported
Cleanup Flag: False
Created Date: 06/29/2018
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Remedial Action
Action Code Flag: False
Action: VCS Waiting List
Further Action: 0
Comments: Not reported

LUST:
Region: North Western Region
Facility ID: 26-17-0381
Cleanup Received Date: 04/13/2017
Cleanup Start Date: Not reported
Cleanup Complete Date: Not reported
Decode for Region: North West Region

VCS:
ECS Site ID: 6272
Facility Size: Not reported
Action: NO FURTHER STATE ACTION REQUIRED
Start Date: 06/28/2018
End Date: 06/28/2018
Facility Status: Completed
Program: VCP
Latitude: 45.5227
Longitude: -122.6629

394
SW
1/2-1
0.557 mi.
2941 ft.

REXEL/TAYLOR ELECTRICAL SUPPLY
240 SE CLAY ST.
PORTLAND, OR 97214

OR ECSI **S108059928**
OR VCP **N/A**
OR BROWNFIELDS
OR SPILLS

Relative:
Lower

Actual:
55 ft.

ECSI:
State ID Number: 4632
Brown ID: Brownfield Site - DEQ Tech Assistance
Study Area: False
Region ID: 2
Legislatve ID: 0
Investigation: Suspect
FACA ID: 96774

REXEL/TAYLOR ELECTRICAL SUPPLY (Continued) **S108059928**

Further Action: 0
Lat/Long (dms): 45 30 40.30 / -122 39 47.90
County Code: 26.00
Score Value: Not reported
Cerclis ID: Not reported
Township Coord.: 1.00
Township Zone: S
Range Coord: 1.00
Range Zone: E
Section Coord: 3
Qtr Section: DA
Tax Lots: 1900
Size: 0.92 acres
NPL: False
Orphan: False
Updated By: GWISTAR
Update Date: 06/22/2015
Created Date: 05/22/2006
Decode For RegionID: Northwest Region
Decode For BrownID: Brownfield Site - DEQ Technical Assistance
Decode For Furtheract: Not reported
Decode For Investstat: Suspect
Decode For Legislative: Not reported
Alias Name: Fisher's Terrace
Alias Name: Taylor Warehouse Fire

Narrative:
NARR ID: 5748220
NARR Code: Contamination
Created By: MPUGH
Created Date: 06/20/2006
Updated By: TGAINER
Updated Date: 10/29/2012
Decode for NarcdID: Contamination
NARR Comments: Fire suppression water entered the City storm drain system and resulted in a sheen on the Willamette River but no free product warranting recovery efforts was present. Likely elevated metals and possible PAHs in fire debris. PGE submitted a report that indicated PCB-containing transformers were consumed in the fire. however, no environmental media have been sampled. PGE conducted a <quot>Preliminary Assessment, Outfall 33 Drainage Area<quot> (5/7/10) that included the Rexel-Taylor property, then collected fire debris samples (<quot>Data Report,<quot> 8/19/10). Fire debris, primarily located on concrete slab foundations, contained elevated levels of metals, PCBs, dioxin/furans, and PAHs. The property owner, HMB Corp., removed fire debris and disposed of it off site, and removed sediment in adjacent stoirmwater catch basins and pipelines (<quot>Environmental Assessment and Remediation Report,<quot> October 15, 2012).

NARR ID: 5748224
NARR Code: Data Sources
Created By: MPUGH
Created Date: 06/20/2006
Updated By: TGAINER
Updated Date: 10/29/2012
Decode for NarcdID: Data Sources
NARR Comments: Transformer Oil Release Report, OERS No. 06-1238, PGE, June 8, 2006.

REXEL/TAYLOR ELECTRICAL SUPPLY (Continued) **S108059928**

Preliminary Assessment, Outfall 33 Drainage Area, 5/7/10. Data Report, 8/19/10. Environmental Assessment and Remediation Report, October 15, 2012.

NARR ID: 5748225
NARR Code: General Site Description
Created By: MPUGH
Created Date: 06/20/2006
Updated By: MGREENB
Updated Date: 08/12/2009
Decode for NarcdID: General Site Description
NARR Comments: The Rexel/Taylor Warehouse is located in SE Portland at the corner of Clay and 3rd Street. The fire started around 10:30 PM on May 17th and involved materials stored in the warehouse (mainly wiring), but reportedly some transformers. Three transformers owned by PGE were incinerated, with an estimated release of less than 10 gallons of oil. The balance of 110 gallons is presumed to have been consumed in the fire. An associated property that was not invloved in the fire is 1709 SE 3rd St. (Associated Busness/or Owner), the block located south of the fire.

NARR ID: 5748130
NARR Code: Hazardous Substance/Waste Types
Created By: ADENNIS
Created Date: 05/22/2006
Updated By: MPUGH
Updated Date: 06/20/2006
Decode for NarcdID: Hazardous Substance/Waste Types
NARR Comments: Warehouse that caught fire with considerable coated wiring and other material consumed. Environmental concerns include impacts to storm drain system, potential residual contamination in site soil. PCB containing transformers were consumed in the fire. Oil from forklifts may have been released.

NARR ID: 5748221
NARR Code: Land Use (Current/Reasonably Likely)
Created By: MPUGH
Created Date: 06/20/2006
Updated By: MPUGH
Updated Date: 06/20/2006
Decode for NarcdID: Land Use (Current/Reasonably Likely)
NARR Comments: Industrial area in SE Portland.

NARR ID: 5748370
NARR Code: Manner of Release
Created By: GWISTAR
Created Date: 08/04/2006
Updated By: GWISTAR
Updated Date: 08/04/2006
Decode for NarcdID: Manner of Release
NARR Comments: A warehouse fire erupted at this site on the morning of 5/17/06.

NARR ID: 5748288
NARR Code: Project Activity Status
Created By: MPUGH
Created Date: 06/30/2006
Updated By: MPUGH

REXEL/TAYLOR ELECTRICAL SUPPLY (Continued) **S108059928**

Updated Date: 05/11/2009
Decode for NarcdID: Project Activity Status
NARR Comments: MTpugh, 7/14/06 Mr. Taylor, representing HMB corporation (owner) has indicated he would cooperate with DEQ but feels the operator should be responsible for entering the Voluntary Cleanup Program (VCP) as requested by DEQ. Rexel Inc., the tenant at the time of the fire, offered to enter the VCP to address our concerns but indicated that they do not have the authority to access the property. This has been rebutted by Mr. Taylor. Since the current circumstances do not indicate the VCP process is viable, we are referring the site to the DEQ Site Assessment Program for further evaluation. A timeline for this evaluation is uncertain. DEQ requested Rexel Inc. to provide complete information on the materials and equipment that were stored in the warehouse at the time of fire. DEQ has requested that Mr. Taylor provide information on the disposition of fire debris and any other material disposed off-site, and any subsequent environmental investigation or cleanup conducted at the site.

NARR ID: 5748222
NARR Code: Pathways Other Hazards
Created By: MPUGH
Created Date: 06/20/2006
Updated By: MPUGH
Updated Date: 06/20/2006
Decode for NarcdID: Pathways & Other Hazards
NARR Comments: Releases to storm drain that eventually drains to Willamette River (1000 feet from site). The building covers virtually the entire property, so exposure to contaminated soil may not be a complete pathway. fire debris likely contains hazardous substances and should be appropriately disposed off-site.

NARR ID: 5748223
NARR Code: Remedial Action
Created By: MPUGH
Created Date: 06/20/2006
Updated By: JSCHATZ
Updated Date: 11/21/2017
Decode for NarcdID: Remedial Action
NARR Comments: PGE removed their burnt transformers. Rexel hired Elder Demolition and reportedly salvageable metal has been removed from the fire debris. The property owner, HMB Corp., removed fire debris and disposed of it off site, and removed sediment in adjacent stoirmwater catch basins and pipelines (<quot>Environmental Assessment and Remediation Report,<quot> October 15, 2012). In May 2015 Coffman Excavation removed soil and fire debris to a depth of one foot in the northeast corner of the property. Concrete and wood debris was removed and disposed as construction debris. Approximately 157 tons of contaminated soil was disposed at Hillsboro Landfill. In July 2015 Coffman Excavation encountered a layer of bitumen covering approximately 200 square feet beneath the floor slab in the northwest corner of the property. Approximately 78 tons of bitumen and soil was removed in August 2015. Analysis of two discrete samples confirmed removal. In November 2015 Coffman Excavation removed PCB-impacted soil from the planned utility corridor trench in the area of the former pole-mounted transformers along the southern portion of the property. Three discrete samples were collected from the base of the trench for PCB analysis. No PCBs were detected. Based on completion

REXEL/TAYLOR ELECTRICAL SUPPLY (Continued) **S108059928**

of this work, DEQ issued a Certificate of Completion in September 2016 (JKS 11-21-17).

NARR ID: 5748226
NARR Code: Health Threats
Created By: MPUGH
Created Date: 06/20/2006
Updated By: MPUGH
Updated Date: 06/30/2006
Decode for NarcdID: Health Threats
NARR Comments: Threat to human health may exist from fire debris. Once the fire debris is removed the risk from residual contamination will likely be low, as the soil at the site is almost completely covered with concrete. The storm drain lines and associated contaminants could present an ongoing source of residual contamination to the Willamette River, but due to the expected limited volume is not expected to present a signifcant threat to humans or wildlife.

NARR ID: 5756181
NARR Code: 1922
Created By: GWISTAR
Created Date: 06/22/2016
Updated By: JSCHATZ
Updated Date: 11/21/2017
Decode for NarcdID: Current Site Summary Statement
NARR Comments: [March 2016] DEQ negotiated a Prospective Purchaser Agreement with a developer constructing new office building on the site. The seller cleaned up fire debris and sediment in adjacent stormwater pipes, and the buyer undertook shallow soil removal. A Certificate of Completion was issued in September 2016.

Administrative Action:
Action ID: 9519
Region: Northwestern Region
Complete Date: 02/18/2009
Rank Value: Not reported
Cleanup Flag: False
Created Date: 05/02/2008
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: VCS Waiting List
Further Action: 0
Comments: Not reported

Action ID: 9435
Region: Northwestern Region
Complete Date: 04/01/2009
Rank Value: Not reported
Cleanup Flag: False
Created Date: 02/19/2009
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Independent Cleanup Program
Further Action: 0

REXEL/TAYLOR ELECTRICAL SUPPLY (Continued) **S108059928**

Comments: Not reported

Action ID: 9413
Region: Northwestern Region
Complete Date: 05/24/2010
Rank Value: Not reported
Cleanup Flag: False
Created Date: 05/24/2010
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Closeout activities on completed project
Further Action: 0
Comments: Not reported

Action ID: 9440
Region: Northwestern Region
Complete Date: 09/26/2016
Rank Value: Not reported
Cleanup Flag: False
Created Date: 07/25/2011
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Letter Agreement
Further Action: 0
Comments: Not reported

Action ID: 9464
Region: Northwestern Region
Complete Date: 12/11/2012
Rank Value: Not reported
Cleanup Flag: False
Created Date: 10/29/2012
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Prospective Purchaser Agreement
Further Action: 0
Comments: Not reported

Action ID: 9414
Region: Northwestern Region
Complete Date: 09/26/2016
Rank Value: Not reported
Cleanup Flag: False
Created Date: 11/21/2017
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Certification of Completion
Further Action: 0
Comments: Not reported

REXEL/TAYLOR ELECTRICAL SUPPLY (Continued) **S108059928**

Action ID: 9508
Region: Northwestern Region
Complete Date: 06/30/2006
Rank Value: Not reported
Cleanup Flag: False
Created Date: 06/30/2006
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Site Screening recommended (EV)
Further Action: 0
Comments: Not reported

Action ID: 9424
Region: Not reported
Complete Date: 05/22/2006
Rank Value: Not reported
Cleanup Flag: False
Created Date: 05/22/2006
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Administrative Action
Action Code Flag: False
Action: Site added to database
Further Action: Not reported
Comments: Not reported

VCS:
ECS Site ID: 4632
Facility Size: 0.92 acres
Action: Certification of Completion
Start Date: 03/31/2016
End Date: 09/26/2016
Facility Status: Completed
Program: VCP
Latitude: 45.5112
Longitude: -122.6633

OR BROWNFIELDS:
Geolocation Id: 96774
Status: Certification of Completion
Lat/Long: 45.5112 / -122.663

OR SPILLS:
Facility ID: 2006-1238
Incident Status: Archive
Material: Not reported
Quantity: 50
Unit of Measure: Gallons
Release Date: 05/17/2006
Description: Originally reported as sheen on Willamette River between Ross Island and Freemont Bridges. Found to be caused by warehouse fire affecting stored electrical equipment and also pole-mounted (PGE) transformers nearby.
Lat/Long: 45.5112 / -122.6633

REXEL/TAYLOR ELECTRICAL SUPPLY (Continued) **S108059928**

Source: Electrical Equipment
Media: Coding for the PS/BC Oil Spill Database
Responsible Company: Taylor Electric
Responsible Address: 1709 SE 3rd Ave
Responsible City,St,Zip: Portland, OR 97214-4547

Facility ID: 2006-1238
Incident Status: Archive
Material: Not reported
Quantity: 50
Unit of Measure: Gallons
Release Date: 05/17/2006
Description: Originally reported as sheen on Willamette River between Ross Island and Freemont Bridges. Found to be caused by warehouse fire affecting stored electrical equipment and also pole-mounted (PGE) transformers nearby.
Lat/Long: 45.5112 / -122.6633
Source: Electrical Equipment
Media: Not reported
Responsible Company: Taylor Electric
Responsible Address: 1709 SE 3rd Ave
Responsible City,St,Zip: Portland, OR 97214-4547

DH395 **PRATT & LARSON TILE** **OR ECSI** **S117277437**
WSW **1204-1216 SE WATER AVE.** **OR VCP** **N/A**
1/2-1 **PORTLAND, OR 97214**
0.560 mi.
2958 ft. **Site 1 of 2 in cluster DH**

Relative: **Lower**
Actual: **39 ft.**

ECSI:

State ID Number:	5919
Brown ID:	0
Study Area:	False
Region ID:	2
Legislatve ID:	0
Investigation:	No Further Action
FACA ID:	132842
Further Action:	0
Lat/Long (dms):	45 30 50.80 / -122 39 55.40
County Code:	26.00
Score Value:	Not reported
Cerclis ID:	Not reported
Township Coord.:	1.00
Township Zone:	S
Range Coord:	1.00
Range Zone:	E
Section Coord:	3
Qtr Section:	AD
Tax Lots:	3500
Size:	0.46 acres
NPL:	False
Orphan:	False
Updated By:	MPUGH
Update Date:	02/19/2015
Created Date:	07/31/2014
Decode For RegionID:	Northwest Region
Decode For BrownID:	Not reported
Decode For Furtheract:	Not reported

PRATT & LARSON TILE (Continued) **S117277437**

Decode For Investstat: No Further Action
Decode For Legislative: Not reported

Narrative:
NARR ID: 5755286
NARR Code: Site Contacts
Created By: MPUGH
Created Date: 09/11/2014
Updated By: MPUGH
Updated Date: 02/19/2015
Decode for NarcdID: Site Contacts
NARR Comments: Michael Pratt owner

NARR ID: 5755287
NARR Code: Contamination
Created By: MPUGH
Created Date: 09/11/2014
Updated By: MPUGH
Updated Date: 02/19/2015
Decode for NarcdID: Contamination
NARR Comments: Degraded diesel and gasoline range contamination Soil and shallow groundwater at the Site was impacted by petroleum hydrocarbons in the early 1900s. The fire in 1911 likely contributed to the petroleum releases. Kerosene and diesel are the primary petroleum contaminants in soil and groundwater beneath the Site. The petroleum is highly degraded and contains virtually no benzene, toluene, ethylbenzene or xylenes, and very low concentrations of polycyclic aromatic hydrocarbons (PAHs). Water samples were collected from two sumps that contained sufficient water after prolonged precipitation, and analyzed for extractable petroleum hydrocarbons (EPH) using Method NW-EPH and volatile petroleum hydrocarbons (VPH) using Method NW-VPH to evaluate if volatilization of petroleum constituents from shallow groundwater to indoor air was a pathway of concern. EPH and VPH compounds were not detected.

NARR ID: 5755288
NARR Code: Data Sources
Created By: MPUGH
Created Date: 09/11/2014
Updated By: MPUGH
Updated Date: 02/19/2015
Decode for NarcdID: Data Sources
NARR Comments: Site Characterization Report 1204 SE Water Avenue AMEC, July 9, 2014 Sump water sampling letter report dated January 16, 2015, submitted to DEQ on your behalf by AMEC Environment and Infrastructure

NARR ID: 5755289
NARR Code: General Site Description
Created By: MPUGH
Created Date: 09/11/2014
Updated By: MPUGH
Updated Date: 02/19/2015
Decode for NarcdID: General Site Description
NARR Comments: The Pratt and Larsen Site property (the Site) is comprised of lots 1, 2, 7 and 8 of East Portland Addition Block 14 in Section 3 of Township 1 South, Range 1 East of the Willamette Meridian in Multnomah County, Oregon. The Site had former addresses of 220/224/226 East Water Street, 314 East Salmon Street, 211/225 East

PRATT & LARSON TILE (Continued) **S117277437**

1st Street, 88 S.E. Salmon Street, 1201/1215 S.E. 1st Avenue, and 1204/1216 S.E. Water Avenue. The 4 tax lots total approximately 0.5 acres and comprise the northern half of a City block. The property contains an approximately 20,000 square foot building that covers most of the property. The building has a partial second floor and full basement.

NARR ID: 5755290
NARR Code: Hazardous Substance/Waste Types
Created By: MPUGH
Created Date: 09/11/2014
Updated By: MPUGH
Updated Date: 09/11/2014
Decode for NarcdID: Hazardous Substance/Waste Types
NARR Comments: Degraded petroleum with minimal constitients such as volatile organic compounds or polcyclic aromatic hydrocarbons.

NARR ID: 5755574
NARR Code: Land Use (Current/Reasonably Likely)
Created By: MPUGH
Created Date: 02/19/2015
Updated By: MPUGH
Updated Date: 02/19/2015
Decode for NarcdID: Land Use (Current/Reasonably Likely)
NARR Comments: The site zoning as General Industrial 1 precludes residential use. Because residential development would require a zoning change, future residential exposure is not a reasonably likely future land use.

NARR ID: 5755293
NARR Code: Manner of Release
Created By: MPUGH
Created Date: 09/11/2014
Updated By: MPUGH
Updated Date: 09/11/2014
Decode for NarcdID: Manner of Release
NARR Comments: Petroleum drips and spills from day to day operations apparently were directed to in-floor trenchs exposed to soil.

NARR ID: 5755576
NARR Code: Project Activity Status
Created By: MPUGH
Created Date: 02/19/2015
Updated By: MPUGH
Updated Date: 02/19/2015
Decode for NarcdID: Project Activity Status
NARR Comments: Based on the available information, the Site is currently protective of public health and the environment. The site requires no further action under the Oregon Environmental Cleanup Law, ORS 465.200 et seq. unless new or previously undisclosed information becomes available, or there are changes in site development or land and water uses, or more contamination is discovered. DEQ will update the Environmental Cleanup Site Information (ECSI) database to reflect this decision.

NARR ID: 5755294
NARR Code: Pathways Other Hazards
Created By: MPUGH

PRATT & LARSON TILE (Continued) **S117277437**

Created Date: 09/11/2014
Updated By: MPUGH
Updated Date: 02/19/2015
Decode for NarcdID: Pathways & Other Hazards
NARR Comments: Direct contact by construction workers with soil beneath the basement floor is the only pathway of concern at the site.

NARR ID: 5755575
NARR Code: Remedial Action
Created By: MPUGH
Created Date: 02/19/2015
Updated By: MPUGH
Updated Date: 02/19/2015
Decode for NarcdID: Remedial Action
NARR Comments: Based on the available information, the Site is currently protective of public health and the environment. The site requires no further action under the Oregon Environmental Cleanup Law, ORS 465.200 et seq. unless new or previously undisclosed information becomes available, or there are changes in site development or land and water uses, or more contamination is discovered. DEQ will update the Environmental Cleanup Site Information (ECSI) database to reflect this decision.

NARR ID: 5755292
NARR Code: Health Threats
Created By: MPUGH
Created Date: 09/11/2014
Updated By: MPUGH
Updated Date: 02/19/2015
Decode for NarcdID: Health Threats
NARR Comments: Residual contamination is above DEQ risk-based concentrations for urban residents. However, the site is zoned industrial which prohibits residential use. Contamination above applicable risk-based standards is limited to soils and shallow groundwater within the Site property boundary. Petroleum-impacted soil and shallow groundwater are present immediately beneath the basement floor. Most of the contamination occurs within the smear zone of seasonal water table fluctuation between 10 and 20 feet below local grade (from 0 to 10 feet below the basement floor). The only contaminant detected above its applicable risk-based concentration (RBC) is diesel in soil. Diesel concentrations in soil are above the RBC for direct contact by construction workers at sample locations MW-1, MW-2 and MW-3. All other detected contaminant concentrations in groundwater, soil and water were below applicable RBCs based on occupational exposure scenarios.

NARR ID: 5755295
NARR Code: Water Use (Current/Reasonably Likely)
Created By: MPUGH
Created Date: 09/11/2014
Updated By: MPUGH
Updated Date: 02/19/2015
Decode for NarcdID: Water Use (Current/Reasonably Likely)
NARR Comments: Based on a review of local well logs and DEQ experience at other sites in the area, shallow groundwater is not used for potable purposes in the site area.

PRATT & LARSON TILE (Continued) **S117277437**

NARR ID: 5755577
NARR Code: Institutional Control
Created By: MPUGH
Created Date: 02/19/2015
Updated By: MPUGH
Updated Date: 02/19/2015
Decode for NarcdID: Institutional Control
NARR Comments: If any contaminated soil or groundwater is encountered in the future, appropriate health and safety measures should implemented for site workers to minimize exposure, and it must be handled and disposed of in accordance with local, state and federal regulations. Monitoring wells should be maintained or decommissioned in accordance with Oregon Water Resources Department regulations.

NARR ID: 5755291
NARR Code: Site History
Created By: MPUGH
Created Date: 09/11/2014
Updated By: MPUGH
Updated Date: 09/11/2014
Decode for NarcdID: Site History
NARR Comments: the site was developed around 1900 and used by the Union Oil Company of California until about 1910 for storage and distributiojn of petroleum and paint. The original building burned in 1911. It was rebuilt from then until 1924 and used for paint storage. After that the was used for storage of various products.

Administrative Action:
Action ID: 9424
Region: Not reported
Complete Date: 07/31/2014
Rank Value: Not reported
Cleanup Flag: False
Created Date: 07/31/2014
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Administrative Action
Action Code Flag: False
Action: Site added to database
Further Action: Not reported
Comments: Not reported

Action ID: 9519
Region: Northwestern Region
Complete Date: 09/09/2014
Rank Value: Not reported
Cleanup Flag: False
Created Date: 07/31/2014
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: VCS Waiting List
Further Action: 0
Comments: Not reported

Action ID: 9440
Region: Northwestern Region

PRATT & LARSON TILE (Continued) **S117277437**

Complete Date: 02/19/2015
Rank Value: Not reported
Cleanup Flag: False
Created Date: 09/11/2014
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Letter Agreement
Further Action: 0
Comments: Not reported

Action ID: 9443
Region: Northwestern Region
Complete Date: 02/19/2015
Rank Value: Not reported
Cleanup Flag: False
Created Date: 02/19/2015
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: NO FURTHER STATE ACTION REQUIRED
Further Action: 0
Comments: Not reported

VCS:
ECS Site ID: 5919
Facility Size: 0.46 acres
Action: NO FURTHER STATE ACTION REQUIRED
Start Date: 02/19/2015
End Date: 02/19/2015
Facility Status: Completed
Program: VCP
Latitude: 45.5141
Longitude: -122.6654

DH396 **ODOT-CENTRAL EASTSIDE PROPERTIES** **OR ECSI** **S117365761**
WSW **SE WATER AVE. BETWEEN SE TAYLOR & MADISON STS.** **OR VCP** **N/A**
1/2-1 **PORTLAND, OR 97214**
0.565 mi.
2984 ft. **Site 2 of 2 in cluster DH**

Relative:
Lower

Actual:
38 ft.

ECSI:
State ID Number: 5936
Brown ID: 0
Study Area: False
Region ID: 2
Legislatve ID: 0
Investigation: Suspect
FACA ID: 134425
Further Action: 0
Lat/Long (dms): 45 30 51.10 / -122 39 56.50
County Code: 26.00
Score Value: Not reported
Cerclis ID: Not reported
Township Coord.: 1.00

ODOT-CENTRAL EASTSIDE PROPERTIES (Continued) **S117365761**

Township Zone: S
Range Coord: 1.00
Range Zone: E
Section Coord: 2
Qtr Section: Not reported
Tax Lots: 1701, 1702, 1703, 3600, 4302
Size: Not reported
NPL: False
Orphan: False
Updated By: GWISTAR
Update Date: 10/03/2016
Created Date: 11/26/2014
Decode For RegionID: Northwest Region
Decode For BrownID: Not reported
Decode For Furtheract: Not reported
Decode For Investstat: Suspect
Decode For Legislative: Not reported
Alias Name: ODOT Region 1 Parcel 2C
Alias Name: ODOT SE Water Ave.

Narrative:
NARR ID: 5757070
NARR Code: Remedial Action
Created By: BSCHWAR
Created Date: 03/06/2018
Updated By: BSCHWAR
Updated Date: 08/15/2018
Decode for NarcdID: Remedial Action
NARR Comments: (B Schwarz, August 15, 2018) DEQ has been working with ODOT and Prosper Portland (formerly Portland Development Commission) in evaluating environmental conditions on this property. Prosper Portland plans to develop the property for light industrial use. Construction related to this development would not be done until 2019 or later. Based on a review of site documents, DEQ plans to propose issuing a conditional No Further Action determination. The primary conditions are recording of a deed restriction and adherence to a Contaminated Media Management Plan (CMMP), and a Remedial Action Approach Plan (RAAP). Copies of the CMMP and RAAP are attached, as well as a copy of DEQ's staff report in support of the proposed conditional No Further Action determination.

Administrative Action:
Action ID: 9424
Region: Not reported
Complete Date: 11/26/2014
Rank Value: Not reported
Cleanup Flag: False
Created Date: 11/26/2014
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Administrative Action
Action Code Flag: False
Action: Site added to database
Further Action: Not reported
Comments: Not reported

Action ID: 9511
Region: Eastern Region

ODOT-CENTRAL EASTSIDE PROPERTIES (Continued) **S117365761**

Complete Date: Not reported
Rank Value: Not reported
Cleanup Flag: False
Created Date: 11/26/2014
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Eastern Region
Category: Remedial Action
Action Code Flag: False
Action: SITE INVESTIGATION
Further Action: 0
Comments: Not reported

VCS:
ECS Site ID: 5936
Facility Size: Not reported
Action: SITE INVESTIGATION
Start Date: 11/26/2014
End Date: Not reported
Facility Status: Active
Program: VCP
Latitude: 45.5142
Longitude: -122.6657

397
NNE
1/2-1
0.566 mi.
2989 ft.

KOPPY PROPERTY
1642 NE SANDY BLVD.
PORTLAND, OR 97232

OR ECSI **S111119963**
OR BROWNFIELDS **N/A**
OR MANIFEST

Relative:
Higher

Actual:
131 ft.

ECSI:
State ID Number: 5609
Brown ID: Brownfield Site - Assistance From Other Public Agencies
Study Area: False
Region ID: 2
Legislatve ID: 0
Investigation: Suspect
FACA ID: 119402
Further Action: 0
Lat/Long (dms): 45 31 27.80 / -122 38 55.30
County Code: 26.00
Score Value: Not reported
Cerclis ID: Not reported
Township Coord.: 1.00
Township Zone: N
Range Coord: 1.00
Range Zone: E
Section Coord: 35
Qtr Section: DB
Tax Lots: 3300
Size: 0.08 acres
NPL: False
Orphan: False
Updated By: GWISTAR
Update Date: 12/21/2011
Created Date: 06/27/2011
Decode For RegionID: Northwest Region
Decode For BrownID: Brownfield Site - Assistance from Other Public Agencies

KOPPY PROPERTY (Continued) **S111119963**

Decode For Furtheract: Not reported
Decode For Investstat: Suspect
Decode For Legislative: Not reported

Narrative:
NARR ID: 5753485
NARR Code: Contamination
Created By: GWISTAR
Created Date: 08/10/2011
Updated By: KDANA
Updated Date: 10/26/2011
Decode for NarcdID: Contamination
NARR Comments: (8/10/11 GMW/SAS) This is a LUST site (log #s 26-11-0584 and -0585) that DEQ closed administratively in June 2011 and referred to Cleanup. This is because of new funding from the OR Dept. of Business Development to investigate and clean up the site as a brownfields redevelopment project. (10/20/2011 KPD/VCS) A 375-gallon underground storage tank was decommissioned by removal from the site on June 13, 2011. Stoddard solvent was identified in soil around the tank. The property owner (Lawrence Koppy) signed up for DEQ oversight on June 27 but withdrew on October 19 after he sold the property.

NARR ID: 5753658
NARR Code: Hazardous Substance/Waste Types
Created By: KDANA
Created Date: 10/26/2011
Updated By: KDANA
Updated Date: 10/26/2011
Decode for NarcdID: Hazardous Substance/Waste Types
NARR Comments: Stoddard solvent. Potential for other dry cleaning solvents.

NARR ID: 5753656
NARR Code: Site Location
Created By: KDANA
Created Date: 10/26/2011
Updated By: KDANA
Updated Date: 10/26/2011
Decode for NarcdID: Site Location
NARR Comments: The Koppy Property is located on the southwest corner of the intersection of NE Sandy Boulevard and NE 17th Avenue in Portland. NE Davis Street borders the site to the south.

NARR ID: 5753657
NARR Code: Manner of Release
Created By: KDANA
Created Date: 10/26/2011
Updated By: KDANA
Updated Date: 10/26/2011
Decode for NarcdID: Manner of Release
NARR Comments: Leaking underground storage tank

Administrative Action:
Action ID: 9424
Region: Not reported
Complete Date: 06/27/2011
Rank Value: Not reported
Cleanup Flag: False
Created Date: 06/27/2011

KOPPY PROPERTY (Continued) **S111119963**

Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Administrative Action
Action Code Flag: False
Action: Site added to database
Further Action: Not reported
Comments: Not reported

Action ID: 9519
Region: Northwestern Region
Complete Date: 10/19/2011
Rank Value: Not reported
Cleanup Flag: False
Created Date: 08/23/2011
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: VCS Waiting List
Further Action: 0
Comments: Not reported

Action ID: 9508
Region: Northwestern Region
Complete Date: 10/20/2011
Rank Value: Not reported
Cleanup Flag: False
Created Date: 10/20/2011
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Site Screening recommended (EV)
Further Action: 0
Comments: Not reported

OR BROWNFIELDS:
Geolocation Id: 119402
Status: Site Screening recommended (EV)
Lat/Long: 45.5244 / -122.648

OR MANIFEST:
Manifest Year: Manifest Year - 2011
EPA Id: ORQ000029694
Inactive Status: 2011-07-18 00:00:00
Organization Name: Not reported
Contact Name: Lawrence Koppy
Contact Telephone Number: Not reported
Mailing Address: 2658 NW Fawn Run Ln
Mailing City/State/Zip: Bend, OR 97701

Manifest:
Year : 2011
RCRA Id : ORQ000029694
Inactive : 2011-07-18 00:00:00
Status: Large quantity generator

KOPPY PROPERTY (Continued) **S111119963**

Manifest : 004418835fle
Ship Date : 06/23/2011
TSD : NED981723513
WS Num: 1
Transporter: ORQ000023150
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H040
EPA Waste Codes: D001
Waste Description: Waste Flammable Liquids, N.O.S., (Stoddard Solvent)
Total Amt Of Waste Stream Generated in Reporting Yr 1: 1457.0161375
Total Amt Of Waste Stream Generated in Reporting Yr 2: 416.290325

Year : 2011
RCRA Id : ORQ000029694
Inactive : 2011-07-18 00:00:00
Status: Large quantity generator
Manifest : 004418819fle
Ship Date : 06/13/2011
TSD : NED981723513
WS Num: 1
Transporter: ORQ000023150
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H040
EPA Waste Codes: D001
Waste Description: Waste Flammable Liquids, N.O.S., (Stoddard Solvent)
Total Amt Of Waste Stream Generated in Reporting Yr 1: 1457.0161375
Total Amt Of Waste Stream Generated in Reporting Yr 2: 1040.7258125000001

---

398 South 1/2-1 0.574 mi. 3033 ft.

LANDON THREE LLC
2011 SE 10TH AVE.
PORTLAND, OR 97214

OR ECSI **S118869509**
OR VCP **N/A**

Relative: Lower

Actual: 53 ft.

ECSI:
State ID Number: 6131
Brown ID: 0
Study Area: False
Region ID: 2
Legislatve ID: 0
Investigation: Suspect
FACA ID: 141581
Further Action: 0
Lat/Long (dms): 45 30 30.20 / -122 39 21.20
County Code: 26.00
Score Value: Not reported
Cerclis ID: Not reported
Township Coord.: 1.00
Township Zone: S
Range Coord: 1.00
Range Zone: E
Section Coord: 2
Qtr Section: CD
Tax Lots: 19400
Size: 0.17 acres

LANDON THREE LLC (Continued) **S118869509**

NPL: False
Orphan: False
Updated By: GWISTAR
Update Date: 08/15/2016
Created Date: 08/11/2016
Decode For RegionID: Northwest Region
Decode For BrownID: Not reported
Decode For Furtheract: Not reported
Decode For Investstat: Suspect
Decode For Legislative: Not reported

Administrative Action:
Action ID: 9424
Region: Not reported
Complete Date: 08/11/2016
Rank Value: Not reported
Cleanup Flag: False
Created Date: 08/11/2016
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Administrative Action
Action Code Flag: False
Action: Site added to database
Further Action: Not reported
Comments: Not reported

Action ID: 9519
Region: Northwestern Region
Complete Date: 01/09/2017
Rank Value: Not reported
Cleanup Flag: False
Created Date: 08/11/2016
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: VCS Waiting List
Further Action: 0
Comments: Not reported

Action ID: 9425
Region: Eastern Region
Complete Date: Not reported
Rank Value: Not reported
Cleanup Flag: False
Created Date: 04/03/2017
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Eastern Region
Category: Remedial Action
Action Code Flag: False
Action: SITE EVALUATION
Further Action: 0
Comments: Not reported

VCS:
ECS Site ID: 6131
Facility Size: 0.17 acres

LANDON THREE LLC (Continued) **S118869509**

Action:	SITE EVALUATION
Start Date:	01/09/2017
End Date:	Not reported
Facility Status:	Active
Program:	ICP
Latitude:	45.5084
Longitude:	-122.6559

399
NW
1/2-1
0.579 mi.
3057 ft.

BLOCK 75 **OR ECSI S116734847**
111 NE MARTIN LUTHER KING JR. BLVD. **OR VCP N/A**
PORTLAND, OR 97232

Relative:
Lower

Actual:
65 ft.

ECSI:

State ID Number:	5905
Brown ID:	0
Study Area:	False
Region ID:	2
Legislatve ID:	831
Investigation:	No Further Action
FACA ID:	5332
Further Action:	0
Lat/Long (dms):	45 31 26.00 / -122 39 43.60
County Code:	26.00
Score Value:	Not reported
Cerclis ID:	Not reported
Township Coord.:	1.00
Township Zone:	N
Range Coord:	1.00
Range Zone:	E
Section Coord:	34
Qtr Section:	DA
Tax Lots:	2900, 3000, 3200
Size:	0.61 acres
NPL:	False
Orphan:	False
Updated By:	KDANA
Update Date:	10/12/2015
Created Date:	06/17/2014
Decode For RegionID:	Northwest Region
Decode For BrownID:	Not reported
Decode For Furtheract:	Not reported
Decode For Investstat:	No Further Action
Decode For Legislative:	Owner, operator or other party under agreement, order or consent decree under ORS 465.200 or 465.420

Alias Name: Industrial Finishes & Systems Inc.
Alias Name: Urban Development Partners
Alias Name: Portland Development Commission (PDC)

Hazardous Release:

Substance ID.:	121011
Haz Release ID:	388217
Qty Released:	unknown
Date Released:	unknown
Update Date:	10/16/2014
Update By:	KDANA
Substance Code:	127-18-4

BLOCK 75 (Continued) **S116734847**

Substance Name:	TETRACHLOROETHYLENE
Substance Abbrev.:	Not reported
Substance Category ID:	8519
Substance Category:	Volatiles
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Substance Category ID:	8551
Substance Category:	Solvents of interest to Milwaukie Area GW study
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Substance Category ID:	8519
Substance Category:	Volatiles
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Substance Category ID:	8551
Substance Category:	Solvents of interest to Milwaukie Area GW study
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Substance Alias ID:	316912
Sub Alias Name:	ETHENE,TETRACHLORO-
Substance Alias ID:	316913
Sub Alias Name:	ETHYLENE TETRACHLORIDE
Substance Alias ID:	316914
Sub Alias Name:	PERCHLOROETHYLENE
Substance Alias ID:	316915
Sub Alias Name:	PERCLENE
Substance Alias ID:	316916
Sub Alias Name:	TETRACHLOROETHENE
Substance Alias ID:	316917
Sub Alias Name:	TETRACHLOROETHENE,1,1,2,2-
Substance Alias ID:	316918
Sub Alias Name:	TETRACHLOROETHYLENE,1,1,2,2-
Comment ID:	305651
Release Code:	General Comments
Release Comments:	Also known as perchloroethylene (PCE or perc)
Decode for Relcomcd:	General Comments
Comment ID:	305652
Release Code:	Media Contamination Footnote
Release Comments:	Other = soil gas
Decode for Relcomcd:	Media Contamination Footnote
Comment ID:	305653
Release Code:	Data Sources
Release Comments:	September 2014 Focused Work Plan by Hahn & Associates, Inc.
Decode for Relcomcd:	Data Sources
Sampling Result ID:	350723
Feature Id:	0
Hazard Release Id:	388217
Medium:	698
Substance Abbrev.:	0
Unit Code:	8
Observation:	False
Owner Operator:	False
Lab Data:	True

BLOCK 75 (Continued) **S116734847**

Sample Depth: 32.5-35.0 ft bgs
Start Date: 07/28/1999
End Date: 07/28/1999
Min Concentration: Not reported
Max Concentration: 35.10
Sample Comment: up to 35.1 ppb
Last Update By: KDANA
Update Date: 10/16/2014
Decode for MediumID: Groundwater
Sampling Result ID: 350724
Feature Id: 0
Hazard Release Id: 388217
Medium: 700
Substance Abbrev.: 0
Unit Code: 95
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: 4.5-5.0 ft bgs
Start Date: 11/27/2013
End Date: 11/27/2013
Min Concentration: Not reported
Max Concentration: 690.00
Sample Comment: up to 690 ug/m3
Last Update By: KDANA
Update Date: 10/16/2014
Decode for MediumID: Other

Substance ID.: 121664
Haz Release ID: 388258
Qty Released: unknown
Date Released: unknown
Update Date: 09/30/2015
Update By: KDANA
Substance Code: 7440-38-2
Substance Name: ARSENIC
Substance Abbrev.: Not reported
Substance Category ID: 8439
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8439
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 319286
Sub Alias Name: AS
Comment ID: 305691
Release Code: Data Sources
Release Comments: June 2015 ICP Report by Hahn & Associates, Inc.
Decode for Relcomcd: Data Sources
Sampling Result ID: 350766
Feature Id: 0
Hazard Release Id: 388258
Medium: 703

BLOCK 75 (Continued) **S116734847**

Substance Abbrev.: 0
Unit Code: 7
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: 0-2 ft bgs
Start Date: 01/26/2015
End Date: 01/26/2015
Min Concentration: Not reported
Max Concentration: 10.00
Sample Comment: up to 10.0 ppm
Last Update By: KDANA
Update Date: 09/30/2015
Decode for MediumID: Soil
Sampling Result ID: 350767
Feature Id: 0
Hazard Release Id: 388258
Medium: 703
Substance Abbrev.: 0
Unit Code: 7
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: 26.5 ft bgs
Start Date: 01/26/2015
End Date: 01/26/2015
Min Concentration: Not reported
Max Concentration: 17.70
Sample Comment: up to 17.7 ppm
Last Update By: KDANA
Update Date: 09/30/2015
Decode for MediumID: Soil

Substance ID.: 121639
Haz Release ID: 388259
Qty Released: unknown
Date Released: unknown
Update Date: 09/30/2015
Update By: KDANA
Substance Code: 7439-92-1
Substance Name: LEAD
Substance Abbrev.: Not reported
Substance Category ID: 8466
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8466
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 319256
Sub Alias Name: PB
Comment ID: 305692
Release Code: Data Sources
Release Comments: June 2015 ICP Report by Hahn & Associates, Inc.

BLOCK 75 (Continued) **S116734847**

Decode for Relcomcd: Data Sources
Sampling Result ID: 350768
Feature Id: 0
Hazard Release Id: 388259
Medium: 703
Substance Abbrev.: 0
Unit Code: 7
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: 26.5 ft bgs
Start Date: 01/26/2015
End Date: 01/26/2015
Min Concentration: Not reported
Max Concentration: 944.00
Sample Comment: up to 944 ppm
Last Update By: KDANA
Update Date: 09/30/2015
Decode for MediumID: Soil
Sampling Result ID: 350769
Feature Id: 0
Hazard Release Id: 388259
Medium: 703
Substance Abbrev.: 0
Unit Code: 7
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: 0-2 ft bgs
Start Date: 01/26/2015
End Date: 01/26/2015
Min Concentration: Not reported
Max Concentration: 20.30
Sample Comment: up to 20.3 ppm
Last Update By: KDANA
Update Date: 09/30/2015
Decode for MediumID: Soil

Narrative:
NARR ID: 5755352
NARR Code: Contamination
Created By: KDANA
Created Date: 10/13/2014
Updated By: KDANA
Updated Date: 10/12/2015
Decode for NarcdID: Contamination
NARR Comments: (10/08/2015 KPD/ICP) Groundwater samples collected to the south of Block 75 in 1998 and 1999 identified a plume of PCE that appeared to originate on the Block. Soil samples collected on Block 75 in July 2004 found virtually no contamination of any kind. However, soil gas samples collected in November 2013 showed a plume of PCE extending roughly from the center of the Block to the southeast corner. PCE was also detected in on-site groundwater samples in October 2014.

NARR ID: 5755355
NARR Code: Data Sources
Created By: KDANA
Created Date: 10/13/2014

BLOCK 75 (Continued) **S116734847**

Updated By: KDANA
Updated Date: 07/06/2015
Decode for NarcdID: Data Sources
NARR Comments: 1) HAI <quot>Phase II Environmental Site Assessment Report<quot> [September 15, 2004]. 2) HAI <quot>Phase II Environmental Site Assessment Report<quot> [December 11, 2013]. 3) HAI <quot>Contaminated Media Management Plan<quot> [July 11, 2014]. 4) HAI <quot>Focused Work Plan for Supplemental Groundwater Investigation<quot> [September 9, 2014]. 5) HAI <quot>Independent Cleanup Pathway Report<quot> [June 8, 2015].

NARR ID: 5755353
NARR Code: Hazardous Substance/Waste Types
Created By: KDANA
Created Date: 10/13/2014
Updated By: KDANA
Updated Date: 10/13/2014
Decode for NarcdID: Hazardous Substance/Waste Types
NARR Comments: Perchloroethylene (PCE)

NARR ID: 5755350
NARR Code: Site Location
Created By: KDANA
Created Date: 10/13/2014
Updated By: KDANA
Updated Date: 10/13/2014
Decode for NarcdID: Site Location
NARR Comments: The site occupies all but the NE quarter of the block bounded by NE Davis Street to the north, NE Couch Street to the south, NE MLK Blvd. to the east and NE 3rd Avenue to the west.

NARR ID: 5755357
NARR Code: Manner of Release
Created By: KDANA
Created Date: 10/16/2014
Updated By: KDANA
Updated Date: 07/06/2015
Decode for NarcdID: Manner of Release
NARR Comments: Manner and time of release unknown. Most likely releases of degreasing solvents from auto and motorcycle repair and maintenance facilities. The solvents may have traveled through abandoned cesspools to groundwater.

NARR ID: 5755354
NARR Code: Media Contamination
Created By: KDANA
Created Date: 10/13/2014
Updated By: KDANA
Updated Date: 10/13/2014
Decode for NarcdID: Media Contamination
NARR Comments: Groundwater and soil gas

NARR ID: 5755821
NARR Code: Site Ownership
Created By: KDANA
Created Date: 09/30/2015
Updated By: KDANA

BLOCK 75 (Continued) **S116734847**

Updated Date: 09/30/2015
Decode for NarcdID: Site Ownership
NARR Comments: Urban Development Partners (UDP) purchased Block 75 from the Portland Development Commission (PDC) around January 2014.

NARR ID: 5755820
NARR Code: Pathways Other Hazards
Created By: KDANA
Created Date: 09/30/2015
Updated By: KDANA
Updated Date: 10/01/2015
Decode for NarcdID: Pathways & Other Hazards
NARR Comments: Soils at the site were generally described as sandy silts to about 20 ft bgs, grading to silty and sandy gravels below 30 ft bgs. The gravels extend to at least 75 ft bgs. Groundwater was encountered roughly 40 ft bgs and flows southwest. The nearest surface water body is the Willamette River, about 750 feet west of the site. The site and surrounding properties are currently zoned Central Employment with a design overlay (EXd) by the City of Portland.

NARR ID: 5755822
NARR Code: Remedial Action
Created By: KDANA
Created Date: 09/30/2015
Updated By: KDANA
Updated Date: 10/12/2015
Decode for NarcdID: Remedial Action
NARR Comments: (10/08/2015 KPD/ICP) Redevelopment of the site began the last week of December 2014. Within days three former cesspools were discovered on the south half of the block. The cesspools were 3 ft in diameter, brick-lined, and extended to groundwater. Sediments at the bottom of the cesspools were contaminated with oil and metals. A total of 20.34 tons of sediments were vacuumed or augured out of the cesspools and shipped to the Hillsboro Landfill for disposal. Approximately 24,000 cubic yards of soil were excavated up to 22 ft bgs from the south half of the block and shipped to the Portside Lagoon and Landfill in Vancouver for disposal. No evidence of soil contamination (such as odors or staining) was observed during the excavations. Elevated concentrations of arsenic and lead remain at the bottom of one of the cesspools, and elevated concentrations of arsenic were detected in a composite surface soil sample from a parcel of former right-of-way immediately south of the block. However, DEQ has determined that the arsenic and lead at the bottom of the cesspool are too deep and too limited in extent to pose a direct contact risk, and the former right-of-way will be capped by the City of Portland to prevent contact with arsenic in the surface soils. DEQ also determined that the PCE concentrations in soil gas and groundwater did not pose an unacceptable risk to human health or the environment.

NARR ID: 5755358
NARR Code: Health Threats
Created By: KDANA
Created Date: 10/16/2014
Updated By: KDANA
Updated Date: 10/16/2014
Decode for NarcdID: Health Threats
NARR Comments: No unacceptable risks have been identified from the contamination at

BLOCK 75 (Continued) **S116734847**

the site. The soil gas concentrations are well below DEQ's risk-based concentrations, and groundwater in the area is not used as a drinking water source.

NARR ID: 5755351
NARR Code: Site History
Created By: KDANA
Created Date: 10/13/2014
Updated By: KDANA
Updated Date: 07/06/2015
Decode for NarcdID: Site History
NARR Comments: Approximately 11 residences were present at the site as of 1889. The residences began to be removed in the mid-1930s. By 1950 all of the residences had been removed, and a building was constructed in the SW quarter of the block. The building was variously used for automotive maintenance, motorcycle assembly, and delivery vehicle maintenance. A second building was constructed in the SE quarter of the block in 1970. The building was used as a motorcycle repair shop in the 1970s, as an automotive paint mixing and matching facility in the 1980s and 1990s, and as a bakery and restaurant in the 2000s. Both buildings were torn down in 2008, and the site remained vacant until construction of the current building began in 2015.

Administrative Action:
Action ID: 9424
Region: Not reported
Complete Date: 06/17/2014
Rank Value: Not reported
Cleanup Flag: False
Created Date: 06/17/2014
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Administrative Action
Action Code Flag: False
Action: Site added to database
Further Action: Not reported
Comments: Not reported

Action ID: 9519
Region: Northwestern Region
Complete Date: 07/28/2014
Rank Value: Not reported
Cleanup Flag: False
Created Date: 06/17/2014
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: VCS Waiting List
Further Action: 0
Comments: Not reported

Action ID: 9435
Region: Northwestern Region
Complete Date: 10/08/2015
Rank Value: Not reported
Cleanup Flag: True
Created Date: 10/13/2014

BLOCK 75 (Continued) **S116734847**

Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Independent Cleanup Program
Further Action: 0
Comments: Not reported

Action ID: 9443
Region: Northwestern Region
Complete Date: 10/08/2015
Rank Value: Not reported
Cleanup Flag: False
Created Date: 10/12/2015
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: NO FURTHER STATE ACTION REQUIRED
Further Action: 0
Comments: Not reported

VCS:
ECS Site ID: 5905
Facility Size: 0.61 acres
Action: NO FURTHER STATE ACTION REQUIRED
Start Date: 10/08/2015
End Date: 10/08/2015
Facility Status: Completed
Program: ICP
Latitude: 45.5239
Longitude: -122.6621

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400 NNW 1/2-1 0.579 mi. 3059 ft. **THROWAWAY BIT CORP.** **OR ECSI S103842084**
624 NE EVERETT ST. **OR VCP N/A**
PORTLAND, OR 97232

Relative: Higher
Actual: 85 ft.

ECSI:
State ID Number: 1068
Brown ID: 0
Study Area: False
Region ID: 2
Legislatve ID: 831
Investigation: No Further Action
FACA ID: 3768
Further Action: 0
Lat/Long (dms): 45 31 29.30 / -122 39 32.40
County Code: 26.00
Score Value: Not reported
Cerclis ID: Not reported
Township Coord.: 1.00
Township Zone: N
Range Coord: 1.00
Range Zone: E
Section Coord: 35

THROWAWAY BIT CORP. (Continued) **S103842084**

Qtr Section: CB
Tax Lots: TL 2100 (Lots 7,8; Block 149)
Size: 0.23 acres
NPL: False
Orphan: False
Updated By: GWISTAR
Update Date: 06/23/2015
Created Date: 02/04/1991
Decode For RegionID: Northwest Region
Decode For BrownID: Not reported
Decode For Furtheract: Not reported
Decode For Investstat: No Further Action
Decode For Legislative: Owner, operator or other party under agreement, order or consent decree under ORS 465.200 or 465.420
Alias Name: Vintage House Merchants

Hazardous Release:
Substance ID.: 121996
Haz Release ID: 385543
Qty Released: unknown
Date Released: unknown
Update Date: 04/02/1991
Update By: Not reported
Substance Code: ECD228
Substance Name: PETROLEUM HYDROCARBONS
Substance Abbrev.: Not reported
Substance Category ID: 8534
Substance Category: Petroleum Related Releases for OSPIRG Report
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8534
Substance Category: Petroleum Related Releases for OSPIRG Report
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Comment ID: 302657
Release Code: Data Sources
Release Comments: Voluntary Preliminary Assessment prepared by PBS Environmental Building consultants
Decode for Relcomcd: Data Sources
Sampling Result ID: 346708
Feature Id: Not reported
Hazard Release Id: 385543
Medium: 703
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: Not reported
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: 7,244 ppm
Last Update By: CONV
Update Date: 09/13/1994

THROWAWAY BIT CORP. (Continued) **S103842084**

Decode for MediumID: Soil

Substance ID.: 121701
Haz Release ID: 385544
Qty Released: unknown
Date Released: unknown
Update Date: 04/02/1991
Update By: Not reported
Substance Code: 75-35-4
Substance Name: DICHLOROETHYLENE,1,1-
Substance Abbrev.: Not reported
Substance Category ID: 8512
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8553
Substance Category: Solvents of interest to Milwaukie Area GW study
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8512
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8553
Substance Category: Solvents of interest to Milwaukie Area GW study
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 319364
Sub Alias Name: DICHLOROETHENE,1,1-
Substance Alias ID: 319365
Sub Alias Name: DICHLOROETHYLENE,asym-
Substance Alias ID: 319366
Sub Alias Name: ETHENE,1,1-DICHLORO-
Substance Alias ID: 319367
Sub Alias Name: VINYLIDENE CHLORIDE
Comment ID: 302655
Release Code: Data Sources
Release Comments: Voluntary Preliminary Assessment prepared by PBS Environmental Building consultants
Decode for Relcomcd: Data Sources
Sampling Result ID: 346709
Feature Id: Not reported
Hazard Release Id: 385544
Medium: 703
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: Not reported
End Date: Not reported
Min Concentration: Not reported

THROWAWAY BIT CORP. (Continued) **S103842084**

Max Concentration: Not reported
Sample Comment: 670 ppb
Last Update By: CONV
Update Date: 09/13/1994
Decode for MediumID: Soil

Substance ID.: 121694
Haz Release ID: 385545
Qty Released: unknown
Date Released: unknown
Update Date: 04/02/1991
Update By: Not reported
Substance Code: 75-09-2
Substance Name: METHYLENE CHLORIDE
Substance Abbrev.: Not reported
Substance Category ID: 8518
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8518
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 319341
Sub Alias Name: DICHLOROMETHANE
Substance Alias ID: 319342
Sub Alias Name: METHANE DICHLORIDE
Substance Alias ID: 319343
Sub Alias Name: METHYLENE BICHLORIDE
Substance Alias ID: 319344
Sub Alias Name: METHYLENE DICHLORIDE
Comment ID: 302654
Release Code: Data Sources
Release Comments: Voluntary Preliminary Assessment prepared by PBS Environmental Building consultants
Decode for Relcomcd: Data Sources
Sampling Result ID: 345050
Feature Id: Not reported
Hazard Release Id: 385545
Medium: 703
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: Not reported
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: 150 ppb
Last Update By: CONV
Update Date: 09/13/1994
Decode for MediumID: Soil

THROWAWAY BIT CORP. (Continued) **S103842084**

Substance ID.: 121552
Haz Release ID: 385546
Qty Released: unknown
Date Released: unknown
Update Date: 04/02/1991
Update By: Not reported
Substance Code: 630-20-6
Substance Name: TETRACHLOROETHANE,1,1,1,2-
Substance Abbrev.: Not reported
Substance Alias ID: 319031
Sub Alias Name: ETHANE,1,1,1,2-TETRACHLORO-
Comment ID: 302652
Release Code: Data Sources
Release Comments: Voluntary Preliminary Assessment prepared by PBS Environmental Building consultants
Decode for Relcomcd: Data Sources
Sampling Result ID: 346839
Feature Id: Not reported
Hazard Release Id: 385546
Medium: 703
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: Not reported
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: 4.9 ppb
Last Update By: CONV
Update Date: 09/13/1994
Decode for MediumID: Soil

Substance ID.: 121610
Haz Release ID: 385547
Qty Released: unknown
Date Released: unknown
Update Date: 04/02/1991
Update By: Not reported
Substance Code: 71-55-6
Substance Name: TRICHLOROETHANE,1,1,1-
Substance Abbrev.: Not reported
Substance Category ID: 8521
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8552
Substance Category: Solvents of interest to Milwaukie Area GW study
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8521
Substance Category: Volatiles
Category Level: Not reported

THROWAWAY BIT CORP. (Continued) **S103842084**

Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8552
Substance Category: Solvents of interest to Milwaukie Area GW study
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 318151
Sub Alias Name: TCA,1,1,1-
Substance Alias ID: 319183
Sub Alias Name: BALTANA
Substance Alias ID: 319184
Sub Alias Name: CHLOROTHENE
Substance Alias ID: 319185
Sub Alias Name: METHYLCHLOROFORM
Comment ID: 302653
Release Code: Data Sources
Release Comments: Voluntary Preliminary Assessment prepared by PBS Environmental Building consultants
Decode for Relcomcd: Data Sources
Sampling Result ID: 346686
Feature Id: Not reported
Hazard Release Id: 385547
Medium: 703
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: Not reported
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: 7.1 ppb
Last Update By: CONV
Update Date: 09/13/1994
Decode for MediumID: Soil

Substance ID.: 121781
Haz Release ID: 385548
Qty Released: unknown
Date Released: unknown
Update Date: 04/02/1991
Update By: Not reported
Substance Code: 79-01-6
Substance Name: TRICHLOROETHYLENE
Substance Abbrev.: Not reported
Substance Category ID: 8523
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8545
Substance Category: Solvents of interest to Milwaukie Area GW study
Category Level: Not reported
Created By: Not reported

THROWAWAY BIT CORP. (Continued) **S103842084**

Created Date: 12/17/2002
Substance Category ID: 8523
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8545
Substance Category: Solvents of interest to Milwaukie Area GW study
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 317517
Sub Alias Name: ETHINYL TRICHLORIDE
Substance Alias ID: 317518
Sub Alias Name: ETHYLENE TRICHLORIDE
Substance Alias ID: 317519
Sub Alias Name: TCE
Substance Alias ID: 317520
Sub Alias Name: TRI-CLENE
Substance Alias ID: 317521
Sub Alias Name: TRICHLOROETHENE
Comment ID: 302656
Release Code: Data Sources
Release Comments: Voluntary Preliminary Assessment prepared by PBS Environmental Building consultants
Decode for Relcomcd: Data Sources
Sampling Result ID: 346658
Feature Id: Not reported
Hazard Release Id: 385548
Medium: 703
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: Not reported
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: 24 ppb
Last Update By: CONV
Update Date: 09/13/1994
Decode for MediumID: Soil

Narrative:
NARR ID: 5731265
NARR Code: Contamination
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Contamination
NARR Comments: Soils under the building and in the northeast corner of the parking lot were sampled, and analysis indicates the presence of hazardous substances.

NARR ID: 5731266

THROWAWAY BIT CORP. (Continued) **S103842084**

NARR Code: Data Sources
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Data Sources
NARR Comments: Voluntary Preliminary Assessment prepared by PBS Environmental

NARR ID: 5731267
NARR Code: Hazardous Substance/Waste Types
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Hazardous Substance/Waste Types
NARR Comments: petroleum hydrocarbons, 1,1-dichloroethene, methylene chloride, perchloroethene, 1,1,1-trichloroethane, trichloroethene

NARR ID: 5731268
NARR Code: Manner of Release
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Manner of Release
NARR Comments: Time of release: unknown

NARR ID: 5731269
NARR Code: Remedial Action
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Remedial Action
NARR Comments: (7/8/92 MJM/VCS) Based on the previous work done at the facility and the data collected during the Phase IV site characterization sampling, DEQ has determined that, with the exception of shipping drummed waste generated during the cleaning of an interior trench and sump for disposal, no further action is required under ORS 465.200 (and it is DEQ's understanding that the waste will be shipped to a permitted disposal facility within 30 days).

NARR ID: 5731270
NARR Code: Substances of Concern
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Substances of Concern
NARR Comments: TCE, TCA, 1,1-DCA, PCE, petroleum hydrocarbons.

Administrative Action:
Action ID: 9503
Region: Headquarters
Complete Date: 02/05/1991
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002

THROWAWAY BIT CORP. (Continued) **S103842084**

Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Remedial Action
Action Code Flag: False
Action: Remedial Investigation/Feasibility Study recommended
Further Action: Not reported
Comments: Not reported

Action ID: 9474
Region: Northwestern Region
Complete Date: 07/07/1992
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Listing Action
Action Code Flag: False
Action: Delisting from Confirmed Release List recommended
Further Action: Not reported
Comments: Not reported

Action ID: 9475
Region: Northwestern Region
Complete Date: 07/07/1992
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Listing Action
Action Code Flag: False
Action: Delisting from Inventory recommended
Further Action: Not reported
Comments: Not reported

Action ID: 9424
Region: Headquarters
Complete Date: Not reported
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Administrative Action
Action Code Flag: False
Action: Site added to database
Further Action: Not reported
Comments: Not reported

Action ID: 9425
Region: Headquarters
Complete Date: 10/11/1990
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality

THROWAWAY BIT CORP. (Continued) **S103842084**

Decode for RegionID: Headquarters
Category: Remedial Action
Action Code Flag: False
Action: SITE EVALUATION
Further Action: Not reported
Comments: Not reported

Action ID: 9496
Region: Headquarters
Complete Date: 10/11/1990
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Remedial Action
Action Code Flag: False
Action: State Basic Preliminary Assessment recommended (PA)
Further Action: Not reported
Comments: Not reported

Action ID: 9520
Region: Headquarters
Complete Date: 01/18/1991
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Remedial Action
Action Code Flag: False
Action: EXPANDED PRELIMINARY ASSESSMENT
Further Action: Not reported
Comments: Not reported

Action ID: 9465
Region: Headquarters
Complete Date: 06/27/1991
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Listing Action
Action Code Flag: False
Action: Facility proposed for Confirmed Release List
Further Action: Not reported
Comments: Not reported

Action ID: 9448
Region: Northwestern Region
Complete Date: 11/12/1991
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region

THROWAWAY BIT CORP. (Continued) **S103842084**

Category: Listing Action
Action Code Flag: False
Action: Review for final listing
Further Action: Not reported
Comments: Not reported

Action ID: 9413
Region: Not reported
Complete Date: 09/30/1992
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Remedial Action
Action Code Flag: False
Action: Closeout activities on completed project
Further Action: Not reported
Comments: Not reported

Action ID: 9511
Region: Northwestern Region
Complete Date: 07/10/1992
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: SITE INVESTIGATION
Further Action: Not reported
Comments: Not reported

Action ID: 9456
Region: Headquarters
Complete Date: 01/18/1991
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Remedial Action
Action Code Flag: False
Action: BASIC PRELIMINARY ASSESSEMENT
Further Action: Not reported
Comments: Not reported

Action ID: 9437
Region: Headquarters
Complete Date: 02/04/1991
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Listing Action

THROWAWAY BIT CORP. (Continued) **S103842084**

Action Code Flag: False
Action: Listing Review completed
Further Action: Not reported
Comments: Not reported

Action ID: 9498
Region: Headquarters
Complete Date: 02/04/1991
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Listing Action
Action Code Flag: False
Action: Proposal for Confirmed Release List recommended
Further Action: Not reported
Comments: Not reported

Action ID: 9499
Region: Headquarters
Complete Date: 02/04/1991
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Listing Action
Action Code Flag: False
Action: Proposal for Inventory recommended
Further Action: Not reported
Comments: Not reported

Action ID: 9488
Region: Northwestern Region
Complete Date: 11/12/1991
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Listing Action
Action Code Flag: False
Action: Listing on Confirmed Release List recommended
Further Action: Not reported
Comments: Not reported

Action ID: 9489
Region: Northwestern Region
Complete Date: 11/12/1991
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Listing Action
Action Code Flag: False

THROWAWAY BIT CORP. (Continued) **S103842084**

Action: Listing on Inventory recommended
Further Action: Not reported
Comments: Not reported

Action ID: 9438
Region: Headquarters
Complete Date: 11/20/1991
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Listing Action
Action Code Flag: False
Action: Facility placed on Confirmed Release List
Further Action: Not reported
Comments: Not reported

Action ID: 9439
Region: Headquarters
Complete Date: 11/20/1991
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Listing Action
Action Code Flag: False
Action: Facility placed on Inventory
Further Action: Not reported
Comments: Not reported

Action ID: 9443
Region: Northwestern Region
Complete Date: 07/08/1992
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: NO FURTHER STATE ACTION REQUIRED
Further Action: Not reported
Comments: Not reported

Action ID: 9442
Region: Northwestern Region
Complete Date: 11/01/1991
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: NEGOTIATIONS

THROWAWAY BIT CORP. (Continued) **S103842084**

Further Action: Not reported
Comments: Not reported

Action ID: 9417
Region: Headquarters
Complete Date: 07/11/1992
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Listing Action
Action Code Flag: False
Action: Facility delisted from Confirmed Release List
Further Action: Not reported
Comments: Not reported

Action ID: 9418
Region: Headquarters
Complete Date: 07/11/1992
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Listing Action
Action Code Flag: False
Action: Facility delisted from Inventory List
Further Action: Not reported
Comments: Not reported

Action ID: 9467
Region: Headquarters
Complete Date: 06/27/1991
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Listing Action
Action Code Flag: False
Action: Facility proposed for Inventory
Further Action: Not reported
Comments: Not reported

Operations:
Operation Id: 132379
Operation Status: Active
Common Name: Throwaway Bit Corp.
Yrs of Operation: 30 years
Comments: Currently used as a warehouse; formerly a drill bit manufacturing facility.
Updated Date: 03/16/1995
Updated By: jxh
Decode for OpstatID: Active

VCS:

THROWAWAY BIT CORP. (Continued) **S103842084**

ECS Site ID:	1068
Facility Size:	0.23 acres
Action:	NO FURTHER STATE ACTION REQUIRED
Start Date:	07/08/1992
End Date:	07/08/1992
Facility Status:	Completed
Program:	VCS
Latitude:	45.5248
Longitude:	-122.659

DI401 **BYRUM MOREHOUSE BUILDING** **OR ECSI** **S121802071**
SW **1805 SE MARTIN LUTHER KING JR.** **OR VCP** **N/A**
1/2-1 **PORTLAND, OR 97214**
0.604 mi.
3189 ft. **Site 1 of 2 in cluster DI**

Relative:
Higher

Actual:
70 ft.

ECSI:

State ID Number:	6261
Brown ID:	0
Study Area:	False
Region ID:	2
Legislatve ID:	0
Investigation:	Suspect
FACA ID:	149594
Further Action:	258
Lat/Long (dms):	45 30 35.60 / -122 39 44.60
County Code:	26.00
Score Value:	Not reported
Cerclis ID:	Not reported
Township Coord.:	1.00
Township Zone:	S
Range Coord:	1.00
Range Zone:	E
Section Coord:	3
Qtr Section:	Not reported
Tax Lots:	Not reported
Size:	0.83 acres
NPL:	False
Orphan:	False
Updated By:	JSCHATZ
Update Date:	06/08/2018
Created Date:	03/07/2018
Decode For RegionID:	Northwest Region
Decode For BrownID:	Not reported
Decode For Furtheract:	Medium
Decode For Investstat:	Suspect
Decode For Legislative:	Not reported

Narrative:

NARR ID:	5757279
NARR Code:	Contamination
Created By:	JSCHATZ
Created Date:	10/31/2018
Updated By:	JSCHATZ
Updated Date:	10/31/2018
Decode for NarcdID:	Contamination
NARR Comments:	Phase I ESA performed in February 2018 revealed an REC associated with the adjacent East Side Plating Plant 4 facility to the south.

BYRUM MOREHOUSE BUILDING (Continued) **S121802071**

East Side Plating performs electroplating operations and produces wastes including corrosives, metals and spent cyanide. Numerous hazardous waste violations noted between 1984 and 2014 at East Side Plating. In the early 1980s, the City had to replace a concrete sewer that failed due to corrosive wastes. The southern portion of the site property was occupied by a brass foundry from the mid-1920s to the late 1950s. A limited Phase II ESA in November 2017 revealed arsenic in soil above RBCs. Two of four soil samples also contained arsenic above regional background. Two of three soil gas samples contained TCE at concentrations above the occupational RBC for inhalatioon in soil gas. SG1 detected TCE at 5400 ug/m3 and SG2 detected TCE at 9600 ug/m3. PCE was also detected in soil gas, although not at levels above occupational RBCs. In December 2017, additional soil gas samples were collected (SG-4 through SG-8). TCE and PCE were detected in soil gas but not at concentrations exceeding RBCs. In April 2018, additional soil gas data were collected from two sumps installed for purposes of performing pilot testing and also from four permanent vapor monitoring points (VP-1 through VP-4). TCE was detected in Sump 2 at a concentration of 4500 ug/m3. In June 2018 TCE was detected in VP-4 and VP-6 at concentrations of 13,000 ug/m3 and 6500 ug/m3, respectively. Based on these findings, DEQ requested additional soil gas sampling north of VP-4. DEQ also recommended expansion of the proposed SSDS system footprint on the east side of the building toward the north. In September 2018 additional permanent soil gas sampling points VP-5 through VP-7 were installed. TCE was detected in VP-6 (6500 ug/m3) above the occupational worker RBC. The sample from VP-7 detected TCE at a level (2500 ug/m3) near the occupational worker RBC. (JKS 10-31-18).

NARR ID: 5757071
NARR Code: Site Ownership
Created By: GGAMOLO
Created Date: 03/07/2018
Updated By: GGAMOLO
Updated Date: 03/07/2018
Decode for NarcdID: Site Ownership
NARR Comments: Current owner is PJM BLDG II LLC

NARR ID: 5757280
NARR Code: 1922
Created By: JSCHATZ
Created Date: 10/31/2018
Updated By: JSCHATZ
Updated Date: 10/31/2018
Decode for NarcdID: Current Site Summary Statement
NARR Comments: Phase I ESA performed in February 2018 revealed an REC associated with the adjacent East Side Plating Plant 4 facility to the south.
East Side Plating performs electroplating operations and produces wastes including corrosives, metals and spent cyanide. Numerous hazardous waste violations noted between 1984 and 2014 at East Side Plating. In the early 1980s, the City had to replace a concrete sewer that failed due to corrosive wastes. The southern portion of the site property was occupied by a brass foundry from the mid-1920s to the late 1950s. A limited Phase II ESA in November 2017 revealed arsenic in soil above RBCs. Two of four soil samples also contained arsenic above regional background. Two of three soil gas samples contained TCE at concentrations above the occupational RBC for inhalatioon in

BYRUM MOREHOUSE BUILDING (Continued) **S121802071**

soil gas. SG1 detected TCE at 5400 ug/m3 and SG2 detected TCE at 9600 ug/m3. PCE was also detected in soil gas, although not at levels above occupational RBCs. In December 2017, additional soil gas samples were collected (SG-4 through SG-8). TCE and PCE were detected in soil gas but not at concentrations exceeding RBCs. In April 2018, additional soil gas data were collected from two sumps installed for purposes of performing pilot testing and also from four permanent vapor monitoring points (VP-1 through VP-4). TCE was detected in Sump 2 at a concentration of 4500 ug/m3. Pilot test was performed April 10-11, 2018. In May 2018, Farallon Consulting subitted a Focused RAP proposing a vapor mitigation engineering control that included sealing of the floor and points of penetration through the slab. In addition, the FRAP proposed installation of a sub-slab depressurization system consisting of horizontal 4-inch SSDS wells and conveyance piping connected to a blower. In June 2018 TCE was detected in permanent soil vapor monitoring points VP-4 and VP-6 at concentrations of 13,000 ug/m3 and 6500 ug/m3, respectively. Based on these findingsa and based on review of the FRP, DEQ requested additional soil gas sampling north of VP-4. DEQ also recommended expansion of the proposed SSDS system footprint on the east side of the building toward the north. In September 2018 additional permanent soil gas sampling points VP-5 through VP-7 were installed. TCE was detected in VP-6 (6500 ug/m3) above the occupational worker RBC. The sample from VP-7 detected TCE at a level (2500 ug/m3) near the occupational worker RBC. In October Farallon consulting revised the Focused RAP to incorporate the results of additional soil gas testing. In addition, the FRAP proposed expansion of the SSDS footprint on the eastern side of the building to approximately 20 feet beyond the location of VP-7. DEQ approved the revised FRAP and expanded system footprint in October 2018. DEQ awaits notification of the construction schedule. (JKS 10-31-18).

Administrative Action:

Action ID:	9424
Region:	Not reported
Complete Date:	03/07/2018
Rank Value:	Not reported
Cleanup Flag:	False
Created Date:	03/07/2018
Decode for AgencyID:	Department of Environmental Quality
Decode for RegionID:	Not reported
Category:	Administrative Action
Action Code Flag:	False
Action:	Site added to database
Further Action:	Not reported
Comments:	Not reported

Action ID:	9511
Region:	Northwestern Region
Complete Date:	Not reported
Rank Value:	Not reported
Cleanup Flag:	False
Created Date:	03/07/2018
Decode for AgencyID:	Department of Environmental Quality
Decode for RegionID:	Northwest Region
Category:	Remedial Action
Action Code Flag:	False
Action:	SITE INVESTIGATION

BYRUM MOREHOUSE BUILDING (Continued) **S121802071**

Further Action: 0
Comments: Not reported

Action ID: 9464
Region: Northwestern Region
Complete Date: Not reported
Rank Value: Not reported
Cleanup Flag: False
Created Date: 03/29/2018
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Prospective Purchaser Agreement
Further Action: Medium
Comments: Not reported

Action ID: 9473
Region: Northwestern Region
Complete Date: Not reported
Rank Value: Not reported
Cleanup Flag: False
Created Date: 10/31/2018
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: REMEDIAL DESIGN
Further Action: 0
Comments: Not reported

VCS:
ECS Site ID: 6261
Facility Size: 0.83 acres
Action: REMEDIAL DESIGN
Start Date: 05/16/2018
End Date: Not reported
Facility Status: Active
Program: VCP
Latitude: 45.5099
Longitude: -122.6624

402
WSW
1/2-1
0.621 mi.
3277 ft.

PORTLAND GENERAL ELECTRIC HAWT
1510 SE WATER AVE
PORTLAND, OR 97214

RCRA-CESQG **1004770275**
OR ECSI **ORD981763923**
OR VCP
OR BROWNFIELDS
OR MANIFEST

Relative:
Lower

Actual:
40 ft.

RCRA-CESQG:
Date form received by agency: 12/31/2007
Facility name: PORTLAND GENERAL ELECTRIC HAWT
Facility address: 1510 SE WATER AVE
PORTLAND, OR 97214
EPA ID: ORD981763923
Mailing address: 121 SW SALMON ST, MS 3WTCBR05
PORTLAND, OR 97204
Contact: LAVONNE ODEM

PORTLAND GENERAL ELECTRIC HAWT (Continued) **1004770275**

Contact address: 1510 SE WATER AVE
PORTLAND, OR 97214
Contact country: US
Contact telephone: 503-425-1630
Contact email: Not reported
EPA Region: 10
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:
Owner/operator name: PORTLAND GENERAL ELECTRIC
Owner/operator address: 121 SW SALMON ST, MS 3WTCBR05
PORTLAND, OR 97204
Owner/operator country: US
Owner/operator telephone: 503-464-8141
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 12/31/2007
Owner/Op end date: Not reported

Owner/operator name: PORTLAND GENERAL ELECTRIC
Owner/operator address: 121 SW SALMON ST, MS 3WTCBR05
PORTLAND, OR 97204
Owner/operator country: US
Owner/operator telephone: 503-464-8141
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 12/31/2007
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No

PORTLAND GENERAL ELECTRIC HAWT (Continued) **1004770275**

On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 12/31/2003
Site name: PORTLAND GENERAL ELECTRIC CO CORPORATE S
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 02/28/2003
Site name: PORTLAND GENERAL ELECTRIC CO CORPORATE S
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 02/26/2002
Site name: PORTLAND GENERAL ELECTRIC CO CORPORATE S
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 03/05/2001
Site name: PORTLAND GENERAL ELECTRIC CO CORPORATE S
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 03/14/2000
Site name: PORTLAND GENERAL ELECTRIC CO CORPORATE S
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 03/08/1999
Site name: PORTLAND GENERAL ELECTRIC CO CORPORATE S
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 02/24/1998
Site name: PORTLAND GENERAL ELECTRIC CO CORPORATE S
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 02/28/1997
Site name: PORTLAND GENERAL ELECTRIC CO CORPORATE S
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 02/28/1996
Site name: PORTLAND GENERAL ELECTRIC CO CORPORATE S
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 02/27/1995
Site name: PORTLAND GENERAL ELECTRIC CO CORPORATE S
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 03/01/1994
Site name: PORTLAND GENERAL ELECTRIC CO MAINT
Classification: Large Quantity Generator

Date form received by agency: 03/01/1994
Site name: PORTLAND GENERAL ELECTRIC CO CORPORATE S

PORTLAND GENERAL ELECTRIC HAWT (Continued) **1004770275**

Classification: Large Quantity Generator

Date form received by agency: 02/26/1993
Site name: PORTLAND GENERAL ELECTRIC CO CORPORATE S
Classification: Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D005
. Waste name: BARIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D018
. Waste name: BENZENE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

Date form received by agency: 03/02/1992
Site name: PORTLAND GENERAL ELECTRIC CO CORPORATE S
Classification: Small Quantity Generator

Violation Status: No violations found

ECSI:
State ID Number: 5779
Brown ID: Brownfield Site - DEQ Tech Assistance
Study Area: False
Region ID: 2
Legislatve ID: 0
Investigation: No Further Action
FACA ID: 126376
Further Action: 0
Lat/Long (dms): 45 30 43.60 / -122 39 55.40
County Code: 26.00
Score Value: Not reported
Cerclis ID: Not reported
Township Coord.: 1.00
Township Zone: S
Range Coord: 1.00
Range Zone: E
Section Coord: 3
Qtr Section: Not reported

PORTLAND GENERAL ELECTRIC HAWT (Continued) **1004770275**

Tax Lots: Not reported
Size: 0.9 acre
NPL: False
Orphan: False
Updated By: TGAINER
Update Date: 02/19/2015
Created Date: 01/15/2013
Decode For RegionID: Northwest Region
Decode For BrownID: Brownfield Site - DEQ Technical Assistance
Decode For Furtheract: Not reported
Decode For Investstat: No Further Action
Decode For Legislative: Not reported
Alias Name: Portland General Electric
Alias Name: Hawthorne Depot, LLC

Hazardous Release:
Substance ID.: 121059
Haz Release ID: 388113
Qty Released: Unk.
Date Released: Unk.
Update Date: 01/15/2013
Update By: GWISTAR
Substance Code: 1336-36-3
Substance Name: PCBs
Substance Abbrev.: Not reported
Substance Category ID: 8558
Substance Category: PCB Substances for the OSPIRG Report
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8558
Substance Category: PCB Substances for the OSPIRG Report
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 317029
Sub Alias Name: BIPHENYL,POLYCHLORO-
Substance Alias ID: 317030
Sub Alias Name: CHLORINATED BIPHENYL
Substance Alias ID: 317031
Sub Alias Name: CHLOROBIPHENYL
Substance Alias ID: 317032
Sub Alias Name: POLYCHLORINATED BIPHENYLs
Substance Alias ID: 317033
Sub Alias Name: POLYCHLOROBIPHENYL

Narrative:
NARR ID: 5754480
NARR Code: Contamination
Created By: GWISTAR
Created Date: 01/15/2013
Updated By: TGAINER
Updated Date: 02/12/2015
Decode for NarcdID: Contamination
NARR Comments: (2/12/15 TG/VCP) Historical operation of the facility resulted in contamination, primarily soil beneath the parking areas, elevator shaft, and basement floor and sumps, solids in on-site stormwater catch basins and off-site City stormwater conveyance pipes, and

PORTLAND GENERAL ELECTRIC HAWT (Continued) **1004770275**

sediment in the Willamette River at the point of stormwater discharge. Significant groundwater contamination was not observed. Primary contaminants of concern include PCBs, metals and petroleum hydrocarbons.

NARR ID: 5755558
NARR Code: Data Sources
Created By: TGAINER
Created Date: 02/12/2015
Updated By: TGAINER
Updated Date: 02/12/2015
Decode for NarcdID: Data Sources
NARR Comments: Preliminary Assessment, Outfall 33 Drainage Area, URS, May 7, 2010. Hawthorne Building Upland Assessment, URS, September 8, 2010. Stormwater Assessment Work Plan, Hawthorne Building, URS, November, 2012. Hawthorne Building Concrete Core and Wipe Sampling Technical Memo, URS, September, 2012. Remedial Action Alternatives Letter Report, Hawthorne Building, URS, December, 2012. Final Interim Remedial Acton Work Plan, Hawthorne Building, URS, June 28, 2013. Analytical Results for Stormwater Assessment Sampling Event at the Hawthorne Building, Technical Memorandum, URS, June 17, 2013. Interim Remedial Action Report, Hawthorne Building, URS, October 9, 2014.

NARR ID: 5755564
NARR Code: General Site Description
Created By: TGAINER
Created Date: 02/17/2015
Updated By: TGAINER
Updated Date: 02/17/2015
Decode for NarcdID: General Site Description
NARR Comments: The Site is located on approximately 0.9 acres of urban industrial land approximately 600 feet east of the Willamette River at 1510 SE Water Avenue, Portland, Multnomah County, Oregon. The Site is occupied by a 19,400 square foot, two story warehouse/office structure with a full basement. PGE vacated the Site in 2012 and initiated cleanup activities in September 2013 on behalf of Killian Pacific, as part of their Prospective Purchaser Agreement with DEQ . Following cleanup activities and adequate confirmation sampling, the building was renovated as office space.

NARR ID: 5755566
NARR Code: Hazardous Substance/Waste Types
Created By: TGAINER
Created Date: 02/17/2015
Updated By: TGAINER
Updated Date: 02/17/2015
Decode for NarcdID: Hazardous Substance/Waste Types
NARR Comments: Primary contaminants of concern include PCBs, metals and petroleum hydrocarbons. Historical operation of the facility resulted in contamination, primarily soil beneath the parking areas, elevator shaft, and basement floor and sumps, solids in on-site stormwater catch basins and off-site City stormwater conveyance pipes, and sediment in the Willamette River at the point of stormwater discharge. Not reported

NARR ID: 5755565
NARR Code: Pathways Other Hazards

PORTLAND GENERAL ELECTRIC HAWT (Continued) **1004770275**

Created By: TGAINER
Created Date: 02/17/2015
Updated By: TGAINER
Updated Date: 02/17/2015
Decode for NarcdID: Pathways & Other Hazards
NARR Comments: Potential receptors on-site are construction and occupational workers. Potential off-site exposures to receptors in the Willamette River may occur as a result of contaminant discharge to the Willamette River through the stormwater system. Significant groundwater contamination was not observed, and potential preferential groundwater pathways to subsurface utilities and associated backfill is incomplete because the subsurface utilities are located above the depth at which groundwater is encountered.

NARR ID: 5754481
NARR Code: Remedial Action
Created By: GWISTAR
Created Date: 01/15/2013
Updated By: TGAINER
Updated Date: 02/17/2015
Decode for NarcdID: Remedial Action
NARR Comments: (1/14/13 TG/VCP) PGE has entered the Voluntary Cleanup Program to perform removal assessment and implementation regarding on-site PCB contamination. (2/12/15 TG/VCP) Remedial actions at the Site included removal of contaminated components of the Site, including: basement sumps, soil, two underground storage tanks, and stormwater solids in the conveyance system.

NARR ID: 5755559
NARR Code: Residual Risk Assessment
Created By: TGAINER
Created Date: 02/12/2015
Updated By: TGAINER
Updated Date: 02/12/2015
Decode for NarcdID: Residual Risk Assessment
NARR Comments: Post-remedial action confirmation samples showed contaminant concentrations were below applicable health-based screening levels. One exception was at the extent of the elevator shaft excavation where a small pocket of diesel-range petroleum-contaminated soil was left in place at 20 feet below ground surface. Future exposure to construction workers is unlikely at this depth, and an oxidant (RegenOx) was applied to treat the soil prior to backfilling. Groundwater impacts were not observed.

NARR ID: 5755500
NARR Code: Site History
Created By: GWISTAR
Created Date: 12/31/2014
Updated By: TGAINER
Updated Date: 02/12/2015
Decode for NarcdID: Site History
NARR Comments: The property had belonged to PGE or a predecessor company since 1905. The two-story building was originally constructed in 1911 by PGE predecessor companies for use as a railway depot and parking garage. Since 1935, various PGE departments occupied the building for storage and maintenance uses. Between 1935 and 2000, PGE operations in the basement included: bushing repair; automotive repair; a metal shop; a

PORTLAND GENERAL ELECTRIC HAWT (Continued) **1004770275**

paint booth; cleaning, repair and maintenance of electrical equipment (e.g., transformers); and the storage of associated supplies and wastes. Transformer repair ceased in the mid-1980s, and transformer storage ceased in January 2011. Since 2000, PGE operations at the Property have been primarily limited to routine maintenance of on-site systems. PGE vacated the Property in 2012 leaving only office equipment and miscellaneous supplies on site until the start of remedial activities in September 2013.

Administrative Action:
Action ID: 9424
Region: Not reported
Complete Date: 01/15/2013
Rank Value: Not reported
Cleanup Flag: False
Created Date: 01/15/2013
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Administrative Action
Action Code Flag: False
Action: Site added to database
Further Action: Not reported
Comments: Not reported

Action ID: 9492
Region: Northwestern Region
Complete Date: Not reported
Rank Value: Not reported
Cleanup Flag: False
Created Date: 01/15/2013
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: REMOVAL ASSESSMENT
Further Action: 0
Comments: Not reported

Action ID: 9440
Region: Northwestern Region
Complete Date: 03/19/2013
Rank Value: Not reported
Cleanup Flag: False
Created Date: 03/25/2013
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Letter Agreement
Further Action: 0
Comments: Not reported

Action ID: 9464
Region: Northwestern Region
Complete Date: 08/14/2013
Rank Value: Not reported
Cleanup Flag: False
Created Date: 06/12/2013

PORTLAND GENERAL ELECTRIC HAWT (Continued) **1004770275**

Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Prospective Purchaser Agreement
Further Action: 0
Comments: Not reported

Action ID: 9491
Region: Northwestern Region
Complete Date: 10/09/2014
Rank Value: Not reported
Cleanup Flag: False
Created Date: 02/12/2015
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: REMOVAL
Further Action: High-Medium
Comments: Not reported

Action ID: 9443
Region: Northwestern Region
Complete Date: 02/19/2015
Rank Value: Not reported
Cleanup Flag: False
Created Date: 02/12/2015
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: NO FURTHER STATE ACTION REQUIRED
Further Action: 0
Comments: Not reported

Action ID: 9414
Region: Northwestern Region
Complete Date: 04/09/2015
Rank Value: Not reported
Cleanup Flag: False
Created Date: 04/09/2015
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Certification of Completion
Further Action: 0
Comments: Not reported

VCS:
ECS Site ID: 5779
Facility Size: 0.9 acre
Action: NO FURTHER STATE ACTION REQUIRED
Start Date: 02/12/2015
End Date: 02/19/2015
Facility Status: Completed

PORTLAND GENERAL ELECTRIC HAWT (Continued) **1004770275**

Program: VCP
Latitude: 45.5121
Longitude: -122.6654

OR BROWNFIELDS:
Geolocation Id: 126376
Status: NO FURTHER STATE ACTION REQUIRED
Lat/Long: 45.5121 / -122.665

OR MANIFEST:
Manifest Year: Manifest Year - 2007
EPA Id: ORD981763923
Inactive Status: Not reported
Organization Name: Not reported
Contact Name: Brandy Horn
Contact Telephone Number: (503) 464-8970
Mailing Address: 121 SW Salmon St, MS 3WTCBR05
Mailing City/State/Zip: Portland, OR 97204

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403 **NEW SYSTEM LAUNDRY** **OR ECSI** **1006865286**
North **432 NE 10TH AVE** **FINDS** **N/A**
1/2-1 **PORTLAND, OR 97232**
0.627 mi.
3312 ft.

Relative:
Higher

Actual:
115 ft.

ECSI:
State ID Number: 3793
Brown ID: 0
Study Area: False
Region ID: 2
Legislatve ID: 831
Investigation: Suspect
FACA ID: 48179
Further Action: 258
Lat/Long (dms): 45 31 34.30 / -122 39 18.00
County Code: 26.00
Score Value: Not reported
Cerclis ID: Not reported
Township Coord.: 1.00
Township Zone: N
Range Coord: 1.00
Range Zone: E
Section Coord: 33
Qtr Section: Not reported
Tax Lots: 700, 800
Size: Not reported
NPL: False
Orphan: False
Updated By: GWISTAR
Update Date: 11/24/2014
Created Date: 01/30/2003
Decode For RegionID: Northwest Region
Decode For BrownID: Not reported
Decode For Furtheract: Medium

NEW SYSTEM LAUNDRY (Continued) **1006865286**

Decode For Investstat: Suspect
Decode For Legislative: Owner, operator or other party under agreement, order or consent decree under ORS 465.200 or 465.420

Hazardous Release:
Substance ID.: 121011
Haz Release ID: 385839
Qty Released: unknown
Date Released: unknown
Update Date: 01/30/2003
Update By: JWAGGY
Substance Code: 127-18-4
Substance Name: TETRACHLOROETHYLENE
Substance Abbrev.: Not reported
Substance Category ID: 8519
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8551
Substance Category: Solvents of interest to Milwaukie Area GW study
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8519
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8551
Substance Category: Solvents of interest to Milwaukie Area GW study
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 316912
Sub Alias Name: ETHENE,TETRACHLORO-
Substance Alias ID: 316913
Sub Alias Name: ETHYLENE TETRACHLORIDE
Substance Alias ID: 316914
Sub Alias Name: PERCHLOROETHYLENE
Substance Alias ID: 316915
Sub Alias Name: PERCLENE
Substance Alias ID: 316916
Sub Alias Name: TETRACHLOROETHENE
Substance Alias ID: 316917
Sub Alias Name: TETRACHLOROETHENE,1,1,2,2-
Substance Alias ID: 316918
Sub Alias Name: TETRACHLOROETHYLENE,1,1,2,2-
Comment ID: 304751
Release Code: General Comments
Release Comments: Depth to groundwater greater than 65 feet below ground surface.
Decode for Relcomcd: General Comments
Comment ID: 304752
Release Code: Media Contamination Footnote
Release Comments: Soil
Decode for Relcomcd: Media Contamination Footnote
Comment ID: 304753
Release Code: Release Containment

NEW SYSTEM LAUNDRY (Continued) **1006865286**

Release Comments: Spills
Decode for Relcomcd: Release Containment
Comment ID: 304754
Release Code: Data Sources
Release Comments: Consultant reports
Decode for Relcomcd: Data Sources
Sampling Result ID: 347123
Feature Id: 0
Hazard Release Id: 385839
Medium: 703
Substance Abbrev.: 0
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: 16 feet
Start Date: 01/20/2003
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: 4,630 mg/kg
Last Update By: JWAGGY
Update Date: 08/18/2003
Decode for MediumID: Soil

Narrative:
NARR ID: 5742963
NARR Code: Contamination
Created By: JWAGGY
Created Date: 01/30/2003
Updated By: JWAGGY
Updated Date: 01/30/2003
Decode for NarcdID: Contamination
NARR Comments: PCE detected in vadose soils up to 4,630 mg/kg.

NARR ID: 5742967
NARR Code: Data Sources
Created By: JWAGGY
Created Date: 01/30/2003
Updated By: JWAGGY
Updated Date: 01/30/2003
Decode for NarcdID: Data Sources
NARR Comments: PBS Consultants

NARR ID: 5742961
NARR Code: Hazardous Substance/Waste Types
Created By: JWAGGY
Created Date: 01/30/2003
Updated By: GWISTAR
Updated Date: 08/25/2003
Decode for NarcdID: Hazardous Substance/Waste Types
NARR Comments: Perchloroethylene (PCE).

NARR ID: 5744025
NARR Code: Site Location
Created By: JWAGGY
Created Date: 08/18/2003
Updated By: JWAGGY

NEW SYSTEM LAUNDRY (Continued) **1006865286**

Updated Date: 08/18/2003
Decode for NarcdID: Site Location
NARR Comments: One block of NE Portland bounded by NE Flanders Street, NE Glisan Street, NE 10th Avenue and NE 11th Avenue.

NARR ID: 5742962
NARR Code: Manner of Release
Created By: JWAGGY
Created Date: 01/30/2003
Updated By: JWAGGY
Updated Date: 08/18/2003
Decode for NarcdID: Manner of Release
NARR Comments: Periodic spills of dry cleaning solvent migrated to underlying soils through cracks or joints in the concrete floor.

NARR ID: 5743501
NARR Code: Media Contamination
Created By: JWAGGY
Created Date: 05/08/2003
Updated By: JWAGGY
Updated Date: 05/08/2003
Decode for NarcdID: Media Contamination
NARR Comments: soil

NARR ID: 5742966
NARR Code: Remedial Action
Created By: JWAGGY
Created Date: 01/30/2003
Updated By: JWAGGY
Updated Date: 10/24/2003
Decode for NarcdID: Remedial Action
NARR Comments: (1/20/03 AC/ICP) A vapor-extraction system has been running for two years prior to DEQ involvement. Site has entered ICP for DEQ review. (5/7/03 AC/ICP) No Further Action (NFA) denied in April 2003. DEQ ICP requested work plan for additional investigation. (8/12/03 AC/SRP) Additional work completed and report submitted for review July 15, 2003. (10/3/03 AC/ICP) Final report reviewed August 2003. No Further Action (NFA) issued (for dry cleaning operations) October 6, 2003.

NARR ID: 5742965
NARR Code: Health Threats
Created By: JWAGGY
Created Date: 01/30/2003
Updated By: JWAGGY
Updated Date: 08/18/2003
Decode for NarcdID: Health Threats
NARR Comments: Volatilization to indoor air.

NARR ID: 5744026
NARR Code: Site History
Created By: JWAGGY
Created Date: 08/18/2003
Updated By: GWISTAR
Updated Date: 08/25/2003
Decode for NarcdID: Site History
NARR Comments: Petroleum-based solvents used from 1930-1942. Perchloroethylene was used from 1972-1988.

NEW SYSTEM LAUNDRY (Continued) **1006865286**

Administrative Action:
Action ID: 9506
Region: Northwestern Region
Complete Date: 10/08/2003
Rank Value: Not reported
Cleanup Flag: False
Created Date: 11/24/2014
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Site Investigation recommended (SI)
Further Action: Medium
Comments: Not reported

Action ID: 9424
Region: Not reported
Complete Date: 01/30/2003
Rank Value: Not reported
Cleanup Flag: False
Created Date: 01/30/2003
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Administrative Action
Action Code Flag: False
Action: Site added to database
Further Action: Not reported
Comments: Not reported

Action ID: 9435
Region: Northwestern Region
Complete Date: 04/07/2003
Rank Value: Not reported
Cleanup Flag: False
Created Date: 01/30/2003
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Independent Cleanup Program
Further Action: 0
Comments: Not reported

Action ID: 9479
Region: Northwestern Region
Complete Date: 04/07/2003
Rank Value: Not reported
Cleanup Flag: False
Created Date: 05/08/2003
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Further Investigation of Area Facilities recommended
Further Action: 0
Comments: Not reported

NEW SYSTEM LAUNDRY (Continued) **1006865286**

Action ID: 9511
Region: Northwestern Region
Complete Date: 10/06/2003
Rank Value: Not reported
Cleanup Flag: False
Created Date: 10/24/2003
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: SITE INVESTIGATION
Further Action: 0
Comments: Not reported

Action ID: 9463
Region: Northwestern Region
Complete Date: 10/06/2003
Rank Value: Not reported
Cleanup Flag: False
Created Date: 10/24/2003
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Partial No Further Action
Further Action: 0
Comments: Not reported

Operations:
Operation Id: 134668
Operation Status: Inactive
Common Name: New System Laundry
Yrs of Operation: 1930-1942; 1972-1988
Comments: Former dry cleaner
Updated Date: 08/18/2003
Updated By: JWAGGY
Decode for OpstatID: Inactive

FINDS:

Registry ID: 110014281758

Environmental Interest/Information System
OR-DEQ (Oregon - Department Of Environmental Quality) is a regulatory agency whose job is to protect the quality of Oregon's Environment. DEQ uses a combination of technical assistance, inspections and permitting to help public and private facilities and citizens understand and comply with state and federal environmental regulations.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

DI404 **EAST SIDE PLATING WORKS** **SEMS-ARCHIVE** **1000393917**
SW **310 SE STEPHENS** **RCRA-LQG** **ORD009049107**
1/2-1 **PORTLAND, OR 97214** **OR ECSI**
0.634 mi. **OR LUST**
3346 ft. **Site 2 of 2 in cluster DI** **OR UST**
OR HAZMAT
Relative: **OR HSIS**
Lower **OR MANIFEST**

Actual:
66 ft.

SEMS Archive:

Site ID:	1000369
EPA ID:	ORD009049107
Cong District:	03
FIPS Code:	41051
FF:	N
NPL:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information
Latitude:	45.509722
Longitude:	-122.661389

SEMS Archive Detail:

Region:	10
Site ID:	1000369
EPA ID:	ORD009049107
Site Name:	EAST SIDE PLATING WORKS
NPL:	N
FF:	N
OU:	00
Action Code:	VS
Action Name:	ARCH SITE
SEQ:	1
Start Date:	Not reported
Finish Date:	1984-09-17 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf In-Hse

Region:	10
Site ID:	1000369
EPA ID:	ORD009049107
Site Name:	EAST SIDE PLATING WORKS
NPL:	N
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1983-01-01 05:00:00
Finish Date:	1983-01-01 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	10
Site ID:	1000369
EPA ID:	ORD009049107
Site Name:	EAST SIDE PLATING WORKS
NPL:	N
FF:	N
OU:	00
Action Code:	SI
Action Name:	SI

EAST SIDE PLATING WORKS (Continued) **1000393917**

SEQ: 1
Start Date: 1984-08-30 05:00:00
Finish Date: 1984-09-17 05:00:00
Qual: N
Current Action Lead: St Perf

Region: 10
Site ID: 1000369
EPA ID: ORD009049107
Site Name: EAST SIDE PLATING WORKS
NPL: N
FF: N
OU: 00
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: 1984-08-30 05:00:00
Finish Date: 1984-09-17 05:00:00
Qual: H
Current Action Lead: St Perf

RCRA-LQG:
Date form received by agency: 12/31/2016
Facility name: EAST SIDE PLATING, INC., PLANT 4
Facility address: 310 SE STEPHENS ST
PORTLAND, OR 97214
EPA ID: ORD009049107
Mailing address: 8400 SE 26TH PLACE
PORTLAND, OR 97202-8946
Contact: SCOTT HENRIKSEN
Contact address: 8400 SE 26TH PLACE
PORTLAND, OR 97202-8946
Contact country: US
Contact telephone: 503-654-3774
Contact email: SCOTTH@EASTSIDEPLATING.COM
EPA Region: 10
Land type: Private
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:
Owner/operator name: EAST SIDE PLATING INC
Owner/operator address: 8400 SE 26TH PLACE
PORTLAND, OR 97202

EAST SIDE PLATING WORKS (Continued) **1000393917**

Owner/operator country: US
Owner/operator telephone: 503-654-3774
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 12/31/2016
Owner/Op end date: Not reported

Owner/operator name: EAST SIDE PLATING INC
Owner/operator address: 8400 SE 26TH PLACE
PORTLAND, OR 97202
Owner/operator country: US
Owner/operator telephone: 503-654-3774
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 12/31/2016
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: NA
. Waste name: NA

Historical Generators:
Date form received by agency: 12/31/2015
Site name: EAST SIDE PLATING, INC., PLANT 4
Classification: Large Quantity Generator

. Waste code: NA
. Waste name: NA

Date form received by agency: 12/30/2015
Site name: EAST SIDE PLATING, INC., PLANT 4
Classification: Large Quantity Generator

. Waste code: D002

EAST SIDE PLATING WORKS (Continued) **1000393917**

. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Date form received by agency: 12/31/2014
Site name: EAST SIDE PLATING, INC., PLANT 4
Classification: Large Quantity Generator

. Waste code: NA
. Waste name: NA

Date form received by agency: 12/31/2013
Site name: EAST SIDE PLATING, INC., PLANT 4
Classification: Large Quantity Generator

. Waste code: NA
. Waste name: NA

Date form received by agency: 12/30/2013
Site name: EAST SIDE PLATING, INC., PLANT 4
Classification: Large Quantity Generator

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF

EAST SIDE PLATING WORKS (Continued) **1000393917**

ALUMINUM.

Date form received by agency: 12/31/2012
Site name: EAST SIDE PLATING, INC., PLANT 4
Classification: Large Quantity Generator

. Waste code: NA
. Waste name: NA

Date form received by agency: 12/31/2011
Site name: EAST SIDE PLATING, INC., PLANT 4
Classification: Large Quantity Generator

. Waste code: NA
. Waste name: NA

Date form received by agency: 12/30/2011
Site name: EAST SIDE PLATING, INC., PLANT 4
Classification: Large Quantity Generator

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D003
. Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Date form received by agency: 12/31/2010
Site name: EAST SIDE PLATING, INC., PLANT 4
Classification: Large Quantity Generator

. Waste code: NA
. Waste name: NA

EAST SIDE PLATING WORKS (Continued) **1000393917**

Date form received by agency: 12/31/2009
Site name: EAST SIDE PLATING, INC., PLANT 4
Classification: Large Quantity Generator

. Waste code: NA
. Waste name: NA

Date form received by agency: 12/30/2009
Site name: EAST SIDE PLATING, INC., PLANT 4
Classification: Large Quantity Generator

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS

. Waste code: F008
. Waste name: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS WHERE CYANIDES ARE USED IN THE PROCESS.

. Waste code: F009
. Waste name: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS WHERE CYANIDES ARE USED IN THE PROCESS.

. Waste code: P029
. Waste name: COPPER CYANIDE

Date form received by agency: 12/31/2008
Site name: EAST SIDE PLATING, INC., PLANT 4
Classification: Large Quantity Generator

Date form received by agency: 12/31/2007
Site name: EAST SIDE PLATING, INC., PLANT 4
Classification: Large Quantity Generator

EAST SIDE PLATING WORKS (Continued) **1000393917**

Date form received by agency: 12/31/2007
Site name: EAST SIDE PLATING, INC., PLANT 4
Classification: Large Quantity Generator

Date form received by agency: 12/31/2006
Site name: EAST SIDE PLATING, INC., PLANT 4
Classification: Large Quantity Generator

Date form received by agency: 12/31/2005
Site name: EAST SIDE PLATING, INC., PLANT 4
Classification: Large Quantity Generator

Date form received by agency: 12/31/2005
Site name: EAST SIDE PLATING, INC., PLANT 4
Classification: Large Quantity Generator

Date form received by agency: 12/31/2004
Site name: EAST SIDE PLATING, INC., PLANT 4
Classification: Large Quantity Generator

Date form received by agency: 01/01/2004
Site name: EAST SIDE PLATING, INC., PLANT 4
Classification: Large Quantity Generator

Date form received by agency: 12/31/2003
Site name: EAST SIDE PLATING, INC., PLANT 4
Classification: Large Quantity Generator

Date form received by agency: 02/26/2003
Site name: EAST SIDE PLATING INC PLANT 4
Classification: Large Quantity Generator

Date form received by agency: 03/01/2002
Site name: EAST SIDE PLATING INC PLANT 4
Classification: Large Quantity Generator

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM

EAST SIDE PLATING WORKS (Continued) **1000393917**

PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS

. Waste code: F009
. Waste name: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS WHERE CYANIDES ARE USED IN THE PROCESS.

Date form received by agency: 02/20/2002
Site name: EAST SIDE PLATING INC PLANT 4
Classification: Large Quantity Generator

Date form received by agency: 02/22/2001
Site name: EAST SIDE PLATING INC PLANT 4
Classification: Large Quantity Generator

Date form received by agency: 03/15/2000
Site name: EAST SIDE PLATING INC PLANT 4
Classification: Large Quantity Generator

Date form received by agency: 03/01/2000
Site name: EAST SIDE PLATING INC PLANT 4
Classification: Large Quantity Generator

Date form received by agency: 03/16/1999
Site name: EAST SIDE PLATING INC PLANT 4
Classification: Large Quantity Generator

Date form received by agency: 03/01/1998
Site name: EAST SIDE PLATING INC PLANT 4
Classification: Large Quantity Generator

Date form received by agency: 02/24/1998
Site name: EAST SIDE PLATING INC PLANT 4
Classification: Large Quantity Generator

Date form received by agency: 02/28/1997
Site name: EAST SIDE PLATING INC PLANT 4
Classification: Large Quantity Generator

Date form received by agency: 03/04/1996
Site name: EAST SIDE PLATING INC PLANT 4
Classification: Large Quantity Generator

Date form received by agency: 03/01/1996
Site name: EAST SIDE PLATING INC PLANT 4
Classification: Large Quantity Generator

Date form received by agency: 03/01/1995
Site name: EAST SIDE PLATING INC PLANT 4
Classification: Large Quantity Generator

Date form received by agency: 03/30/1994
Site name: EAST SIDE PLATING INC PLANT 4
Classification: Large Quantity Generator

EAST SIDE PLATING WORKS (Continued) **1000393917**

Date form received by agency: 03/01/1994
Site name: EAST SIDE PLATING, INC. (PLANT #4)
Classification: Large Quantity Generator

Date form received by agency: 03/01/1993
Site name: EAST SIDE PLATING INC PLANT 4
Classification: Large Quantity Generator

Date form received by agency: 03/16/1992
Site name: EAST SIDE PLATING INC PLANT 4
Classification: Large Quantity Generator

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D003
. Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS

. Waste code: F009
. Waste name: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS WHERE CYANIDES ARE USED IN THE PROCESS.

Date form received by agency: 03/01/1992
Site name: EAST SIDE PLATING, INC. (PLANT #4)
Classification: Large Quantity Generator

Date form received by agency: 03/29/1990
Site name: EAST SIDE PLATING
Classification: Large Quantity Generator

EAST SIDE PLATING WORKS (Continued) **1000393917**

Biennial Reports:

Last Biennial Reporting Year: 2017

Annual Waste Handled:

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
Amount (Lbs): 83774

Waste code: D007
Waste name: CHROMIUM
Amount (Lbs): 19437

Waste code: F006
Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.
Amount (Lbs): 81016

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 12/10/2013
Date achieved compliance: 04/04/2014
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 03/04/2014
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 12/10/2013
Date achieved compliance: 04/04/2014
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 03/04/2014
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 11/30/2010
Date achieved compliance: 03/02/2011
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 01/02/2011
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 11/30/2010
Date achieved compliance: 03/02/2011
Violation lead agency: State
Enforcement action: INITIAL 3008(A) CP/CO ORDER
Enforcement action date: 05/12/2011
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 8000
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: State Statute or Regulation
Date violation determined: 11/30/2010
Date achieved compliance: 03/02/2011
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 01/02/2011
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: State Statute or Regulation
Date violation determined: 11/30/2010
Date achieved compliance: 03/02/2011
Violation lead agency: State
Enforcement action: INITIAL 3008(A) CP/CO ORDER
Enforcement action date: 05/12/2011
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 8000
Final penalty amount: Not reported
Paid penalty amount: Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Regulation violated: Not reported
Area of violation: State Statute or Regulation
Date violation determined: 11/22/2005
Date achieved compliance: 02/01/2006
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 12/28/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 11/22/2005
Date achieved compliance: 02/01/2006
Violation lead agency: State
Enforcement action: INITIAL 3008(A) CP/CO ORDER
Enforcement action date: 04/17/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 6800
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: State Statute or Regulation
Date violation determined: 11/22/2005
Date achieved compliance: 02/01/2006
Violation lead agency: State
Enforcement action: INITIAL 3008(A) CP/CO ORDER
Enforcement action date: 04/17/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 6800
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 11/22/2005
Date achieved compliance: 02/01/2006
Violation lead agency: State
Enforcement action: FINAL 3008(A) SFO ORDER
Enforcement action date: 07/12/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 6000
Paid penalty amount: 6000

Regulation violated: Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Area of violation: Generators - Pre-transport
Date violation determined: 11/22/2005
Date achieved compliance: 02/01/2006
Violation lead agency: State
Enforcement action: INITIAL 3008(A) CP/CO ORDER
Enforcement action date: 04/17/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 6800
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 11/22/2005
Date achieved compliance: 02/01/2006
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 12/28/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 11/22/2005
Date achieved compliance: 02/01/2006
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 12/28/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: State Statute or Regulation
Date violation determined: 11/22/2005
Date achieved compliance: 02/01/2006
Violation lead agency: State
Enforcement action: FINAL 3008(A) SFO ORDER
Enforcement action date: 07/12/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 6000
Paid penalty amount: 6000

Regulation violated: Not reported
Area of violation: Generators - General

EAST SIDE PLATING WORKS (Continued) **1000393917**

Date violation determined: 11/22/2005
Date achieved compliance: 02/01/2006
Violation lead agency: State
Enforcement action: FINAL 3008(A) SFO ORDER
Enforcement action date: 07/12/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 6000
Paid penalty amount: 6000

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 09/01/2005
Date achieved compliance: 09/30/2005
Violation lead agency: State
Enforcement action: INITIAL 3008(A) CP/CO ORDER
Enforcement action date: 04/17/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 6800
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 09/01/2005
Date achieved compliance: 09/30/2005
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 09/08/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - OAR 340-113-030(6)
Area of violation: Generators - Pre-transport
Date violation determined: 09/19/2000
Date achieved compliance: 10/20/2000
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 10/02/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 40 CFR 262.34(a)(2)
Area of violation: Generators - Pre-transport
Date violation determined: 09/19/2000

EAST SIDE PLATING WORKS (Continued) **1000393917**

Date achieved compliance: 10/20/2000
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 10/02/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 40 CFR 268.7(a)(7)
Area of violation: Generators - General
Date violation determined: 09/19/2000
Date achieved compliance: 10/20/2000
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 10/02/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 40 CFR 262.34(a)(1)(i)
Area of violation: Generators - General
Date violation determined: 09/19/2000
Date achieved compliance: 10/20/2000
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 10/02/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 40 CFR 262.34(c)(1)(i)
Area of violation: Generators - General
Date violation determined: 09/19/2000
Date achieved compliance: 10/20/2000
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 10/02/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - OAR 340-102-011
Area of violation: Generators - General
Date violation determined: 09/19/2000
Date achieved compliance: 10/20/2000

EAST SIDE PLATING WORKS (Continued) **1000393917**

Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 10/02/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 40 CFR 279.22(c)(1)
Area of violation: Generators - Pre-transport
Date violation determined: 09/19/2000
Date achieved compliance: 10/20/2000
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 10/02/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 40 CFR 262.34(a)(4)
Area of violation: Generators - General
Date violation determined: 09/19/2000
Date achieved compliance: 10/20/2000
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 10/02/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 40 CFR 262.34(d)(4)
Area of violation: Generators - Pre-transport
Date violation determined: 09/19/2000
Date achieved compliance: 10/20/2000
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 10/02/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 03/29/1989
Date achieved compliance: 03/29/1989
Violation lead agency: State

EAST SIDE PLATING WORKS (Continued) **1000393917**

Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 08/01/1984
Date achieved compliance: 02/27/1985
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/21/1985
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 10/24/2016
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 12/10/2013
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 04/04/2014
Evaluation lead agency: State

Evaluation date: 12/10/2013
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 04/04/2014
Evaluation lead agency: State

Evaluation date: 03/02/2011
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 11/30/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA-Initiated Oversight/Observation/Training Actions

Evaluation date: 11/30/2010
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Generators - Pre-transport

EAST SIDE PLATING WORKS (Continued) **1000393917**

Date achieved compliance: 03/02/2011
Evaluation lead agency: State

Evaluation date: 11/30/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: State Statute or Regulation
Date achieved compliance: 03/02/2011
Evaluation lead agency: State

Evaluation date: 11/30/2010
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: State Statute or Regulation
Date achieved compliance: 03/02/2011
Evaluation lead agency: State

Evaluation date: 11/30/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 03/02/2011
Evaluation lead agency: State

Evaluation date: 11/22/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 02/01/2006
Evaluation lead agency: State

Evaluation date: 11/22/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: State Statute or Regulation
Date achieved compliance: 02/01/2006
Evaluation lead agency: State

Evaluation date: 11/22/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 02/01/2006
Evaluation lead agency: State

Evaluation date: 09/01/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 09/30/2005
Evaluation lead agency: State

Evaluation date: 09/19/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA-Initiated Oversight/Observation/Training Actions

Evaluation date: 09/19/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 10/20/2000
Evaluation lead agency: State

EAST SIDE PLATING WORKS (Continued) **1000393917**

Evaluation date: 09/19/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 10/20/2000
Evaluation lead agency: State

Evaluation date: 05/06/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/29/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/29/1989
Evaluation lead agency: State

Evaluation date: 04/03/1985
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/01/1984
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - General
Date achieved compliance: 02/27/1985
Evaluation lead agency: State

ECSI:
State ID Number: 1010
Brown ID: 0
Study Area: False
Region ID: 2
Legislatve ID: 0
Investigation: Suspect
FACA ID: 1163
Further Action: 260
Lat/Long (dms): 45 30 33.84 / -122 39 45.72
County Code: 26.00
Score Value: Not reported
Cerclis ID: 009049107
Township Coord.: 1.00
Township Zone: S
Range Coord: 1.00
Range Zone: E
Section Coord: 3
Qtr Section: DA
Tax Lots: 1S1E03DA 2700
Size: 0.61 acres
NPL: False
Orphan: False
Updated By: GWISTAR
Update Date: 01/02/2013
Created Date: 04/29/1988
Decode For RegionID: Northwest Region
Decode For BrownID: Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Decode For Furtheract: Low
Decode For Investstat: Suspect
Decode For Legislative: Not reported

Narrative:
NARR ID: 5752902
NARR Code: Site Contacts
Created By: SFORTUN
Created Date: 02/23/2011
Updated By: SFORTUN
Updated Date: 02/23/2011
Decode for NarcdID: Site Contacts
NARR Comments: Tracy Finck, Plant Manager. Ross Edginton, Environmental Health and Safety Manager. Mary Knight, Quality Assurance Manager. Chuck Weisman, Anodizing Manager.

NARR ID: 5739241
NARR Code: Contamination
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Contamination
NARR Comments: Site has a history of excessive discharge (in excess of discharge limits for hazardous compounds, particularly acids and cyanide) to city sewer. City had to replace corroded sewer pipe 3/80. A 40-foot length of 8-inch concrete pipe had been completely eaten out along its bottom. This plant is the largest source of plating wastes in the city (3/79). City initiated enforcement action to reduce facility's discharge. Site was in apparent compliance with RCRA conditions in 1984. See Strategy Recommendation in site files for more information. Beginning in 1987, TCE was found in monitoring wells downgradient of site; these wells were installed as part of PGE Station L investigation (ECSI #151). It is possible that the TCE originated from East Side Plating.

NARR ID: 5739242
NARR Code: Data Sources
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Data Sources
NARR Comments: DEQ CERCLIS file; Inspection reports; EPA CERCLA Preliminary Assessment; Site Investigation; Lab results; City of Portland Sewer Discharge Info; Air Permit info; Preliminary Assessment by Hahn & Associates, 6/29/95.

NARR ID: 5752901
NARR Code: General Site Description
Created By: SFORTUN
Created Date: 02/23/2011
Updated By: SFORTUN
Updated Date: 02/23/2011
Decode for NarcdID: General Site Description
NARR Comments: A November 30, 2010 DEQ and EPA joint, unannounced Hazardous Waste Generator Compliance Inspection of this Large Quantity Hazardous Waste Generator facility noted that this is East Site Plating's

EAST SIDE PLATING WORKS (Continued) **1000393917**

oldest operating facility, operating since 1946. The facility itself is more than 60 years old. The concrete flooring is compromised by cracks and loosely-set blocks. Uncontained plating solutions were observed accumulated on the facility floors. Treated plating solutions are discharged to the municipal sanitary sewers under a permit from Portland Bureau of Environmental Services. Main Plating Room Operations: pre-plating operations (rinsate and caustic tanks), plating tanks for chromating and cadmium, copper, and zinc, and finishing rinses including a cyanide bath for copper and cadmium products. Facility also has a Specialty Plating Room, Deburring Room, Maintenance Shop, a Wastewater Treatment Room (filter press and sludge drying), and a 90-Day Waste Storage Area

NARR ID: 5739243
NARR Code: Hazardous Substance/Waste Types
Created By: Not reported
Created Date: 12/17/2002
Updated By: SFORTUN
Updated Date: 02/23/2011
Decode for NarcdID: Hazardous Substance/Waste Types
NARR Comments: Cadmium, chromium, cyanide, hydrochloric acid, zinc, nickel, copper, caustic, used oil.

NARR ID: 5739245
NARR Code: Pathways Other Hazards
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Pathways & Other Hazards
NARR Comments: Soil (around damaged sewer pipes), as well as possibly groundwater beneath facility. Groundwater may occur at a depth in excess of 50 feet beneath site.

NARR ID: 5739246
NARR Code: Remedial Action
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Remedial Action
NARR Comments: In response to DEQ review, RP conducted own PA with Hahn & Associates. Hahn completed the PA in June 1995, and it concluded that releases from corroded sewer piping prior to 1981 could have caused subsurface contamination. Hahn installed four soil borings beneath the replaced sewer pipe 11/95, which showed little or no metals or VOC contamination at this location. Based on this data, Site Assessment has downgraded the further-action priority to LOW. There is still no information on the fate of heavy metals that were released through the break in the city sewer line, nor does the Hahn PA address other possible release areas for metals or VOCs from the site to soil/groundwater.

NARR ID: 5739247
NARR Code: Health Threats
Created By: Not reported
Created Date: 12/17/2002

EAST SIDE PLATING WORKS (Continued) **1000393917**

Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Health Threats
NARR Comments: There is a good chance that the ESP facility has released metals and solvents to soil/groundwater. If this is the case, subsurface contamination could affect downgradient industrial supply wells, water in the on-site well, and surface water in the Willamette River.

NARR ID: 5752900
NARR Code: Site History
Created By: SFORTUN
Created Date: 02/23/2011
Updated By: SFORTUN
Updated Date: 02/23/2011
Decode for NarcdID: Site History
NARR Comments: November 30, 2010 DEQ and EPA conducted a joint, unannounced Hazardous Waste Generator Compliance Inspection of this Large Quantity Hazardous Waste Generator facility. Three Violations were noted: (1) failure to clean up a hazardous waste release; (2) failure to store hazardous waste in a tank or container; and (3) failure to label stored hazardous waste with an accumulation date. Plating liquids had acumulated on the building floor (1.02% liquid chromium; 0.238% liquid cadmium), and plating sludges had accumulated outside and around the facility's plating and rinsate tanks (0.57% chromium sludge;12% cadmium sludge). A Pre-Enforcement Notice (PEN-NWR-HW-11-003) was issued on February 1, 2011. A DEQ Hazardous Waste inspector had twice visited the plant in 2005. At that time, the inpector observed acumulated plating liquid on the plant floor, and accumulated plating wastes that had not been containerized.

Administrative Action:
Action ID: 9421
Region: Not reported
Complete Date: Not reported
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Environmental Protection Agency
Decode for RegionID: Not reported
Category: EPA Led Action
Action Code Flag: False
Action: Site added to CERCLIS
Further Action: Not reported
Comments: Not reported

Action ID: 9495
Region: Northwestern Region
Complete Date: 02/29/1996
Rank Value: Not reported
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Other recommendation
Further Action: Low
Comments: Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Action ID: 9459
Region: Northwestern Region
Complete Date: 06/29/1995
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: PRELIMINARY ASSESSMENT EQUIVALENT
Further Action: Not reported
Comments: Not reported

Action ID: 9426
Region: Northwestern Region
Complete Date: 04/18/1994
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: SITE PRIORITY EVALUATION FOR FURTHER ACTION
Further Action: Not reported
Comments: Not reported

Action ID: 9424
Region: Not reported
Complete Date: Not reported
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Administrative Action
Action Code Flag: False
Action: Site added to database
Further Action: Not reported
Comments: Not reported

Action ID: 9425
Region: Not reported
Complete Date: 05/13/1992
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Remedial Action
Action Code Flag: False
Action: SITE EVALUATION
Further Action: Not reported
Comments: Not reported

Action ID: 9468

EAST SIDE PLATING WORKS (Continued) **1000393917**

Region: Not reported
Complete Date: 09/17/1984
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Environmental Protection Agency
Decode for RegionID: Not reported
Category: EPA Led Action
Action Code Flag: False
Action: EPA PA1/SI1
Further Action: Not reported
Comments: Not reported

Action ID: 9444
Region: Not reported
Complete Date: 09/17/1984
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Environmental Protection Agency
Decode for RegionID: Not reported
Category: EPA Led Action
Action Code Flag: False
Action: No Further Remedial Action Planned under Federal program
Further Action: Not reported
Comments: Not reported

Action ID: 9437
Region: Not reported
Complete Date: 05/14/1992
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Listing Action
Action Code Flag: False
Action: Listing Review completed
Further Action: Not reported
Comments: Not reported

Action ID: 9449
Region: Not reported
Complete Date: Not reported
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Listing Action
Action Code Flag: False
Action: Insufficient information to list
Further Action: Not reported
Comments: Not reported

Action ID: 9496
Region: Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Complete Date: 05/15/1992
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Remedial Action
Action Code Flag: False
Action: State Basic Preliminary Assessment recommended (PA)
Further Action: Low
Comments: Not reported

Operations:
Operation Id: 132313
Operation Status: Active
Common Name: East Side Plating Works - Stephens
Yrs of Operation: 1946 to present
Comments: Electroplating
Updated Date: 09/13/1994
Updated By: CONV
Decode for OpstatID: Active
Operations SIC Id: 194904
SIC Code: 3471
Created By: Not reported
Created Date: 12/17/2002

LUST:
Region: North Western Region
Facility ID: 26-98-0123
Cleanup Received Date: 02/24/1998
Cleanup Start Date: 02/13/1998
Cleanup Complete Date: 03/28/2000
Decode for Region: North West Region

UST:
Facility ID: 8251
Facility Telephone: (503)233-8554
Permittee Name: JIMMY L THIBODEAU, VP
Number of Permitted Tanks: Not reported
Active Tanks: Not reported
Decommissioned Tanks: 1
Number of Tanks: 1

HAZMAT:
Responsble Party: Not reported
RP Company: Not reported
RP Address: Not reported
RP City,St,Zip: Not reported
Facility ID: HM07-17-0073
OERS Number: Not reported
Dept Rsp: Not reported
Narrative: Not reported
Property Loss: Not reported
Amount Released: Not reported
Service County: Not reported
Service Name: Hazmat Team 07

EAST SIDE PLATING WORKS (Continued) **1000393917**

Incident Type:	Not reported
Civilian Casualty Activity:	Not reported
Chemical Name:	Not reported
Hazmat Area Affected:	Not reported
Hazmat Area Evacuated:	Not reported
Hazmat Container Type:	Not reported
Hazmat Physical State Released:	Not reported
Hazmat Released Into:	Not reported
Hazmat Released Volume Units:	Not reported
Hazmat Released Weight Units:	Not reported
Hazmat Released From:	Not reported
Hazmat Area Affected Measurement:	Not reported
Hazmat No. of People Evacuated:	Not reported
Hazmat No of Buildings Evacuated:	Not reported
Incident Content Loss:	Not reported
Civilian Casualty Patient Disposition:	Not reported
Incident Mixed Use Property:	Industrial use
Location Type:	Street address
Incident Aid Given Or Received:	None
Incident AID Received from FDID:	FALSE
Incident Aided Department FDID:	Not reported
Person Involved Business Name:	Not reported
Person Involved First Name:	Not reported
Person Involved Last Name:	Not reported
Person Involved Type:	Not reported
Person Involved Phone Number:	Not reported
Person Involved Primary Language:	Not reported
Hazmat Evacuated Measurement:	Not reported
Hazmat Story of Release:	Not reported
Remark:	HM7 WAS CALLED TO A FIRST ALARM FIRE AT EAST SIDE PLATING INC. A FIRE STARTED WHEN A OVERHEATED MOTOR IGNITED A TUMBLER MADE OF PLASTIC. THE FIRE WAS IN A ROOM WHERE MULTIPLE HAZ. MATERIALS WERE STORED IN 500 GALLON VATS. THE FIRE WAS CONTROLLED BY AN OVERHEAD SPRINKLER SYSTEM AND EXTINGUISHED COMPLETELY BY FIRST ARRIVING CREWS. THE IC ON SCENE CALLED HAZMAT TEAM 7 TO COME INVESTIGATE AND MAKE SURE THE VATS (WHICH WERE NEVER INVOLVED WITH FIRE) WERE SECURE AND MONITOR AND TEST THE AREA TO CONFIRM THE SCENE COULD BE CALLED SAFE AND THE INCIDENT RECALLED. HAZMAT 7 MONITORED THE ROOM FOR GASES AND SAMPLED RUN OFF WATER FROM THE SPRINKLER SYSTEM AND FOUND NO HAZARDS OR SIGNIFICANT ISSUES AND ADVISED THE IC THE AREA WAS CLEAR TO BE INVESTIGATED BY THE ARSON INVESTIGATOR. THE INCIDENT WAS RECALLED AND PERSONNEL FROM THE BUSINESS WERE ALLOWED TO RE-ENTER THEIR PLACE OF BUSINESS.
Incident District:	Not reported
Date Added:	Not reported
Unit:	Not reported
Agency Phone:	Not reported
Osfm Incident Report Number:	HM07-17-0073
Dept. Responding:	Not reported
Person Making Report:	Not reported
Title:	Not reported
Agency:	Not reported
Phone:	Not reported
Date Of Incident:	03/02/2017
Call Time:	1:37
In Route:	Not reported
Arrival:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Depart Scene:	Not reported
Back In Quarters:	Not reported
In Service:	Not reported
Dist Of Incident:	Not reported
Were State Resources Used?:	Not reported
Was Oers Notified?:	Not reported
Oers Number:	Not reported
Team Number:	Not reported
Agency Report Number:	Not reported
Unit:	Not reported
Highway:	Not reported
Mile Post:	Not reported
Scene Type:	Not reported
Area Type:	Not reported
Responsible Party(Ies):	Not reported
Company:	Not reported
Respcontact:	Not reported
Address:	Not reported
Resp City:	Not reported
Resp State:	Not reported
Resp ZipCode:	Not reported
Phone:	Not reported
Resp Phone2:	Not reported
Weather:	Not reported
Temperature:	Not reported
Wind Speed:	Not reported
Wind Direction:	Not reported
Were Haz Materials Released?:	Not reported
Operation Performed:	Not reported
Cause:	Not reported
Vehicle And Cargo:	Not reported
Fixed Property:	Not reported
Total Loss:	Not reported
Hazmat Population Density:	Not reported
HazMat Actions Taken - Description:	Not reported
Hazmat Factors Contributing To Release:	Not reported
Hazmat DOT Hazard Classification:	Not reported
Hazmat CAS Number:	Not reported
Hazardous Materials Release:	Special HazMat actions required or spill >= 55 gal.
Fire Incident Type:	HazMat release investigation w/no HazMat
Property Use:	Manufacturing, processing
Latitude:	Not reported
Longitude:	Not reported
Hazmat Disposition:	Not reported
Responsble Party:	Not reported
RP Company:	Not reported
RP Address:	Not reported
RP City,St,Zip:	Not reported
Facility ID:	HM07-17-0073
OERS Number:	Not reported
Dept Rsp:	Not reported
Narrative:	Not reported
Property Loss:	Not reported
Amount Released:	Not reported
Service County:	Not reported
Service Name:	Hazmat Team 07

EAST SIDE PLATING WORKS (Continued) **1000393917**

Incident Type:	Not reported
Civilian Casualty Activity:	Not reported
Chemical Name:	Not reported
Hazmat Area Affected:	Not reported
Hazmat Area Evacuated:	Not reported
Hazmat Container Type:	Not reported
Hazmat Physical State Released:	Not reported
Hazmat Released Into:	Not reported
Hazmat Released Volume Units:	Not reported
Hazmat Released Weight Units:	Not reported
Hazmat Released From:	Not reported
Hazmat Area Affected Measurement:	Not reported
Hazmat No. of People Evacuated:	Not reported
Hazmat No of Buildings Evacuated:	Not reported
Incident Content Loss:	Not reported
Civilian Casualty Patient Disposition:	Not reported
Incident Mixed Use Property:	Industrial use
Location Type:	Street address
Incident Aid Given Or Received:	None
Incident AID Received from FDID:	FALSE
Incident Aided Department FDID:	Not reported
Person Involved Business Name:	Not reported
Person Involved First Name:	Not reported
Person Involved Last Name:	Not reported
Person Involved Type:	Not reported
Person Involved Phone Number:	Not reported
Person Involved Primary Language:	Not reported
Hazmat Evacuated Measurement:	Not reported
Hazmat Story of Release:	Not reported
Remark:	HM7 WAS CALLED TO A FIRST ALARM FIRE AT EAST SIDE PLATING INC. A FIRE STARTED WHEN A OVERHEATED MOTOR IGNITED A TUMBLER MADE OF PLASTIC. THE FIRE WAS IN A ROOM WHERE MULTIPLE HAZ. MATERIALS WERE STORED IN 500 GALLON VATS. THE FIRE WAS CONTROLLED BY AN OVERHEAD SPRINKLER SYSTEM AND EXTINGUISHED COMPLETELY BY FIRST ARRIVING CREWS. THE IC ON SCENE CALLED HAZMAT TEAM 7 TO COME INVESTIGATE AND MAKE SURE THE VATS (WHICH WERE NEVER INVOLVED WITH FIRE) WERE SECURE AND MONITOR AND TEST THE AREA TO CONFIRM THE SCENE COULD BE CALLED SAFE AND THE INCIDENT RECALLED. HAZMAT 7 MONITORED THE ROOM FOR GASES AND SAMPLED RUN OFF WATER FROM THE SPRINKLER SYSTEM AND FOUND NO HAZARDS OR SIGNIFICANT ISSUES AND ADVISED THE IC THE AREA WAS CLEAR TO BE INVESTIGATED BY THE ARSON INVESTIGATOR. THE INCIDENT WAS RECALLED AND PERSONNEL FROM THE BUSINESS WERE ALLOWED TO RE-ENTER THEIR PLACE OF BUSINESS.
Incident District:	Not reported
Date Added:	Not reported
Unit:	Not reported
Agency Phone:	Not reported
Osfm Incident Report Number:	HM07-17-0073
Dept. Responding:	Not reported
Person Making Report:	Not reported
Title:	Not reported
Agency:	Not reported
Phone:	Not reported
Date Of Incident:	03/02/2017
Call Time:	1:37
In Route:	Not reported
Arrival:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Depart Scene:	Not reported
Back In Quarters:	Not reported
In Service:	Not reported
Dist Of Incident:	Not reported
Were State Resources Used?:	Not reported
Was Oers Notified?:	Not reported
Oers Number:	Not reported
Team Number:	Not reported
Agency Report Number:	Not reported
Unit:	Not reported
Highway:	Not reported
Mile Post:	Not reported
Scene Type:	Not reported
Area Type:	Not reported
Responsible Party(Ies):	Not reported
Company:	Not reported
Respcontact:	Not reported
Address:	Not reported
Resp City:	Not reported
Resp State:	Not reported
Resp ZipCode:	Not reported
Phone:	Not reported
Resp Phone2:	Not reported
Weather:	Not reported
Temperature:	Not reported
Wind Speed:	Not reported
Wind Direction:	Not reported
Were Haz Materials Released?:	Not reported
Operation Performed:	Not reported
Cause:	Not reported
Vehicle And Cargo:	Not reported
Fixed Property:	Not reported
Total Loss:	Not reported
Hazmat Population Density:	Not reported
HazMat Actions Taken - Description:	Not reported
Hazmat Factors Contributing To Release:	Not reported
Hazmat DOT Hazard Classification:	Not reported
Hazmat CAS Number:	Not reported
Hazardous Materials Release:	Special HazMat actions required or spill >= 55 gal.
Fire Incident Type:	HazMat release investigation w/no HazMat
Property Use:	Manufacturing, processing
Latitude:	Not reported
Longitude:	Not reported
Hazmat Disposition:	Not reported
Responsble Party:	Not reported
RP Company:	Not reported
RP Address:	Not reported
RP City,St,Zip:	Not reported
Facility ID:	HM07-17-0073
OERS Number:	Not reported
Dept Rsp:	Not reported
Narrative:	Not reported
Property Loss:	Not reported
Amount Released:	Not reported
Service County:	Not reported
Service Name:	Hazmat Team 07

EAST SIDE PLATING WORKS (Continued) **1000393917**

Incident Type:	Not reported
Civilian Casualty Activity:	Not reported
Chemical Name:	Not reported
Hazmat Area Affected:	Not reported
Hazmat Area Evacuated:	Not reported
Hazmat Container Type:	Not reported
Hazmat Physical State Released:	Not reported
Hazmat Released Into:	Not reported
Hazmat Released Volume Units:	Not reported
Hazmat Released Weight Units:	Not reported
Hazmat Released From:	Not reported
Hazmat Area Affected Measurement:	Not reported
Hazmat No. of People Evacuated:	Not reported
Hazmat No of Buildings Evacuated:	Not reported
Incident Content Loss:	Not reported
Civilian Casualty Patient Disposition:	Not reported
Incident Mixed Use Property:	Industrial use
Location Type:	Street address
Incident Aid Given Or Received:	None
Incident AID Received from FDID:	FALSE
Incident Aided Department FDID:	Not reported
Person Involved Business Name:	Not reported
Person Involved First Name:	Not reported
Person Involved Last Name:	Not reported
Person Involved Type:	Not reported
Person Involved Phone Number:	Not reported
Person Involved Primary Language:	Not reported
Hazmat Evacuated Measurement:	Not reported
Hazmat Story of Release:	Not reported
Remark:	HM7 WAS CALLED TO A FIRST ALARM FIRE AT EAST SIDE PLATING INC. A FIRE STARTED WHEN A OVERHEATED MOTOR IGNITED A TUMBLER MADE OF PLASTIC. THE FIRE WAS IN A ROOM WHERE MULTIPLE HAZ. MATERIALS WERE STORED IN 500 GALLON VATS. THE FIRE WAS CONTROLLED BY AN OVERHEAD SPRINKLER SYSTEM AND EXTINGUISHED COMPLETELY BY FIRST ARRIVING CREWS. THE IC ON SCENE CALLED HAZMAT TEAM 7 TO COME INVESTIGATE AND MAKE SURE THE VATS (WHICH WERE NEVER INVOLVED WITH FIRE) WERE SECURE AND MONITOR AND TEST THE AREA TO CONFIRM THE SCENE COULD BE CALLED SAFE AND THE INCIDENT RECALLED. HAZMAT 7 MONITORED THE ROOM FOR GASES AND SAMPLED RUN OFF WATER FROM THE SPRINKLER SYSTEM AND FOUND NO HAZARDS OR SIGNIFICANT ISSUES AND ADVISED THE IC THE AREA WAS CLEAR TO BE INVESTIGATED BY THE ARSON INVESTIGATOR. THE INCIDENT WAS RECALLED AND PERSONNEL FROM THE BUSINESS WERE ALLOWED TO RE-ENTER THEIR PLACE OF BUSINESS.
Incident District:	Not reported
Date Added:	Not reported
Unit:	Not reported
Agency Phone:	Not reported
Osfm Incident Report Number:	HM07-17-0073
Dept. Responding:	Not reported
Person Making Report:	Not reported
Title:	Not reported
Agency:	Not reported
Phone:	Not reported
Date Of Incident:	03/02/2017
Call Time:	1:37
In Route:	Not reported
Arrival:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Depart Scene:	Not reported
Back In Quarters:	Not reported
In Service:	Not reported
Dist Of Incident:	Not reported
Were State Resources Used?:	Not reported
Was Oers Notified?:	Not reported
Oers Number:	Not reported
Team Number:	Not reported
Agency Report Number:	Not reported
Unit:	Not reported
Highway:	Not reported
Mile Post:	Not reported
Scene Type:	Not reported
Area Type:	Not reported
Responsible Party(Ies):	Not reported
Company:	Not reported
Respcontact:	Not reported
Address:	Not reported
Resp City:	Not reported
Resp State:	Not reported
Resp ZipCode:	Not reported
Phone:	Not reported
Resp Phone2:	Not reported
Weather:	Not reported
Temperature:	Not reported
Wind Speed:	Not reported
Wind Direction:	Not reported
Were Haz Materials Released?:	Not reported
Operation Performed:	Not reported
Cause:	Not reported
Vehicle And Cargo:	Not reported
Fixed Property:	Not reported
Total Loss:	Not reported
Hazmat Population Density:	Not reported
HazMat Actions Taken - Description:	Not reported
Hazmat Factors Contributing To Release:	Not reported
Hazmat DOT Hazard Classification:	Not reported
Hazmat CAS Number:	Not reported
Hazardous Materials Release:	Special HazMat actions required or spill >= 55 gal.
Fire Incident Type:	HazMat release investigation w/no HazMat
Property Use:	Manufacturing, processing
Latitude:	Not reported
Longitude:	Not reported
Hazmat Disposition:	Not reported

HSIS:

Facility ID:	004607
Department Or Division Of Company:	PLANT 4
Extremely Hazardous Substance:	Y
Facility Has Written Emergency Plan:	Y
Contains 112R:	N
NAICS Code 1:	332813
NAICS Desc 1:	ELECTROPLATING, PLATING, POLISHING, ANODI
NAICS Code 2:	000000
NAICS Desc 2:	Not reported
Manager Name:	GARY REHNBERG
Business Phone:	5032324792

EAST SIDE PLATING WORKS (Continued) **1000393917**

Mailing Address:	8400 SE 26TH PL
Mailing City:	PORTLAND
Mailing State:	OR
Mailing Zip:	97202
No. of Employees:	21
Day Phone:	5032324792
Placard:	Y
Fire Dept Code:	0291
FD:	PORTLAND FIRE & RESCUE
Sprinkler System:	Y
Emergency Contact:	TRACY FINCK
Emergency Procedure:	PLANT MGRS OFFICE
Business Type:	METAL FINISHING JOB SHOP
Facility Type:	Not reported
Division/Department:	Not reported
Facility Status:	Not reported
Status TRI:	Not reported
Status RMP:	Not reported
Status PSM:	Not reported
Status CR2K:	Not reported
Status 302:	Not reported
Owner Name:	Not reported
Latest Report ID:	Not reported
Case Number:	Not reported
Chemical Name:	Not reported
EHS Name:	Not reported
Is Pure:	Not reported
Is Mix:	Not reported
Is EHS:	Not reported
Mixture Component:	Not reported
Maximum DailyAmount Code:	Not reported
Maximum DailyAmount Unit:	Not reported
Chemical Added Date:	Not reported
Is ChemPSM:	Not reported
Is Chem112r:	Not reported
Is Chem302:	Not reported
Is Pesticide:	Not reported
Is Fertilizer:	Not reported
Physical State:	Not reported
UNNA Number:	Not reported
NFPA Health:	Not reported
NFPA Flammability:	Not reported
NFPA Reactivity:	Not reported
NFPA Special Notice:	Not reported
Hazards:	Not reported
No# of Days Onsite:	Not reported
Latitude:	Not reported
Longitude:	Not reported

Facility:

Chemical Name:	F006 FILTERCAKE
Physical Description:	SOLID
Case Number:	20427592
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	1

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Unit Of Measure:	POUNDS
Type Code:	R
Description:	OTHER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	COPPER HYDROXIDE
United Nations/north America 4 Digit Class Number:	3077
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Chronic Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.4
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	F006 FILTERCAKE
United Nations/north America 4 Digit Class Number:	3077
Chemical Abstract Service Identifier Number:	20427592
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Chronic Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.4
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	HYDROCHLORIC ACID BATHS
Physical Description:	LIQUID
Case Number:	7647010
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	21
Applicable Unit Of Measure Code:	2

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	E
Temperature Description:	PLASTIC OR NON-METALLIC DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5,000-9,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	HYDROCHLORIC ACID
United Nations/north America 4 Digit Class Number:	1789
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	HYDROCHLORIC ACID BATHS
United Nations/north America 4 Digit Class Number:	1789
Chemical Abstract Service Identifier Number:	7647010
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	POTASSIUM CHLORIDE
Physical Description:	SOLID
Case Number:	7447407
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	1

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Unit Of Measure:	POUNDS
Type Code:	J
Description:	BAG
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	POTASSIUM CHLORIDE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	4
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	POTASSIUM CHLORIDE
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7447407
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	Y
Pesticide:	N
Contains 313:	N

Chemical Name:	POTASSIUM CYANIDE
Physical Description:	SOLID
Case Number:	151508
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	POTASSIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1680
Hazard Rank:	3
EHS Ingredient:	POTASSIUM CYANIDE
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	POTASSIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1680
Chemical Abstract Service Identifier Number:	151508
Chemical Is Extremely Hazardous Substance (EHS):	Y
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	SODIUM CYANIDE
Physical Description:	SOLID
Case Number:	143339
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	3
EHS Ingredient:	SODIUM CYANIDE
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	143339
Chemical Is Extremely Hazardous Substance (EHS):	Y
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	SULFURIC ACID 93%
Physical Description:	LIQUID
Case Number:	7664939
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	03
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	2

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Unit Of Measure:	GALLONS
Type Code:	E
Description:	PLASTIC OR NON-METALLIC DRUM
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	20-49
Most Hazardous Ingridient:	SULFURIC ACID
United Nations/north America 4 Digit Class Number:	1830
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	SULFURIC ACID 93%
United Nations/north America 4 Digit Class Number:	1830
Chemical Abstract Service Identifier Number:	7664939
Chemical Is Extremely Hazardous Substance (EHS):	Y
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	WASTE CHROMIUM PROCESS
Physical Description:	LIQUID
Case Number:	7440473
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	CHROME COMPOUNDS
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	WASTE CHROMIUM PROCESS
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	7440473
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Y

Chemical Name:	WASTE CYANIDE PROCESS
Physical Description:	LIQUID
Case Number:	143339
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	WASTE CYANIDE PROCESS
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	143339
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	WASTE PROCESS MIXED
Physical Description:	LIQUID
Case Number:	Not reported
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	30
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	2

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	10,000-49,999
Most Hazardous Ingridient:	ZINC/CHROME/NICKEL
United Nations/north America 4 Digit Class Number:	3077
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	WASTE PROCESS MIXED
United Nations/north America 4 Digit Class Number:	3077
Chemical Abstract Service Identifier Number:	Not reported
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	ZINC ANODES
Physical Description:	SOLID
Case Number:	7440666
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	1

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Unit Of Measure:	POUNDS
Type Code:	K
Description:	BOX
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ZINC
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	1
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ZINC ANODES
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	7440666
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	N

Chemical Name:	ZINC BATHS
Physical Description:	LIQUID
Case Number:	7646857
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ZINC CHLORIDE
United Nations/north America 4 Digit Class Number:	1840
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ZINC BATHS
United Nations/north America 4 Digit Class Number:	1840
Chemical Abstract Service Identifier Number:	7646857
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	ZINC CYANIDE
Physical Description:	SOLID
Case Number:	557211
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	ZINC CYANIDE
United Nations/north America 4 Digit Class Number:	1713
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ZINC CYANIDE
United Nations/north America 4 Digit Class Number:	1713
Chemical Abstract Service Identifier Number:	557211
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	META-KLEEN 58
Physical Description:	SOLID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Unit Of Measure:	POUNDS
Type Code:	I
Description:	FIBER DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	3262
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	META-KLEEN 58
United Nations/north America 4 Digit Class Number:	3262
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	BRASS CYANIDE BATH SOLUTION
Physical Description:	LIQUID
Case Number:	544923
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	2

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	2
EHS Ingredient:	SODIUM CYANIDE
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	BRASS CYANIDE BATH SOLUTION
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	544923
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	HYDROCHLORIC ACID 31-33%
Physical Description:	LIQUID
Case Number:	7647010
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	HYDROGEN CHLORIDE
United Nations/north America 4 Digit Class Number:	1789
Hazard Rank:	2
EHS Ingredient:	HYDROGEN CHLORIDE
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	HYDROCHLORIC ACID 31-33%
United Nations/north America 4 Digit Class Number:	1789
Chemical Abstract Service Identifier Number:	7647010
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	BOILER CHEMICAL CONDENSATE
Physical Description:	LIQUID
Case Number:	110918
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Unit Of Measure:	GALLONS
Type Code:	R
Description:	OTHER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	MORPHOLINE
United Nations/north America 4 Digit Class Number:	3267
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	BOILER CHEMICAL CONDENSATE
United Nations/north America 4 Digit Class Number:	3267
Chemical Abstract Service Identifier Number:	110918
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	ACID ETCH AX2050 BATH
Physical Description:	LIQUID
Case Number:	000000
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	AMMONIUM BIFLUORIDE
United Nations/north America 4 Digit Class Number:	1727
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ACID ETCH AX2050 BATH
United Nations/north America 4 Digit Class Number:	1727
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CLEAR/COLOR SEAL BATH
Physical Description:	LIQUID
Case Number:	000000
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	NICKEL ACETATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CLEAR/COLOR SEAL BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	NITRIC SOUR BATH
Physical Description:	LIQUID
Case Number:	7697372
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	NITRIC ACID
United Nations/north America 4 Digit Class Number:	2031
Hazard Rank:	2
EHS Ingredient:	NITRIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Poisonous Material
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.1

Chemical:

Chemical Name:	NITRIC SOUR BATH
United Nations/north America 4 Digit Class Number:	2031
Chemical Abstract Service Identifier Number:	7697372
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Poisonous Material
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.1
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	DESMUT A-1714 BATH
Physical Description:	LIQUID
Case Number:	7775271
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	PERSULFATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	DESMUT A-1714 BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7775271
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	PHOSPHORIC ACID BATH
Physical Description:	LIQUID
Case Number:	7664382
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	PHOSPHORIC ACID
United Nations/north America 4 Digit Class Number:	1805
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	PHOSPHORIC ACID BATH
United Nations/north America 4 Digit Class Number:	1805
Chemical Abstract Service Identifier Number:	7664382
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	ANODIZING DYE BATHS
Physical Description:	LIQUID
Case Number:	127093
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM ACETATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Combustible Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	4.5

Chemical:

Chemical Name:	ANODIZING DYE BATHS
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	127093
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Combustible Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	4.5
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	DIE-CAST ACID BATH
Physical Description:	LIQUID
Case Number:	7681381
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	SODIUM BISULFATE
United Nations/north America 4 Digit Class Number:	3260
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4

Chemical:

Chemical Name:	DIE-CAST ACID BATH
United Nations/north America 4 Digit Class Number:	3260
Chemical Abstract Service Identifier Number:	7681381
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CAUSTIC ETCH AX-1897 BATH
Physical Description:	LIQUID
Case Number:	00000
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	NONE LISTED ON MSDS
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	1
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CAUSTIC ETCH AX-1897 BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	00000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	ANODIZE BATH
Physical Description:	LIQUID
Case Number:	7664939
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SULFURIC ACID
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ANODIZE BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7664939
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CHROMAX 4101 YL
Physical Description:	LIQUID
Case Number:	1333820
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	02
Max Amt Possessed During Year CD:	03
Applicable Unit Of Measure Code:	2

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Unit Of Measure:	GALLONS
Type Code:	N
Description:	PLASTIC BOTTLE, JUG, BUCKET
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	20-49
Description Of The Avg Qnty Code:	10-19
Most Hazardous Ingridient:	CHROMIC ACID
United Nations/north America 4 Digit Class Number:	2922
Hazard Rank:	3
EHS Ingredient:	NITRIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Reactive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	4.4

Chemical:

Chemical Name:	CHROMAX 4101 YL
United Nations/north America 4 Digit Class Number:	2922
Chemical Abstract Service Identifier Number:	1333820
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Reactive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	4.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	CHILLER SYSTEM SOLUTION
Physical Description:	LIQUID
Case Number:	107211
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Unit Of Measure:	GALLONS
Type Code:	R
Description:	OTHER
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	LESS THAN NORMAL TEMPERATURE BUT NOT CRYOGENIC
Temperature of The Hazardous Substance Code:	6
Temperature Description:	LESS THAN NORMAL TEMPERATURE BUT NOT CRYOGENIC
Temperature of The Hazardous Substance Code:	6
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ETHYLENE GLYCOL
United Nations/north America 4 Digit Class Number:	3082
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Combustible Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.5
Hazard Class 3 Of The Chemical:	6.4

Chemical:

Chemical Name:	CHILLER SYSTEM SOLUTION
United Nations/north America 4 Digit Class Number:	3082
Chemical Abstract Service Identifier Number:	107211
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Combustible Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.5
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	SCRUBBER TOWER SOLUTION
Physical Description:	LIQUID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	1824
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	SCRUBBER TOWER SOLUTION
United Nations/north America 4 Digit Class Number:	1824
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	DI RESIN CANISTERS
Physical Description:	SOLID
Case Number:	000000
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Unit Of Measure:	POUNDS
Type Code:	R
Description:	OTHER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	RESIN
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	DI RESIN CANISTERS
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	MACRO BRITE C-9
Physical Description:	SOLID
Case Number:	1333820
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	CHROMIC ACID
United Nations/north America 4 Digit Class Number:	1463
Hazard Rank:	3
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	MACRO BRITE C-9
United Nations/north America 4 Digit Class Number:	1463
Chemical Abstract Service Identifier Number:	1333820
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	ARCHITECTURAL BLACK SOLUTION
Physical Description:	LIQUID
Case Number:	7488553
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	351
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	STANNOUS SULFATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ARCHITECTURAL BLACK SOLUTION
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7488553
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CADMIUM ANODES
Physical Description:	SOLID
Case Number:	7440439
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	21
Applicable Unit Of Measure Code:	1

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Unit Of Measure:	POUNDS
Type Code:	K
Description:	BOX
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5,000-9,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	CADMIUM
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CADMIUM ANODES
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7440439
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CADMIUM PLATING BATHS
Physical Description:	LIQUID
Case Number:	143339
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CADMIUM PLATING BATHS
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	143339
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	ANODIZING ALUMINUM SOAK CLEANER
Physical Description:	LIQUID
Case Number:	12179043
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	52
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM TETRABORATE PENTAHYDRATE
United Nations/north America 4 Digit Class Number:	1498
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ANODIZING ALUMINUM SOAK CLEANER
United Nations/north America 4 Digit Class Number:	1498
Chemical Abstract Service Identifier Number:	12179043
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	META-KLEEN HDS-40
Physical Description:	SOLID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Unit Of Measure:	POUNDS
Type Code:	I
Description:	FIBER DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	META-KLEEN HDS-40
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CAUSTIC BEADS
Physical Description:	SOLID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	J
Temperature Description:	BAG
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	1823
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CAUSTIC BEADS
United Nations/north America 4 Digit Class Number:	1823
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CAUSTIC SODA SOLUTION
Physical Description:	LIQUID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	E
Temperature Description:	PLASTIC OR NON-METALLIC DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	1824
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CAUSTIC SODA SOLUTION
United Nations/north America 4 Digit Class Number:	1824
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	CHROMATE BATHS
Physical Description:	LIQUID
Case Number:	1333820
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	21
Applicable Unit Of Measure Code:	2

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	E
Temperature Description:	PLASTIC OR NON-METALLIC DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5,000-9,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	CHROMIUM TRIOXIDE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NITRIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Oxidizers
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	5.1

Chemical:

Chemical Name:	CHROMATE BATHS
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	1333820
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Oxidizers
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	5.1
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	COPPER ANODES
Physical Description:	SOLID
Case Number:	7440508
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	30
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	1

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Unit Of Measure:	POUNDS
Type Code:	K
Description:	BOX
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	10,000-49,999
Most Hazardous Ingridient:	COPPER
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	COPPER ANODES
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	7440508
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	COPPER CYANIDE
Physical Description:	SOLID
Case Number:	544923
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Unit Of Measure:	POUNDS
Type Code:	F
Description:	CAN
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1587
Hazard Rank:	3
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1587
Chemical Abstract Service Identifier Number:	544923
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	COPPER CYANIDE BATH SOLUTION
Physical Description:	LIQUID
Case Number:	544923
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	3
EHS Ingredient:	SODIUM CYANIDE
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	COPPER CYANIDE BATH SOLUTION
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	544923
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	ACID COPPER BATH
Physical Description:	LIQUID
Case Number:	7758987
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	COPPER (II) SULFATE PENTAHYDRATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4

Chemical:

Chemical Name:	ACID COPPER BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7758987
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Facility ID:	004607
Department Or Division Of Company:	Not reported
Extremely Hazardous Substance:	Not reported
Facility Has Written Emergency Plan:	Not reported
Contains 112R:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
Manager Name:	Not reported
Business Phone:	Not reported
Mailing Address:	Not reported
Mailing City:	Not reported
Mailing State:	Not reported
Mailing Zip:	Not reported
No. of Employees:	Not reported
Day Phone:	Not reported
Placard:	Not reported
Fire Dept Code:	Not reported
FD:	PORTLAND FIRE & RESCUE
Sprinkler System:	Not reported
Emergency Contact:	Not reported
Emergency Procedure:	Not reported
Business Type:	Not reported
Facility Type:	Private
Division/Department:	PLANT 4
Facility Status:	ACTIVE
Status TRI:	Inactive
Status RMP:	Active
Status PSM:	Active
Status CR2K:	Inactive
Status 302:	Inactive
Owner Name:	GARY REHNBERG
Latest Report ID:	28399
Case Number:	N/A
Chemical Name:	NITRIC SOUR BATH
EHS Name:	Not reported
Is Pure:	No
Is Mix:	Yes
Is EHS:	Not reported
Mixture Component:	NITRIC ACID
Maximum DailyAmount Code:	20
Maximum DailyAmount Unit:	gal
Chemical Added Date:	08/30/2017
Is ChemPSM:	No
Is Chem112r:	No
Is Chem302:	No
Is Pesticide:	No
Is Fertilizer:	No
Physical State:	Liquid
UNNA Number:	2031
NFPA Health:	3
NFPA Flammability:	0
NFPA Reactivity:	0
NFPA Special Notice:	OX
Hazards:	Health Respiratory, Health SeriousEye, Health SkinCorrosion, Physical Corrosive, Physical Oxidizer
No# of Days Onsite:	365
Latitude:	45.5091
Longitude:	-122.662

Facility:

Chemical Name:	F006 FILTERCAKE
Physical Description:	SOLID
Case Number:	20427592

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	R
Description:	OTHER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	COPPER HYDROXIDE
United Nations/north America 4 Digit Class Number:	3077
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Chronic Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.4
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	F006 FILTERCAKE
United Nations/north America 4 Digit Class Number:	3077
Chemical Abstract Service Identifier Number:	20427592
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Chronic Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.4
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	HYDROCHLORIC ACID BATHS
Physical Description:	LIQUID
Case Number:	7647010

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	21
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	E
Temperature Description:	PLASTIC OR NON-METALLIC DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5,000-9,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	HYDROCHLORIC ACID
United Nations/north America 4 Digit Class Number:	1789
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	HYDROCHLORIC ACID BATHS
United Nations/north America 4 Digit Class Number:	1789
Chemical Abstract Service Identifier Number:	7647010
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	POTASSIUM CHLORIDE
Physical Description:	SOLID
Case Number:	7447407

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	J
Description:	BAG
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	POTASSIUM CHLORIDE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	4
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	POTASSIUM CHLORIDE
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7447407
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	Y
Pesticide:	N
Contains 313:	N

Chemical Name:	POTASSIUM CYANIDE
Physical Description:	SOLID
Case Number:	151508

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	POTASSIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1680
Hazard Rank:	3
EHS Ingredient:	POTASSIUM CYANIDE
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	POTASSIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1680
Chemical Abstract Service Identifier Number:	151508
Chemical Is Extremely Hazardous Substance (EHS):	Y
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	SODIUM CYANIDE
Physical Description:	SOLID
Case Number:	143339

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	3
EHS Ingredient:	SODIUM CYANIDE
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	143339
Chemical Is Extremely Hazardous Substance (EHS):	Y
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	SULFURIC ACID 93%
Physical Description:	LIQUID
Case Number:	7664939

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	03
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	E
Description:	PLASTIC OR NON-METALLIC DRUM
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	20-49
Most Hazardous Ingridient:	SULFURIC ACID
United Nations/north America 4 Digit Class Number:	1830
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	SULFURIC ACID 93%
United Nations/north America 4 Digit Class Number:	1830
Chemical Abstract Service Identifier Number:	7664939
Chemical Is Extremely Hazardous Substance (EHS):	Y
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	WASTE CHROMIUM PROCESS
Physical Description:	LIQUID
Case Number:	7440473

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	CHROME COMPOUNDS
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	WASTE CHROMIUM PROCESS
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	7440473
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Y

Chemical Name:	WASTE CYANIDE PROCESS
Physical Description:	LIQUID
Case Number:	143339

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	WASTE CYANIDE PROCESS
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	143339
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	WASTE PROCESS MIXED
Physical Description:	LIQUID
Case Number:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	30
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	10,000-49,999
Most Hazardous Ingridient:	ZINC/CHROME/NICKEL
United Nations/north America 4 Digit Class Number:	3077
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	WASTE PROCESS MIXED
United Nations/north America 4 Digit Class Number:	3077
Chemical Abstract Service Identifier Number:	Not reported
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	ZINC ANODES
Physical Description:	SOLID
Case Number:	7440666

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	K
Description:	BOX
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ZINC
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	1
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ZINC ANODES
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	7440666
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	N

Chemical Name:	ZINC BATHS
Physical Description:	LIQUID
Case Number:	7646857

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ZINC CHLORIDE
United Nations/north America 4 Digit Class Number:	1840
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ZINC BATHS
United Nations/north America 4 Digit Class Number:	1840
Chemical Abstract Service Identifier Number:	7646857
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	ZINC CYANIDE
Physical Description:	SOLID
Case Number:	557211

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	ZINC CYANIDE
United Nations/north America 4 Digit Class Number:	1713
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ZINC CYANIDE
United Nations/north America 4 Digit Class Number:	1713
Chemical Abstract Service Identifier Number:	557211
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	META-KLEEN 58
Physical Description:	SOLID
Case Number:	1310732

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	I
Description:	FIBER DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	3262
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	META-KLEEN 58
United Nations/north America 4 Digit Class Number:	3262
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	BRASS CYANIDE BATH SOLUTION
Physical Description:	LIQUID
Case Number:	544923

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	2
EHS Ingredient:	SODIUM CYANIDE
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	BRASS CYANIDE BATH SOLUTION
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	544923
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	HYDROCHLORIC ACID 31-33%
Physical Description:	LIQUID
Case Number:	7647010

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	HYDROGEN CHLORIDE
United Nations/north America 4 Digit Class Number:	1789
Hazard Rank:	2
EHS Ingredient:	HYDROGEN CHLORIDE
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	HYDROCHLORIC ACID 31-33%
United Nations/north America 4 Digit Class Number:	1789
Chemical Abstract Service Identifier Number:	7647010
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	BOILER CHEMICAL CONDENSATE
Physical Description:	LIQUID
Case Number:	110918

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	R
Description:	OTHER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	MORPHOLINE
United Nations/north America 4 Digit Class Number:	3267
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	BOILER CHEMICAL CONDENSATE
United Nations/north America 4 Digit Class Number:	3267
Chemical Abstract Service Identifier Number:	110918
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	ACID ETCH AX2050 BATH
Physical Description:	LIQUID
Case Number:	000000

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	AMMONIUM BIFLUORIDE
United Nations/north America 4 Digit Class Number:	1727
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ACID ETCH AX2050 BATH
United Nations/north America 4 Digit Class Number:	1727
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CLEAR/COLOR SEAL BATH
Physical Description:	LIQUID
Case Number:	000000

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	NICKEL ACETATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CLEAR/COLOR SEAL BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	NITRIC SOUR BATH
Physical Description:	LIQUID
Case Number:	7697372

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	NITRIC ACID
United Nations/north America 4 Digit Class Number:	2031
Hazard Rank:	2
EHS Ingredient:	NITRIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Poisonous Material
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.1

Chemical:

Chemical Name:	NITRIC SOUR BATH
United Nations/north America 4 Digit Class Number:	2031
Chemical Abstract Service Identifier Number:	7697372
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Poisonous Material
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.1
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	DESMUT A-1714 BATH
Physical Description:	LIQUID
Case Number:	7775271

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	PERSULFATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	DESMUT A-1714 BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7775271
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	PHOSPHORIC ACID BATH
Physical Description:	LIQUID
Case Number:	7664382

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	PHOSPHORIC ACID
United Nations/north America 4 Digit Class Number:	1805
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	PHOSPHORIC ACID BATH
United Nations/north America 4 Digit Class Number:	1805
Chemical Abstract Service Identifier Number:	7664382
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	ANODIZING DYE BATHS
Physical Description:	LIQUID
Case Number:	127093

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM ACETATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Combustible Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	4.5

Chemical:

Chemical Name:	ANODIZING DYE BATHS
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	127093
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Combustible Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	4.5
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	DIE-CAST ACID BATH
Physical Description:	LIQUID
Case Number:	7681381

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	SODIUM BISULFATE
United Nations/north America 4 Digit Class Number:	3260
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4

Chemical:

Chemical Name:	DIE-CAST ACID BATH
United Nations/north America 4 Digit Class Number:	3260
Chemical Abstract Service Identifier Number:	7681381
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CAUSTIC ETCH AX-1897 BATH
Physical Description:	LIQUID
Case Number:	00000

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	NONE LISTED ON MSDS
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	1
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CAUSTIC ETCH AX-1897 BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	00000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	ANODIZE BATH
Physical Description:	LIQUID
Case Number:	7664939

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SULFURIC ACID
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ANODIZE BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7664939
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CHROMAX 4101 YL
Physical Description:	LIQUID
Case Number:	1333820

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	02
Max Amt Possessed During Year CD:	03
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	N
Description:	PLASTIC BOTTLE, JUG, BUCKET
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	20-49
Description Of The Avg Qnty Code:	10-19
Most Hazardous Ingridient:	CHROMIC ACID
United Nations/north America 4 Digit Class Number:	2922
Hazard Rank:	3
EHS Ingredient:	NITRIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Reactive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	4.4

Chemical:

Chemical Name:	CHROMAX 4101 YL
United Nations/north America 4 Digit Class Number:	2922
Chemical Abstract Service Identifier Number:	1333820
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Reactive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	4.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	CHILLER SYSTEM SOLUTION
Physical Description:	LIQUID
Case Number:	107211

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	R
Description:	OTHER
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	LESS THAN NORMAL TEMPERATURE BUT NOT CRYOGENIC
Temperature of The Hazardous Substance Code:	6
Temperature Description:	LESS THAN NORMAL TEMPERATURE BUT NOT CRYOGENIC
Temperature of The Hazardous Substance Code:	6
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ETHYLENE GLYCOL
United Nations/north America 4 Digit Class Number:	3082
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Combustible Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.5
Hazard Class 3 Of The Chemical:	6.4

Chemical:

Chemical Name:	CHILLER SYSTEM SOLUTION
United Nations/north America 4 Digit Class Number:	3082
Chemical Abstract Service Identifier Number:	107211
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Combustible Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.5
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	SCRUBBER TOWER SOLUTION
Physical Description:	LIQUID
Case Number:	1310732

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	1824
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	SCRUBBER TOWER SOLUTION
United Nations/north America 4 Digit Class Number:	1824
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	DI RESIN CANISTERS
Physical Description:	SOLID
Case Number:	000000

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	R
Description:	OTHER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	RESIN
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	DI RESIN CANISTERS
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	MACRO BRITE C-9
Physical Description:	SOLID
Case Number:	1333820

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	CHROMIC ACID
United Nations/north America 4 Digit Class Number:	1463
Hazard Rank:	3
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	MACRO BRITE C-9
United Nations/north America 4 Digit Class Number:	1463
Chemical Abstract Service Identifier Number:	1333820
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	ARCHITECTURAL BLACK SOLUTION
Physical Description:	LIQUID
Case Number:	7488553

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	351
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	STANNOUS SULFATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ARCHITECTURAL BLACK SOLUTION
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7488553
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CADMIUM ANODES
Physical Description:	SOLID
Case Number:	7440439

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	21
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	K
Description:	BOX
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5,000-9,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	CADMIUM
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CADMIUM ANODES
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7440439
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CADMIUM PLATING BATHS
Physical Description:	LIQUID
Case Number:	143339

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CADMIUM PLATING BATHS
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	143339
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	ANODIZING ALUMINUM SOAK CLEANER
Physical Description:	LIQUID
Case Number:	12179043

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	52
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM TETRABORATE PENTAHYDRATE
United Nations/north America 4 Digit Class Number:	1498
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ANODIZING ALUMINUM SOAK CLEANER
United Nations/north America 4 Digit Class Number:	1498
Chemical Abstract Service Identifier Number:	12179043
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	META-KLEEN HDS-40
Physical Description:	SOLID
Case Number:	1310732

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	I
Description:	FIBER DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	META-KLEEN HDS-40
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CAUSTIC BEADS
Physical Description:	SOLID
Case Number:	1310732

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	J
Temperature Description:	BAG
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	1823
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CAUSTIC BEADS
United Nations/north America 4 Digit Class Number:	1823
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CAUSTIC SODA SOLUTION
Physical Description:	LIQUID
Case Number:	1310732

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	E
Temperature Description:	PLASTIC OR NON-METALLIC DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	1824
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CAUSTIC SODA SOLUTION
United Nations/north America 4 Digit Class Number:	1824
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	CHROMATE BATHS
Physical Description:	LIQUID
Case Number:	1333820

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	21
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	E
Temperature Description:	PLASTIC OR NON-METALLIC DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5,000-9,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	CHROMIUM TRIOXIDE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NITRIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Oxidizers
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	5.1

Chemical:

Chemical Name:	CHROMATE BATHS
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	1333820
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Oxidizers
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	5.1
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	COPPER ANODES
Physical Description:	SOLID
Case Number:	7440508

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	30
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	K
Description:	BOX
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	10,000-49,999
Most Hazardous Ingridient:	COPPER
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	COPPER ANODES
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	7440508
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	COPPER CYANIDE
Physical Description:	SOLID
Case Number:	544923

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	F
Description:	CAN
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1587
Hazard Rank:	3
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1587
Chemical Abstract Service Identifier Number:	544923
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	COPPER CYANIDE BATH SOLUTION
Physical Description:	LIQUID
Case Number:	544923

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	3
EHS Ingredient:	SODIUM CYANIDE
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	COPPER CYANIDE BATH SOLUTION
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	544923
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	ACID COPPER BATH
Physical Description:	LIQUID
Case Number:	7758987

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	COPPER (II) SULFATE PENTAHYDRATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4

Chemical:

Chemical Name:	ACID COPPER BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7758987
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Facility ID:	004607
Department Or Division Of Company:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Extremely Hazardous Substance:	Not reported
Facility Has Written Emergency Plan:	Not reported
Contains 112R:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
Manager Name:	Not reported
Business Phone:	Not reported
Mailing Address:	Not reported
Mailing City:	Not reported
Mailing State:	Not reported
Mailing Zip:	Not reported
No. of Employees:	Not reported
Day Phone:	Not reported
Placard:	Not reported
Fire Dept Code:	Not reported
FD:	PORTLAND FIRE & RESCUE
Sprinkler System:	Not reported
Emergency Contact:	Not reported
Emergency Procedure:	Not reported
Business Type:	Not reported
Facility Type:	Private
Division/Department:	PLANT 4
Facility Status:	ACTIVE
Status TRI:	Inactive
Status RMP:	Active
Status PSM:	Active
Status CR2K:	Inactive
Status 302:	Inactive
Owner Name:	GARY REHNBERG
Latest Report ID:	28399
Case Number:	7440508
Chemical Name:	COPPER ANODES
EHS Name:	Not reported
Is Pure:	Yes
Is Mix:	No
Is EHS:	Not reported
Mixture Component:	Not reported
Maximum DailyAmount Code:	30
Maximum DailyAmount Unit:	lbs
Chemical Added Date:	08/30/2017
Is ChemPSM:	No
Is Chem112r:	No
Is Chem302:	No
Is Pesticide:	No
Is Fertilizer:	No
Physical State:	Solid
UNNA Number:	Not reported
NFPA Health:	Not reported
NFPA Flammability:	Not reported
NFPA Reactivity:	Not reported
NFPA Special Notice:	Not reported
Hazards:	Health Respiratory
No# of Days Onsite:	365
Latitude:	45.5091
Longitude:	-122.662

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility:

Chemical Name:	F006 FILTERCAKE
Physical Description:	SOLID
Case Number:	20427592
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	R
Description:	OTHER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	COPPER HYDROXIDE
United Nations/north America 4 Digit Class Number:	3077
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Chronic Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.4
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	F006 FILTERCAKE
United Nations/north America 4 Digit Class Number:	3077
Chemical Abstract Service Identifier Number:	20427592
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Chronic Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.4
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	HYDROCHLORIC ACID BATHS
Physical Description:	LIQUID
Case Number:	7647010
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	21
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	E
Temperature Description:	PLASTIC OR NON-METALLIC DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5,000-9,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	HYDROCHLORIC ACID
United Nations/north America 4 Digit Class Number:	1789
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	HYDROCHLORIC ACID BATHS
United Nations/north America 4 Digit Class Number:	1789
Chemical Abstract Service Identifier Number:	7647010
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	POTASSIUM CHLORIDE
Physical Description:	SOLID
Case Number:	7447407
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	J
Description:	BAG
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	POTASSIUM CHLORIDE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	4
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	POTASSIUM CHLORIDE
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7447407
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	Y
Pesticide:	N
Contains 313:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	POTASSIUM CYANIDE
Physical Description:	SOLID
Case Number:	151508
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	POTASSIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1680
Hazard Rank:	3
EHS Ingredient:	POTASSIUM CYANIDE
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	POTASSIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1680
Chemical Abstract Service Identifier Number:	151508
Chemical Is Extremely Hazardous Substance (EHS):	Y
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	SODIUM CYANIDE
Physical Description:	SOLID
Case Number:	143339
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	3
EHS Ingredient:	SODIUM CYANIDE
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	143339
Chemical Is Extremely Hazardous Substance (EHS):	Y
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	SULFURIC ACID 93%
Physical Description:	LIQUID
Case Number:	7664939
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	03
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	E
Description:	PLASTIC OR NON-METALLIC DRUM
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	20-49
Most Hazardous Ingridient:	SULFURIC ACID
United Nations/north America 4 Digit Class Number:	1830
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	SULFURIC ACID 93%
United Nations/north America 4 Digit Class Number:	1830
Chemical Abstract Service Identifier Number:	7664939
Chemical Is Extremely Hazardous Substance (EHS):	Y
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	WASTE CHROMIUM PROCESS
Physical Description:	LIQUID
Case Number:	7440473
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	CHROME COMPOUNDS
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	WASTE CHROMIUM PROCESS
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	7440473
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Y

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	WASTE CYANIDE PROCESS
Physical Description:	LIQUID
Case Number:	143339
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	WASTE CYANIDE PROCESS
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	143339
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	WASTE PROCESS MIXED
Physical Description:	LIQUID
Case Number:	Not reported
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	30
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	10,000-49,999
Most Hazardous Ingridient:	ZINC/CHROME/NICKEL
United Nations/north America 4 Digit Class Number:	3077
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	WASTE PROCESS MIXED
United Nations/north America 4 Digit Class Number:	3077
Chemical Abstract Service Identifier Number:	Not reported
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	ZINC ANODES
Physical Description:	SOLID
Case Number:	7440666
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	K
Description:	BOX
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ZINC
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	1
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ZINC ANODES
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	7440666
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	ZINC BATHS
Physical Description:	LIQUID
Case Number:	7646857
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ZINC CHLORIDE
United Nations/north America 4 Digit Class Number:	1840
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ZINC BATHS
United Nations/north America 4 Digit Class Number:	1840
Chemical Abstract Service Identifier Number:	7646857
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	ZINC CYANIDE
Physical Description:	SOLID
Case Number:	557211
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	ZINC CYANIDE
United Nations/north America 4 Digit Class Number:	1713
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ZINC CYANIDE
United Nations/north America 4 Digit Class Number:	1713
Chemical Abstract Service Identifier Number:	557211
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	META-KLEEN 58
Physical Description:	SOLID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	I
Description:	FIBER DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	3262
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	META-KLEEN 58
United Nations/north America 4 Digit Class Number:	3262
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	BRASS CYANIDE BATH SOLUTION
Physical Description:	LIQUID
Case Number:	544923
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	2
EHS Ingredient:	SODIUM CYANIDE
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	BRASS CYANIDE BATH SOLUTION
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	544923
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	HYDROCHLORIC ACID 31-33%
Physical Description:	LIQUID
Case Number:	7647010
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	HYDROGEN CHLORIDE
United Nations/north America 4 Digit Class Number:	1789
Hazard Rank:	2
EHS Ingredient:	HYDROGEN CHLORIDE
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	HYDROCHLORIC ACID 31-33%
United Nations/north America 4 Digit Class Number:	1789
Chemical Abstract Service Identifier Number:	7647010
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	BOILER CHEMICAL CONDENSATE
Physical Description:	LIQUID
Case Number:	110918
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	R
Description:	OTHER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	MORPHOLINE
United Nations/north America 4 Digit Class Number:	3267
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	BOILER CHEMICAL CONDENSATE
United Nations/north America 4 Digit Class Number:	3267
Chemical Abstract Service Identifier Number:	110918
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	ACID ETCH AX2050 BATH
Physical Description:	LIQUID
Case Number:	000000
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	AMMONIUM BIFLUORIDE
United Nations/north America 4 Digit Class Number:	1727
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ACID ETCH AX2050 BATH
United Nations/north America 4 Digit Class Number:	1727
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	CLEAR/COLOR SEAL BATH
Physical Description:	LIQUID
Case Number:	000000
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	NICKEL ACETATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CLEAR/COLOR SEAL BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	NITRIC SOUR BATH
Physical Description:	LIQUID
Case Number:	7697372
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	NITRIC ACID
United Nations/north America 4 Digit Class Number:	2031
Hazard Rank:	2
EHS Ingredient:	NITRIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Poisonous Material
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.1

Chemical:

Chemical Name:	NITRIC SOUR BATH
United Nations/north America 4 Digit Class Number:	2031
Chemical Abstract Service Identifier Number:	7697372
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Poisonous Material
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.1
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	DESMUT A-1714 BATH
Physical Description:	LIQUID
Case Number:	7775271
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	PERSULFATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	DESMUT A-1714 BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7775271
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	PHOSPHORIC ACID BATH
Physical Description:	LIQUID
Case Number:	7664382
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	PHOSPHORIC ACID
United Nations/north America 4 Digit Class Number:	1805
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	PHOSPHORIC ACID BATH
United Nations/north America 4 Digit Class Number:	1805
Chemical Abstract Service Identifier Number:	7664382
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	ANODIZING DYE BATHS
Physical Description:	LIQUID
Case Number:	127093
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM ACETATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Combustible Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	4.5

Chemical:

Chemical Name:	ANODIZING DYE BATHS
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	127093
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Combustible Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	4.5
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	DIE-CAST ACID BATH
Physical Description:	LIQUID
Case Number:	7681381
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	SODIUM BISULFATE
United Nations/north America 4 Digit Class Number:	3260
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4

Chemical:

Chemical Name:	DIE-CAST ACID BATH
United Nations/north America 4 Digit Class Number:	3260
Chemical Abstract Service Identifier Number:	7681381
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	CAUSTIC ETCH AX-1897 BATH
Physical Description:	LIQUID
Case Number:	00000
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	NONE LISTED ON MSDS
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	1
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CAUSTIC ETCH AX-1897 BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	00000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	ANODIZE BATH
Physical Description:	LIQUID
Case Number:	7664939
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SULFURIC ACID
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ANODIZE BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7664939
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	CHROMAX 4101 YL
Physical Description:	LIQUID
Case Number:	1333820
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	02
Max Amt Possessed During Year CD:	03
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	N
Description:	PLASTIC BOTTLE, JUG, BUCKET
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	20-49
Description Of The Avg Qnty Code:	10-19
Most Hazardous Ingridient:	CHROMIC ACID
United Nations/north America 4 Digit Class Number:	2922
Hazard Rank:	3
EHS Ingredient:	NITRIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Reactive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	4.4

Chemical:

Chemical Name:	CHROMAX 4101 YL
United Nations/north America 4 Digit Class Number:	2922
Chemical Abstract Service Identifier Number:	1333820
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Reactive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	4.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	CHILLER SYSTEM SOLUTION
Physical Description:	LIQUID
Case Number:	107211
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	R
Description:	OTHER
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	LESS THAN NORMAL TEMPERATURE BUT NOT CRYOGENIC
Temperature of The Hazardous Substance Code:	6
Temperature Description:	LESS THAN NORMAL TEMPERATURE BUT NOT CRYOGENIC
Temperature of The Hazardous Substance Code:	6
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ETHYLENE GLYCOL
United Nations/north America 4 Digit Class Number:	3082
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Combustible Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.5
Hazard Class 3 Of The Chemical:	6.4

Chemical:

Chemical Name:	CHILLER SYSTEM SOLUTION
United Nations/north America 4 Digit Class Number:	3082
Chemical Abstract Service Identifier Number:	107211
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Combustible Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.5
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	SCRUBBER TOWER SOLUTION
Physical Description:	LIQUID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	1824
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	SCRUBBER TOWER SOLUTION
United Nations/north America 4 Digit Class Number:	1824
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	DI RESIN CANISTERS
Physical Description:	SOLID
Case Number:	000000
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	R
Description:	OTHER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	RESIN
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	DI RESIN CANISTERS
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	MACRO BRITE C-9
Physical Description:	SOLID
Case Number:	1333820
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	CHROMIC ACID
United Nations/north America 4 Digit Class Number:	1463
Hazard Rank:	3
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	MACRO BRITE C-9
United Nations/north America 4 Digit Class Number:	1463
Chemical Abstract Service Identifier Number:	1333820
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	ARCHITECTURAL BLACK SOLUTION
Physical Description:	LIQUID
Case Number:	7488553
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	351
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	STANNOUS SULFATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ARCHITECTURAL BLACK SOLUTION
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7488553
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	CADMIUM ANODES
Physical Description:	SOLID
Case Number:	7440439
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	21
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	K
Description:	BOX
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5,000-9,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	CADMIUM
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CADMIUM ANODES
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7440439
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	CADMIUM PLATING BATHS
Physical Description:	LIQUID
Case Number:	143339
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CADMIUM PLATING BATHS
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	143339
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	ANODIZING ALUMINUM SOAK CLEANER
Physical Description:	LIQUID
Case Number:	12179043
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	52
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM TETRABORATE PENTAHYDRATE
United Nations/north America 4 Digit Class Number:	1498
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ANODIZING ALUMINUM SOAK CLEANER
United Nations/north America 4 Digit Class Number:	1498
Chemical Abstract Service Identifier Number:	12179043
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	META-KLEEN HDS-40
Physical Description:	SOLID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	I
Description:	FIBER DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	META-KLEEN HDS-40
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	CAUSTIC BEADS
Physical Description:	SOLID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	J
Temperature Description:	BAG
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	1823
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CAUSTIC BEADS
United Nations/north America 4 Digit Class Number:	1823
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	CAUSTIC SODA SOLUTION
Physical Description:	LIQUID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	E
Temperature Description:	PLASTIC OR NON-METALLIC DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	1824
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CAUSTIC SODA SOLUTION
United Nations/north America 4 Digit Class Number:	1824
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	CHROMATE BATHS
Physical Description:	LIQUID
Case Number:	1333820
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	21
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	E
Temperature Description:	PLASTIC OR NON-METALLIC DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5,000-9,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	CHROMIUM TRIOXIDE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NITRIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Oxidizers
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	5.1

Chemical:

Chemical Name:	CHROMATE BATHS
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	1333820
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Oxidizers
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	5.1
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	COPPER ANODES
Physical Description:	SOLID
Case Number:	7440508
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	30
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	K
Description:	BOX
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	10,000-49,999
Most Hazardous Ingridient:	COPPER
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	COPPER ANODES
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	7440508
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	COPPER CYANIDE
Physical Description:	SOLID
Case Number:	544923
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	F
Description:	CAN
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1587
Hazard Rank:	3
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1587
Chemical Abstract Service Identifier Number:	544923
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	COPPER CYANIDE BATH SOLUTION
Physical Description:	LIQUID
Case Number:	544923
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	3
EHS Ingredient:	SODIUM CYANIDE
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	COPPER CYANIDE BATH SOLUTION
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	544923
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	ACID COPPER BATH
Physical Description:	LIQUID
Case Number:	7758987
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	COPPER (II) SULFATE PENTAHYDRATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4

Chemical:

Chemical Name:	ACID COPPER BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7758987
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility ID:	004607
Department Or Division Of Company:	Not reported
Extremely Hazardous Substance:	Not reported
Facility Has Written Emergency Plan:	Not reported
Contains 112R:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
Manager Name:	Not reported
Business Phone:	Not reported
Mailing Address:	Not reported
Mailing City:	Not reported
Mailing State:	Not reported
Mailing Zip:	Not reported
No. of Employees:	Not reported
Day Phone:	Not reported
Placard:	Not reported
Fire Dept Code:	Not reported
FD:	PORTLAND FIRE & RESCUE
Sprinkler System:	Not reported
Emergency Contact:	Not reported
Emergency Procedure:	Not reported
Business Type:	Not reported
Facility Type:	Private
Division/Department:	PLANT 4
Facility Status:	ACTIVE
Status TRI:	Inactive
Status RMP:	Active
Status PSM:	Active
Status CR2K:	Inactive
Status 302:	Inactive
Owner Name:	GARY REHNBERG
Latest Report ID:	28399
Case Number:	7447407
Chemical Name:	POTASSIUM CHLORIDE
EHS Name:	Not reported
Is Pure:	Yes
Is Mix:	No
Is EHS:	Not reported
Mixture Component:	Not reported
Maximum DailyAmount Code:	20
Maximum DailyAmount Unit:	lbs
Chemical Added Date:	08/30/2017
Is ChemPSM:	No
Is Chem112r:	No
Is Chem302:	No
Is Pesticide:	No
Is Fertilizer:	Yes
Physical State:	Solid
UNNA Number:	0
NFPA Health:	1
NFPA Flammability:	0
NFPA Reactivity:	0
NFPA Special Notice:	Not reported
Hazards:	Health Respiratory
No# of Days Onsite:	365

EAST SIDE PLATING WORKS (Continued) **1000393917**

Latitude:	45.5091
Longitude:	-122.662

Facility:

Chemical Name:	F006 FILTERCAKE
Physical Description:	SOLID
Case Number:	20427592
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	R
Description:	OTHER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	COPPER HYDROXIDE
United Nations/north America 4 Digit Class Number:	3077
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Chronic Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.4
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	F006 FILTERCAKE
United Nations/north America 4 Digit Class Number:	3077
Chemical Abstract Service Identifier Number:	20427592
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Chronic Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.4
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	N
Contains 313:	Y
Chemical Name:	HYDROCHLORIC ACID BATHS
Physical Description:	LIQUID
Case Number:	7647010
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	21
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	E
Temperature Description:	PLASTIC OR NON-METALLIC DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5,000-9,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	HYDROCHLORIC ACID
United Nations/north America 4 Digit Class Number:	1789
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	HYDROCHLORIC ACID BATHS
United Nations/north America 4 Digit Class Number:	1789
Chemical Abstract Service Identifier Number:	7647010
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	N
Contains 313:	N
Chemical Name:	POTASSIUM CHLORIDE
Physical Description:	SOLID
Case Number:	7447407
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	J
Description:	BAG
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	POTASSIUM CHLORIDE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	4
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	POTASSIUM CHLORIDE
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7447407
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	Y

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	N
Contains 313:	N
Chemical Name:	POTASSIUM CYANIDE
Physical Description:	SOLID
Case Number:	151508
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	POTASSIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1680
Hazard Rank:	3
EHS Ingredient:	POTASSIUM CYANIDE
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	POTASSIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1680
Chemical Abstract Service Identifier Number:	151508
Chemical Is Extremely Hazardous Substance (EHS):	Y
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	N
Contains 313:	N
Chemical Name:	SODIUM CYANIDE
Physical Description:	SOLID
Case Number:	143339
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	3
EHS Ingredient:	SODIUM CYANIDE
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	143339
Chemical Is Extremely Hazardous Substance (EHS):	Y
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	N
Contains 313:	N
Chemical Name:	SULFURIC ACID 93%
Physical Description:	LIQUID
Case Number:	7664939
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	03
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	E
Description:	PLASTIC OR NON-METALLIC DRUM
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	20-49
Most Hazardous Ingridient:	SULFURIC ACID
United Nations/north America 4 Digit Class Number:	1830
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	SULFURIC ACID 93%
United Nations/north America 4 Digit Class Number:	1830
Chemical Abstract Service Identifier Number:	7664939
Chemical Is Extremely Hazardous Substance (EHS):	Y
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	N
Contains 313:	N
Chemical Name:	WASTE CHROMIUM PROCESS
Physical Description:	LIQUID
Case Number:	7440473
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	CHROME COMPOUNDS
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	WASTE CHROMIUM PROCESS
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	7440473
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	Not reported
Contains 313:	Y
Chemical Name:	WASTE CYANIDE PROCESS
Physical Description:	LIQUID
Case Number:	143339
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	WASTE CYANIDE PROCESS
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	143339
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	Not reported
Contains 313:	Not reported
Chemical Name:	WASTE PROCESS MIXED
Physical Description:	LIQUID
Case Number:	Not reported
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	30
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	10,000-49,999
Most Hazardous Ingridient:	ZINC/CHROME/NICKEL
United Nations/north America 4 Digit Class Number:	3077
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	WASTE PROCESS MIXED
United Nations/north America 4 Digit Class Number:	3077
Chemical Abstract Service Identifier Number:	Not reported
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	Not reported
Contains 313:	Not reported
Chemical Name:	ZINC ANODES
Physical Description:	SOLID
Case Number:	7440666
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	K
Description:	BOX
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ZINC
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	1
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ZINC ANODES
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	7440666
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	Not reported
Contains 313:	N
Chemical Name:	ZINC BATHS
Physical Description:	LIQUID
Case Number:	7646857
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ZINC CHLORIDE
United Nations/north America 4 Digit Class Number:	1840
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ZINC BATHS
United Nations/north America 4 Digit Class Number:	1840
Chemical Abstract Service Identifier Number:	7646857
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	Not reported
Contains 313:	Not reported
Chemical Name:	ZINC CYANIDE
Physical Description:	SOLID
Case Number:	557211
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	ZINC CYANIDE
United Nations/north America 4 Digit Class Number:	1713
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ZINC CYANIDE
United Nations/north America 4 Digit Class Number:	1713
Chemical Abstract Service Identifier Number:	557211
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	N
Contains 313:	N
Chemical Name:	META-KLEEN 58
Physical Description:	SOLID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	I
Description:	FIBER DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	3262
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	META-KLEEN 58
United Nations/north America 4 Digit Class Number:	3262
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	N
Contains 313:	N
Chemical Name:	BRASS CYANIDE BATH SOLUTION
Physical Description:	LIQUID
Case Number:	544923
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	2
EHS Ingredient:	SODIUM CYANIDE
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	BRASS CYANIDE BATH SOLUTION
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	544923
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	N
Contains 313:	Y
Chemical Name:	HYDROCHLORIC ACID 31-33%
Physical Description:	LIQUID
Case Number:	7647010
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	HYDROGEN CHLORIDE
United Nations/north America 4 Digit Class Number:	1789
Hazard Rank:	2
EHS Ingredient:	HYDROGEN CHLORIDE
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	HYDROCHLORIC ACID 31-33%
United Nations/north America 4 Digit Class Number:	1789
Chemical Abstract Service Identifier Number:	7647010
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	N
Contains 313:	Y
Chemical Name:	BOILER CHEMICAL CONDENSATE
Physical Description:	LIQUID
Case Number:	110918
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	R
Description:	OTHER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	MORPHOLINE
United Nations/north America 4 Digit Class Number:	3267
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	BOILER CHEMICAL CONDENSATE
United Nations/north America 4 Digit Class Number:	3267
Chemical Abstract Service Identifier Number:	110918
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	N
Contains 313:	N

Chemical Name:	ACID ETCH AX2050 BATH
Physical Description:	LIQUID
Case Number:	000000
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	AMMONIUM BIFLUORIDE
United Nations/north America 4 Digit Class Number:	1727
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ACID ETCH AX2050 BATH
United Nations/north America 4 Digit Class Number:	1727
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	N
Contains 313:	N
Chemical Name:	CLEAR/COLOR SEAL BATH
Physical Description:	LIQUID
Case Number:	000000
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	NICKEL ACETATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CLEAR/COLOR SEAL BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	N
Contains 313:	Y
Chemical Name:	NITRIC SOUR BATH
Physical Description:	LIQUID
Case Number:	7697372
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	NITRIC ACID
United Nations/north America 4 Digit Class Number:	2031
Hazard Rank:	2
EHS Ingredient:	NITRIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Poisonous Material
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.1

Chemical:

Chemical Name:	NITRIC SOUR BATH
United Nations/north America 4 Digit Class Number:	2031
Chemical Abstract Service Identifier Number:	7697372
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Poisonous Material
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.1
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	N
Contains 313:	Y
Chemical Name:	DESMUT A-1714 BATH
Physical Description:	LIQUID
Case Number:	7775271
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	PERSULFATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	DESMUT A-1714 BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7775271
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	N
Contains 313:	N
Chemical Name:	PHOSPHORIC ACID BATH
Physical Description:	LIQUID
Case Number:	7664382
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	PHOSPHORIC ACID
United Nations/north America 4 Digit Class Number:	1805
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	PHOSPHORIC ACID BATH
United Nations/north America 4 Digit Class Number:	1805
Chemical Abstract Service Identifier Number:	7664382
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	N
Contains 313:	N
Chemical Name:	ANODIZING DYE BATHS
Physical Description:	LIQUID
Case Number:	127093
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM ACETATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Combustible Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	4.5

Chemical:

Chemical Name:	ANODIZING DYE BATHS
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	127093
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Combustible Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	4.5
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	N
Contains 313:	Y
Chemical Name:	DIE-CAST ACID BATH
Physical Description:	LIQUID
Case Number:	7681381
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	SODIUM BISULFATE
United Nations/north America 4 Digit Class Number:	3260
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4

Chemical:

Chemical Name:	DIE-CAST ACID BATH
United Nations/north America 4 Digit Class Number:	3260
Chemical Abstract Service Identifier Number:	7681381
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	N
Contains 313:	N
Chemical Name:	CAUSTIC ETCH AX-1897 BATH
Physical Description:	LIQUID
Case Number:	00000
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	NONE LISTED ON MSDS
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	1
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CAUSTIC ETCH AX-1897 BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	00000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	N
Contains 313:	N
Chemical Name:	ANODIZE BATH
Physical Description:	LIQUID
Case Number:	7664939
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SULFURIC ACID
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ANODIZE BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7664939
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	N
Contains 313:	N
Chemical Name:	CHROMAX 4101 YL
Physical Description:	LIQUID
Case Number:	1333820
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	02
Max Amt Possessed During Year CD:	03
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	N
Description:	PLASTIC BOTTLE, JUG, BUCKET
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	20-49
Description Of The Avg Qnty Code:	10-19
Most Hazardous Ingridient:	CHROMIC ACID
United Nations/north America 4 Digit Class Number:	2922
Hazard Rank:	3
EHS Ingredient:	NITRIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Reactive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	4.4

Chemical:

Chemical Name:	CHROMAX 4101 YL
United Nations/north America 4 Digit Class Number:	2922
Chemical Abstract Service Identifier Number:	1333820
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Reactive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	4.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	N
Contains 313:	Y
Chemical Name:	CHILLER SYSTEM SOLUTION
Physical Description:	LIQUID
Case Number:	107211
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	R
Description:	OTHER
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	LESS THAN NORMAL TEMPERATURE BUT NOT CRYOGENIC
Temperature of The Hazardous Substance Code:	6
Temperature Description:	LESS THAN NORMAL TEMPERATURE BUT NOT CRYOGENIC
Temperature of The Hazardous Substance Code:	6
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ETHYLENE GLYCOL
United Nations/north America 4 Digit Class Number:	3082
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Combustible Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.5
Hazard Class 3 Of The Chemical:	6.4

Chemical:

Chemical Name:	CHILLER SYSTEM SOLUTION
United Nations/north America 4 Digit Class Number:	3082
Chemical Abstract Service Identifier Number:	107211
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Combustible Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.5
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	N
Contains 313:	Y
Chemical Name:	SCRUBBER TOWER SOLUTION
Physical Description:	LIQUID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	1824
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	SCRUBBER TOWER SOLUTION
United Nations/north America 4 Digit Class Number:	1824
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	N
Contains 313:	N
Chemical Name:	DI RESIN CANISTERS
Physical Description:	SOLID
Case Number:	000000
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	R
Description:	OTHER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	RESIN
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	DI RESIN CANISTERS
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	N
Contains 313:	N
Chemical Name:	MACRO BRITE C-9
Physical Description:	SOLID
Case Number:	1333820
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	CHROMIC ACID
United Nations/north America 4 Digit Class Number:	1463
Hazard Rank:	3
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	MACRO BRITE C-9
United Nations/north America 4 Digit Class Number:	1463
Chemical Abstract Service Identifier Number:	1333820
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	N
Contains 313:	N
Chemical Name:	ARCHITECTURAL BLACK SOLUTION
Physical Description:	LIQUID
Case Number:	7488553
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	351
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	STANNOUS SULFATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ARCHITECTURAL BLACK SOLUTION
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7488553
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	N
Contains 313:	N
Chemical Name:	CADMIUM ANODES
Physical Description:	SOLID
Case Number:	7440439
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	21
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	K
Description:	BOX
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5,000-9,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	CADMIUM
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CADMIUM ANODES
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7440439
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	N
Contains 313:	N
Chemical Name:	CADMIUM PLATING BATHS
Physical Description:	LIQUID
Case Number:	143339
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CADMIUM PLATING BATHS
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	143339
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	Not reported
Contains 313:	Not reported
Chemical Name:	ANODIZING ALUMINUM SOAK CLEANER
Physical Description:	LIQUID
Case Number:	12179043
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	52
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM TETRABORATE PENTAHYDRATE
United Nations/north America 4 Digit Class Number:	1498
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ANODIZING ALUMINUM SOAK CLEANER
United Nations/north America 4 Digit Class Number:	1498
Chemical Abstract Service Identifier Number:	12179043
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	N
Contains 313:	Y
Chemical Name:	META-KLEEN HDS-40
Physical Description:	SOLID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	I
Description:	FIBER DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	META-KLEEN HDS-40
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	N
Contains 313:	N
Chemical Name:	CAUSTIC BEADS
Physical Description:	SOLID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	J
Temperature Description:	BAG
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	1823
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CAUSTIC BEADS
United Nations/north America 4 Digit Class Number:	1823
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	N
Contains 313:	N
Chemical Name:	CAUSTIC SODA SOLUTION
Physical Description:	LIQUID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	E
Temperature Description:	PLASTIC OR NON-METALLIC DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	1824
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CAUSTIC SODA SOLUTION
United Nations/north America 4 Digit Class Number:	1824
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	CHROMATE BATHS
Physical Description:	LIQUID
Case Number:	1333820
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	21
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	E
Temperature Description:	PLASTIC OR NON-METALLIC DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5,000-9,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	CHROMIUM TRIOXIDE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NITRIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Oxidizers
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	5.1

Chemical:

Chemical Name:	CHROMATE BATHS
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	1333820
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Oxidizers
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	5.1
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	N
Contains 313:	Y
Chemical Name:	COPPER ANODES
Physical Description:	SOLID
Case Number:	7440508
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	30
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	K
Description:	BOX
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	10,000-49,999
Most Hazardous Ingridient:	COPPER
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	COPPER ANODES
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	7440508
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	N
Contains 313:	N

Chemical Name:	COPPER CYANIDE
Physical Description:	SOLID
Case Number:	544923
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	F
Description:	CAN
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1587
Hazard Rank:	3
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1587
Chemical Abstract Service Identifier Number:	544923
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	N
Contains 313:	Y
Chemical Name:	COPPER CYANIDE BATH SOLUTION
Physical Description:	LIQUID
Case Number:	544923
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	3
EHS Ingredient:	SODIUM CYANIDE
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	COPPER CYANIDE BATH SOLUTION
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	544923
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	N
Contains 313:	Y
Chemical Name:	ACID COPPER BATH
Physical Description:	LIQUID
Case Number:	7758987
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	COPPER (II) SULFATE PENTAHYDRATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4

Chemical:

Chemical Name:	ACID COPPER BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7758987
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	N
Contains 313:	Y
Facility ID:	004607
Department Or Division Of Company:	Not reported
Extremely Hazardous Substance:	Not reported
Facility Has Written Emergency Plan:	Not reported
Contains 112R:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
Manager Name:	Not reported
Business Phone:	Not reported
Mailing Address:	Not reported
Mailing City:	Not reported
Mailing State:	Not reported
Mailing Zip:	Not reported
No. of Employees:	Not reported
Day Phone:	Not reported
Placard:	Not reported
Fire Dept Code:	Not reported
FD:	PORTLAND FIRE & RESCUE
Sprinkler System:	Not reported
Emergency Contact:	Not reported
Emergency Procedure:	Not reported
Business Type:	Not reported
Facility Type:	Private
Division/Department:	PLANT 4
Facility Status:	ACTIVE
Status TRI:	Inactive
Status RMP:	Active
Status PSM:	Active
Status CR2K:	Inactive
Status 302:	Inactive
Owner Name:	GARY REHNBERG
Latest Report ID:	28399
Case Number:	N/A
Chemical Name:	SULFURIC ACID 93%
EHS Name:	SULFURIC ACID
Is Pure:	Yes
Is Mix:	No
Is EHS:	Not reported
Mixture Component:	Not reported
Maximum DailyAmount Code:	4
Maximum DailyAmount Unit:	gal
Chemical Added Date:	08/30/2017
Is ChemPSM:	No
Is Chem112r:	No
Is Chem302:	Yes
Is Pesticide:	No
Is Fertilizer:	No
Physical State:	Liquid
UNNA Number:	1830
NFPA Health:	3

EAST SIDE PLATING WORKS (Continued) **1000393917**

NFPA Flammability:	0
NFPA Reactivity:	2
NFPA Special Notice:	N/A
Hazards:	Health Acute, Health Carcinogenicity, Health SeriousEye, Health SkinCorrosion, Physical Corrosive
No# of Days Onsite:	365
Latitude:	45.5091
Longitude:	-122.662

Facility:

Chemical Name:	F006 FILTERCAKE
Physical Description:	SOLID
Case Number:	20427592
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	R
Description:	OTHER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	COPPER HYDROXIDE
United Nations/north America 4 Digit Class Number:	3077
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Chronic Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.4
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	F006 FILTERCAKE
United Nations/north America 4 Digit Class Number:	3077
Chemical Abstract Service Identifier Number:	20427592
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Chronic Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.4
Hazard Class 2 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	HYDROCHLORIC ACID BATHS
Physical Description:	LIQUID
Case Number:	7647010
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	21
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	E
Temperature Description:	PLASTIC OR NON-METALLIC DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5,000-9,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	HYDROCHLORIC ACID
United Nations/north America 4 Digit Class Number:	1789
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	HYDROCHLORIC ACID BATHS
United Nations/north America 4 Digit Class Number:	1789
Chemical Abstract Service Identifier Number:	7647010
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	POTASSIUM CHLORIDE
Physical Description:	SOLID
Case Number:	7447407
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	J
Description:	BAG
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	POTASSIUM CHLORIDE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	4
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	POTASSIUM CHLORIDE
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7447407
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	Y
Pesticide:	N
Contains 313:	N

Chemical Name:	POTASSIUM CYANIDE
Physical Description:	SOLID
Case Number:	151508
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	POTASSIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1680
Hazard Rank:	3
EHS Ingredient:	POTASSIUM CYANIDE
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	POTASSIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1680
Chemical Abstract Service Identifier Number:	151508
Chemical Is Extremely Hazardous Substance (EHS):	Y
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0

EAST SIDE PLATING WORKS (Continued) **1000393917**

Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	SODIUM CYANIDE
Physical Description:	SOLID
Case Number:	143339
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	3
EHS Ingredient:	SODIUM CYANIDE
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	143339
Chemical Is Extremely Hazardous Substance (EHS):	Y
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4

EAST SIDE PLATING WORKS (Continued) **1000393917**

Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	SULFURIC ACID 93%
Physical Description:	LIQUID
Case Number:	7664939
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	03
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	E
Description:	PLASTIC OR NON-METALLIC DRUM
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	20-49
Most Hazardous Ingridient:	SULFURIC ACID
United Nations/north America 4 Digit Class Number:	1830
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	SULFURIC ACID 93%
United Nations/north America 4 Digit Class Number:	1830
Chemical Abstract Service Identifier Number:	7664939
Chemical Is Extremely Hazardous Substance (EHS):	Y
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.4

EAST SIDE PLATING WORKS (Continued) **1000393917**

Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	WASTE CHROMIUM PROCESS
Physical Description:	LIQUID
Case Number:	7440473
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	CHROME COMPOUNDS
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	WASTE CHROMIUM PROCESS
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	7440473
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Y

Chemical Name:	WASTE CYANIDE PROCESS
Physical Description:	LIQUID
Case Number:	143339
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	WASTE CYANIDE PROCESS
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	143339
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	WASTE PROCESS MIXED
Physical Description:	LIQUID
Case Number:	Not reported
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	30
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	10,000-49,999
Most Hazardous Ingridient:	ZINC/CHROME/NICKEL
United Nations/north America 4 Digit Class Number:	3077
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	WASTE PROCESS MIXED
United Nations/north America 4 Digit Class Number:	3077
Chemical Abstract Service Identifier Number:	Not reported
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	ZINC ANODES
Physical Description:	SOLID
Case Number:	7440666
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	K
Description:	BOX
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ZINC
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	1
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ZINC ANODES
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	7440666
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	N

Chemical Name:	ZINC BATHS
Physical Description:	LIQUID
Case Number:	7646857
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ZINC CHLORIDE
United Nations/north America 4 Digit Class Number:	1840
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ZINC BATHS
United Nations/north America 4 Digit Class Number:	1840
Chemical Abstract Service Identifier Number:	7646857
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	ZINC CYANIDE
Physical Description:	SOLID
Case Number:	557211
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	ZINC CYANIDE
United Nations/north America 4 Digit Class Number:	1713
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ZINC CYANIDE
United Nations/north America 4 Digit Class Number:	1713
Chemical Abstract Service Identifier Number:	557211
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0

EAST SIDE PLATING WORKS (Continued) **1000393917**

Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	META-KLEEN 58
Physical Description:	SOLID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	I
Description:	FIBER DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	3262
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	META-KLEEN 58
United Nations/north America 4 Digit Class Number:	3262
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0

EAST SIDE PLATING WORKS (Continued) **1000393917**

Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	BRASS CYANIDE BATH SOLUTION
Physical Description:	LIQUID
Case Number:	544923
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	2
EHS Ingredient:	SODIUM CYANIDE
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	BRASS CYANIDE BATH SOLUTION
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	544923
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4

EAST SIDE PLATING WORKS (Continued) **1000393917**

Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	HYDROCHLORIC ACID 31-33%
Physical Description:	LIQUID
Case Number:	7647010
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	HYDROGEN CHLORIDE
United Nations/north America 4 Digit Class Number:	1789
Hazard Rank:	2
EHS Ingredient:	HYDROGEN CHLORIDE
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	HYDROCHLORIC ACID 31-33%
United Nations/north America 4 Digit Class Number:	1789
Chemical Abstract Service Identifier Number:	7647010
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0

EAST SIDE PLATING WORKS (Continued) **1000393917**

Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	BOILER CHEMICAL CONDENSATE
Physical Description:	LIQUID
Case Number:	110918
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	R
Description:	OTHER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	MORPHOLINE
United Nations/north America 4 Digit Class Number:	3267
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	BOILER CHEMICAL CONDENSATE
United Nations/north America 4 Digit Class Number:	3267
Chemical Abstract Service Identifier Number:	110918
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	8.0

EAST SIDE PLATING WORKS (Continued) **1000393917**

Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	ACID ETCH AX2050 BATH
Physical Description:	LIQUID
Case Number:	000000
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	AMMONIUM BIFLUORIDE
United Nations/north America 4 Digit Class Number:	1727
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ACID ETCH AX2050 BATH
United Nations/north America 4 Digit Class Number:	1727
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0

EAST SIDE PLATING WORKS (Continued) **1000393917**

Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CLEAR/COLOR SEAL BATH
Physical Description:	LIQUID
Case Number:	000000
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	NICKEL ACETATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CLEAR/COLOR SEAL BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4

EAST SIDE PLATING WORKS (Continued) **1000393917**

Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	NITRIC SOUR BATH
Physical Description:	LIQUID
Case Number:	7697372
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	NITRIC ACID
United Nations/north America 4 Digit Class Number:	2031
Hazard Rank:	2
EHS Ingredient:	NITRIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Poisonous Material
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.1

Chemical:

Chemical Name:	NITRIC SOUR BATH
United Nations/north America 4 Digit Class Number:	2031
Chemical Abstract Service Identifier Number:	7697372
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Poisonous Material
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	8.0

EAST SIDE PLATING WORKS (Continued) **1000393917**

Hazard Class 3 Of The Chemical:	6.1
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	DESMUT A-1714 BATH
Physical Description:	LIQUID
Case Number:	7775271
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	PERSULFATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	DESMUT A-1714 BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7775271
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	5.1

EAST SIDE PLATING WORKS (Continued) **1000393917**

Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	PHOSPHORIC ACID BATH
Physical Description:	LIQUID
Case Number:	7664382
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	PHOSPHORIC ACID
United Nations/north America 4 Digit Class Number:	1805
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	PHOSPHORIC ACID BATH
United Nations/north America 4 Digit Class Number:	1805
Chemical Abstract Service Identifier Number:	7664382
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0

EAST SIDE PLATING WORKS (Continued) **1000393917**

Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	ANODIZING DYE BATHS
Physical Description:	LIQUID
Case Number:	127093
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM ACETATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Combustible Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	4.5

Chemical:

Chemical Name:	ANODIZING DYE BATHS
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	127093
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Combustible Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4

EAST SIDE PLATING WORKS (Continued) **1000393917**

Hazard Class 3 Of The Chemical:	4.5
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	DIE-CAST ACID BATH
Physical Description:	LIQUID
Case Number:	7681381
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	SODIUM BISULFATE
United Nations/north America 4 Digit Class Number:	3260
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4

Chemical:

Chemical Name:	DIE-CAST ACID BATH
United Nations/north America 4 Digit Class Number:	3260
Chemical Abstract Service Identifier Number:	7681381
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0

EAST SIDE PLATING WORKS (Continued) **1000393917**

Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CAUSTIC ETCH AX-1897 BATH
Physical Description:	LIQUID
Case Number:	00000
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	NONE LISTED ON MSDS
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	1
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CAUSTIC ETCH AX-1897 BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	00000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	ANODIZE BATH
Physical Description:	LIQUID
Case Number:	7664939
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SULFURIC ACID
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ANODIZE BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7664939
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CHROMAX 4101 YL
Physical Description:	LIQUID
Case Number:	1333820
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	02
Max Amt Possessed During Year CD:	03
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	N
Description:	PLASTIC BOTTLE, JUG, BUCKET
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	20-49
Description Of The Avg Qnty Code:	10-19
Most Hazardous Ingridient:	CHROMIC ACID
United Nations/north America 4 Digit Class Number:	2922
Hazard Rank:	3
EHS Ingredient:	NITRIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Reactive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	4.4

Chemical:

Chemical Name:	CHROMAX 4101 YL
United Nations/north America 4 Digit Class Number:	2922
Chemical Abstract Service Identifier Number:	1333820
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Reactive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0

EAST SIDE PLATING WORKS (Continued) **1000393917**

Hazard Class 3 Of The Chemical:	4.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	CHILLER SYSTEM SOLUTION
Physical Description:	LIQUID
Case Number:	107211
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	R
Description:	OTHER
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	LESS THAN NORMAL TEMPERATURE BUT NOT CRYOGENIC
Temperature of The Hazardous Substance Code:	6
Temperature Description:	LESS THAN NORMAL TEMPERATURE BUT NOT CRYOGENIC
Temperature of The Hazardous Substance Code:	6
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ETHYLENE GLYCOL
United Nations/north America 4 Digit Class Number:	3082
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Combustible Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.5
Hazard Class 3 Of The Chemical:	6.4

Chemical:

Chemical Name:	CHILLER SYSTEM SOLUTION
United Nations/north America 4 Digit Class Number:	3082
Chemical Abstract Service Identifier Number:	107211
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Combustible Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.5

EAST SIDE PLATING WORKS (Continued) **1000393917**

Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	SCRUBBER TOWER SOLUTION
Physical Description:	LIQUID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	1824
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	SCRUBBER TOWER SOLUTION
United Nations/north America 4 Digit Class Number:	1824
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	DI RESIN CANISTERS
Physical Description:	SOLID
Case Number:	000000
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	R
Description:	OTHER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	RESIN
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	DI RESIN CANISTERS
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0

EAST SIDE PLATING WORKS (Continued) **1000393917**

Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	MACRO BRITE C-9
Physical Description:	SOLID
Case Number:	1333820
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	CHROMIC ACID
United Nations/north America 4 Digit Class Number:	1463
Hazard Rank:	3
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	MACRO BRITE C-9
United Nations/north America 4 Digit Class Number:	1463
Chemical Abstract Service Identifier Number:	1333820
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	5.1

EAST SIDE PLATING WORKS (Continued) **1000393917**

Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	ARCHITECTURAL BLACK SOLUTION
Physical Description:	LIQUID
Case Number:	7488553
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	351
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	STANNOUS SULFATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ARCHITECTURAL BLACK SOLUTION
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7488553
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0

EAST SIDE PLATING WORKS (Continued) **1000393917**

Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CADMIUM ANODES
Physical Description:	SOLID
Case Number:	7440439
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	21
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	K
Description:	BOX
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5,000-9,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	CADMIUM
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CADMIUM ANODES
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7440439
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CADMIUM PLATING BATHS
Physical Description:	LIQUID
Case Number:	143339
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CADMIUM PLATING BATHS
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	143339
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	ANODIZING ALUMINUM SOAK CLEANER
Physical Description:	LIQUID
Case Number:	12179043
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	52
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM TETRABORATE PENTAHYDRATE
United Nations/north America 4 Digit Class Number:	1498
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ANODIZING ALUMINUM SOAK CLEANER
United Nations/north America 4 Digit Class Number:	1498
Chemical Abstract Service Identifier Number:	12179043
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	5.1

EAST SIDE PLATING WORKS (Continued) **1000393917**

Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	META-KLEEN HDS-40
Physical Description:	SOLID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	I
Description:	FIBER DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	META-KLEEN HDS-40
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0

EAST SIDE PLATING WORKS (Continued) **1000393917**

Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CAUSTIC BEADS
Physical Description:	SOLID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	J
Temperature Description:	BAG
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	1823
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CAUSTIC BEADS
United Nations/north America 4 Digit Class Number:	1823
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0

EAST SIDE PLATING WORKS (Continued) **1000393917**

Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CAUSTIC SODA SOLUTION
Physical Description:	LIQUID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	E
Temperature Description:	PLASTIC OR NON-METALLIC DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	1824
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CAUSTIC SODA SOLUTION
United Nations/north America 4 Digit Class Number:	1824
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	6.3

EAST SIDE PLATING WORKS (Continued) **1000393917**

Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	CHROMATE BATHS
Physical Description:	LIQUID
Case Number:	1333820
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	21
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	E
Temperature Description:	PLASTIC OR NON-METALLIC DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5,000-9,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	CHROMIUM TRIOXIDE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NITRIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Oxidizers
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	5.1

Chemical:

Chemical Name:	CHROMATE BATHS
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	1333820
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Oxidizers
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0

EAST SIDE PLATING WORKS (Continued) **1000393917**

Hazard Class 3 Of The Chemical:	5.1
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	COPPER ANODES
Physical Description:	SOLID
Case Number:	7440508
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	30
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	K
Description:	BOX
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	10,000-49,999
Most Hazardous Ingridient:	COPPER
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	COPPER ANODES
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	7440508
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4

EAST SIDE PLATING WORKS (Continued) **1000393917**

Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	COPPER CYANIDE
Physical Description:	SOLID
Case Number:	544923
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	F
Description:	CAN
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1587
Hazard Rank:	3
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1587
Chemical Abstract Service Identifier Number:	544923
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	COPPER CYANIDE BATH SOLUTION
Physical Description:	LIQUID
Case Number:	544923
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	3
EHS Ingredient:	SODIUM CYANIDE
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	COPPER CYANIDE BATH SOLUTION
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	544923
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4

EAST SIDE PLATING WORKS (Continued) **1000393917**

Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	ACID COPPER BATH
Physical Description:	LIQUID
Case Number:	7758987
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	COPPER (II) SULFATE PENTAHYDRATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4

Chemical:

Chemical Name:	ACID COPPER BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7758987
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0

EAST SIDE PLATING WORKS (Continued) **1000393917**

Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Facility ID:	004607
Department Or Division Of Company:	Not reported
Extremely Hazardous Substance:	Not reported
Facility Has Written Emergency Plan:	Not reported
Contains 112R:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
Manager Name:	Not reported
Business Phone:	Not reported
Mailing Address:	Not reported
Mailing City:	Not reported
Mailing State:	Not reported
Mailing Zip:	Not reported
No. of Employees:	Not reported
Day Phone:	Not reported
Placard:	Not reported
Fire Dept Code:	Not reported
FD:	PORTLAND FIRE & RESCUE
Sprinkler System:	Not reported
Emergency Contact:	Not reported
Emergency Procedure:	Not reported
Business Type:	Not reported
Facility Type:	Private
Division/Department:	PLANT 4
Facility Status:	ACTIVE
Status TRI:	Inactive
Status RMP:	Active
Status PSM:	Active
Status CR2K:	Inactive
Status 302:	Inactive
Owner Name:	GARY REHNBERG
Latest Report ID:	28399
Case Number:	N/A
Chemical Name:	WASTE PROCESS MIXED
EHS Name:	Not reported
Is Pure:	No
Is Mix:	Yes
Is EHS:	Not reported
Mixture Component:	Not reported
Maximum DailyAmount Code:	30
Maximum DailyAmount Unit:	gal
Chemical Added Date:	08/30/2017
Is ChemPSM:	No
Is Chem112r:	No

EAST SIDE PLATING WORKS (Continued) **1000393917**

Is Chem302:	No
Is Pesticide:	No
Is Fertilizer:	No
Physical State:	Liquid
UNNA Number:	3077
NFPA Health:	0
NFPA Flammability:	0
NFPA Reactivity:	0
NFPA Special Notice:	N/A
Hazards:	Health SeriousEye, Health SkinCorrosion, Physical Corrosive
No# of Days Onsite:	365
Latitude:	45.5091
Longitude:	-122.662

Facility:

Chemical Name:	F006 FILTERCAKE
Physical Description:	SOLID
Case Number:	20427592
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	R
Description:	OTHER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	COPPER HYDROXIDE
United Nations/north America 4 Digit Class Number:	3077
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Chronic Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.4
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	F006 FILTERCAKE
United Nations/north America 4 Digit Class Number:	3077
Chemical Abstract Service Identifier Number:	20427592
Chemical Is Extremely Hazardous Substance (EHS):	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

First Hazardous Class Code For Chemical:	Chronic Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.4
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	HYDROCHLORIC ACID BATHS
Physical Description:	LIQUID
Case Number:	7647010
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	21
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	E
Temperature Description:	PLASTIC OR NON-METALLIC DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5,000-9,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	HYDROCHLORIC ACID
United Nations/north America 4 Digit Class Number:	1789
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	HYDROCHLORIC ACID BATHS
United Nations/north America 4 Digit Class Number:	1789
Chemical Abstract Service Identifier Number:	7647010
Chemical Is Extremely Hazardous Substance (EHS):	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	POTASSIUM CHLORIDE
Physical Description:	SOLID
Case Number:	7447407
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	J
Description:	BAG
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	POTASSIUM CHLORIDE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	4
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	POTASSIUM CHLORIDE
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7447407
Chemical Is Extremely Hazardous Substance (EHS):	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	Y
Pesticide:	N
Contains 313:	N

Chemical Name:	POTASSIUM CYANIDE
Physical Description:	SOLID
Case Number:	151508
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	POTASSIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1680
Hazard Rank:	3
EHS Ingredient:	POTASSIUM CYANIDE
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	POTASSIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1680
Chemical Abstract Service Identifier Number:	151508
Chemical Is Extremely Hazardous Substance (EHS):	Y

EAST SIDE PLATING WORKS (Continued) **1000393917**

First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	SODIUM CYANIDE
Physical Description:	SOLID
Case Number:	143339
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	3
EHS Ingredient:	SODIUM CYANIDE
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	143339
Chemical Is Extremely Hazardous Substance (EHS):	Y

EAST SIDE PLATING WORKS (Continued) **1000393917**

First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	SULFURIC ACID 93%
Physical Description:	LIQUID
Case Number:	7664939
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	03
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	E
Description:	PLASTIC OR NON-METALLIC DRUM
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	20-49
Most Hazardous Ingridient:	SULFURIC ACID
United Nations/north America 4 Digit Class Number:	1830
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	SULFURIC ACID 93%
United Nations/north America 4 Digit Class Number:	1830
Chemical Abstract Service Identifier Number:	7664939
Chemical Is Extremely Hazardous Substance (EHS):	Y

EAST SIDE PLATING WORKS (Continued) **1000393917**

First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	WASTE CHROMIUM PROCESS
Physical Description:	LIQUID
Case Number:	7440473
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	CHROME COMPOUNDS
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	WASTE CHROMIUM PROCESS
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	7440473
Chemical Is Extremely Hazardous Substance (EHS):	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Y

Chemical Name:	WASTE CYANIDE PROCESS
Physical Description:	LIQUID
Case Number:	143339
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	WASTE CYANIDE PROCESS
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	143339
Chemical Is Extremely Hazardous Substance (EHS):	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	WASTE PROCESS MIXED
Physical Description:	LIQUID
Case Number:	Not reported
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	30
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	10,000-49,999
Most Hazardous Ingridient:	ZINC/CHROME/NICKEL
United Nations/north America 4 Digit Class Number:	3077
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	WASTE PROCESS MIXED
United Nations/north America 4 Digit Class Number:	3077
Chemical Abstract Service Identifier Number:	Not reported
Chemical Is Extremely Hazardous Substance (EHS):	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	ZINC ANODES
Physical Description:	SOLID
Case Number:	7440666
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	K
Description:	BOX
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ZINC
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	1
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ZINC ANODES
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	7440666
Chemical Is Extremely Hazardous Substance (EHS):	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	N

Chemical Name:	ZINC BATHS
Physical Description:	LIQUID
Case Number:	7646857
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ZINC CHLORIDE
United Nations/north America 4 Digit Class Number:	1840
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ZINC BATHS
United Nations/north America 4 Digit Class Number:	1840
Chemical Abstract Service Identifier Number:	7646857
Chemical Is Extremely Hazardous Substance (EHS):	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	ZINC CYANIDE
Physical Description:	SOLID
Case Number:	557211
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	ZINC CYANIDE
United Nations/north America 4 Digit Class Number:	1713
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ZINC CYANIDE
United Nations/north America 4 Digit Class Number:	1713
Chemical Abstract Service Identifier Number:	557211
Chemical Is Extremely Hazardous Substance (EHS):	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	META-KLEEN 58
Physical Description:	SOLID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	I
Description:	FIBER DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	3262
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	META-KLEEN 58
United Nations/north America 4 Digit Class Number:	3262
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	BRASS CYANIDE BATH SOLUTION
Physical Description:	LIQUID
Case Number:	544923
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	2
EHS Ingredient:	SODIUM CYANIDE
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	BRASS CYANIDE BATH SOLUTION
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	544923
Chemical Is Extremely Hazardous Substance (EHS):	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	HYDROCHLORIC ACID 31-33%
Physical Description:	LIQUID
Case Number:	7647010
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	HYDROGEN CHLORIDE
United Nations/north America 4 Digit Class Number:	1789
Hazard Rank:	2
EHS Ingredient:	HYDROGEN CHLORIDE
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	HYDROCHLORIC ACID 31-33%
United Nations/north America 4 Digit Class Number:	1789
Chemical Abstract Service Identifier Number:	7647010
Chemical Is Extremely Hazardous Substance (EHS):	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	BOILER CHEMICAL CONDENSATE
Physical Description:	LIQUID
Case Number:	110918
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	R
Description:	OTHER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	MORPHOLINE
United Nations/north America 4 Digit Class Number:	3267
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	BOILER CHEMICAL CONDENSATE
United Nations/north America 4 Digit Class Number:	3267
Chemical Abstract Service Identifier Number:	110918
Chemical Is Extremely Hazardous Substance (EHS):	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	ACID ETCH AX2050 BATH
Physical Description:	LIQUID
Case Number:	000000
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	AMMONIUM BIFLUORIDE
United Nations/north America 4 Digit Class Number:	1727
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ACID ETCH AX2050 BATH
United Nations/north America 4 Digit Class Number:	1727
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CLEAR/COLOR SEAL BATH
Physical Description:	LIQUID
Case Number:	000000
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	NICKEL ACETATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CLEAR/COLOR SEAL BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	NITRIC SOUR BATH
Physical Description:	LIQUID
Case Number:	7697372
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	NITRIC ACID
United Nations/north America 4 Digit Class Number:	2031
Hazard Rank:	2
EHS Ingredient:	NITRIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Poisonous Material
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.1

Chemical:

Chemical Name:	NITRIC SOUR BATH
United Nations/north America 4 Digit Class Number:	2031
Chemical Abstract Service Identifier Number:	7697372
Chemical Is Extremely Hazardous Substance (EHS):	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Poisonous Material
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.1
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	DESMUT A-1714 BATH
Physical Description:	LIQUID
Case Number:	7775271
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	PERSULFATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	DESMUT A-1714 BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7775271
Chemical Is Extremely Hazardous Substance (EHS):	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	PHOSPHORIC ACID BATH
Physical Description:	LIQUID
Case Number:	7664382
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	PHOSPHORIC ACID
United Nations/north America 4 Digit Class Number:	1805
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	PHOSPHORIC ACID BATH
United Nations/north America 4 Digit Class Number:	1805
Chemical Abstract Service Identifier Number:	7664382
Chemical Is Extremely Hazardous Substance (EHS):	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	ANODIZING DYE BATHS
Physical Description:	LIQUID
Case Number:	127093
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM ACETATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Combustible Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	4.5

Chemical:

Chemical Name:	ANODIZING DYE BATHS
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	127093
Chemical Is Extremely Hazardous Substance (EHS):	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Combustible Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	4.5
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	DIE-CAST ACID BATH
Physical Description:	LIQUID
Case Number:	7681381
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	SODIUM BISULFATE
United Nations/north America 4 Digit Class Number:	3260
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4

Chemical:

Chemical Name:	DIE-CAST ACID BATH
United Nations/north America 4 Digit Class Number:	3260
Chemical Abstract Service Identifier Number:	7681381
Chemical Is Extremely Hazardous Substance (EHS):	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CAUSTIC ETCH AX-1897 BATH
Physical Description:	LIQUID
Case Number:	00000
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	NONE LISTED ON MSDS
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	1
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CAUSTIC ETCH AX-1897 BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	00000
Chemical Is Extremely Hazardous Substance (EHS):	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	ANODIZE BATH
Physical Description:	LIQUID
Case Number:	7664939
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SULFURIC ACID
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ANODIZE BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7664939
Chemical Is Extremely Hazardous Substance (EHS):	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CHROMAX 4101 YL
Physical Description:	LIQUID
Case Number:	1333820
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	02
Max Amt Possessed During Year CD:	03
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	N
Description:	PLASTIC BOTTLE, JUG, BUCKET
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	20-49
Description Of The Avg Qnty Code:	10-19
Most Hazardous Ingridient:	CHROMIC ACID
United Nations/north America 4 Digit Class Number:	2922
Hazard Rank:	3
EHS Ingredient:	NITRIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Reactive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	4.4

Chemical:

Chemical Name:	CHROMAX 4101 YL
United Nations/north America 4 Digit Class Number:	2922
Chemical Abstract Service Identifier Number:	1333820
Chemical Is Extremely Hazardous Substance (EHS):	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Reactive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	4.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	CHILLER SYSTEM SOLUTION
Physical Description:	LIQUID
Case Number:	107211
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	R
Description:	OTHER
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	LESS THAN NORMAL TEMPERATURE BUT NOT CRYOGENIC
Temperature of The Hazardous Substance Code:	6
Temperature Description:	LESS THAN NORMAL TEMPERATURE BUT NOT CRYOGENIC
Temperature of The Hazardous Substance Code:	6
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ETHYLENE GLYCOL
United Nations/north America 4 Digit Class Number:	3082
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Combustible Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.5
Hazard Class 3 Of The Chemical:	6.4

Chemical:

Chemical Name:	CHILLER SYSTEM SOLUTION
United Nations/north America 4 Digit Class Number:	3082
Chemical Abstract Service Identifier Number:	107211
Chemical Is Extremely Hazardous Substance (EHS):	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Combustible Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.5
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	SCRUBBER TOWER SOLUTION
Physical Description:	LIQUID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	1824
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	SCRUBBER TOWER SOLUTION
United Nations/north America 4 Digit Class Number:	1824
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	DI RESIN CANISTERS
Physical Description:	SOLID
Case Number:	000000
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	R
Description:	OTHER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	RESIN
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	DI RESIN CANISTERS
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	MACRO BRITE C-9
Physical Description:	SOLID
Case Number:	1333820
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	CHROMIC ACID
United Nations/north America 4 Digit Class Number:	1463
Hazard Rank:	3
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	MACRO BRITE C-9
United Nations/north America 4 Digit Class Number:	1463
Chemical Abstract Service Identifier Number:	1333820
Chemical Is Extremely Hazardous Substance (EHS):	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	ARCHITECTURAL BLACK SOLUTION
Physical Description:	LIQUID
Case Number:	7488553
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	351
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	STANNOUS SULFATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ARCHITECTURAL BLACK SOLUTION
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7488553
Chemical Is Extremely Hazardous Substance (EHS):	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CADMIUM ANODES
Physical Description:	SOLID
Case Number:	7440439
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	21
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	K
Description:	BOX
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5,000-9,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	CADMIUM
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CADMIUM ANODES
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7440439
Chemical Is Extremely Hazardous Substance (EHS):	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CADMIUM PLATING BATHS
Physical Description:	LIQUID
Case Number:	143339
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CADMIUM PLATING BATHS
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	143339
Chemical Is Extremely Hazardous Substance (EHS):	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	ANODIZING ALUMINUM SOAK CLEANER
Physical Description:	LIQUID
Case Number:	12179043
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	52
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM TETRABORATE PENTAHYDRATE
United Nations/north America 4 Digit Class Number:	1498
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ANODIZING ALUMINUM SOAK CLEANER
United Nations/north America 4 Digit Class Number:	1498
Chemical Abstract Service Identifier Number:	12179043
Chemical Is Extremely Hazardous Substance (EHS):	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	META-KLEEN HDS-40
Physical Description:	SOLID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	I
Description:	FIBER DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	META-KLEEN HDS-40
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CAUSTIC BEADS
Physical Description:	SOLID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	J
Temperature Description:	BAG
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	1823
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CAUSTIC BEADS
United Nations/north America 4 Digit Class Number:	1823
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CAUSTIC SODA SOLUTION
Physical Description:	LIQUID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	E
Temperature Description:	PLASTIC OR NON-METALLIC DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	1824
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CAUSTIC SODA SOLUTION
United Nations/north America 4 Digit Class Number:	1824
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	CHROMATE BATHS
Physical Description:	LIQUID
Case Number:	1333820
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	21
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	E
Temperature Description:	PLASTIC OR NON-METALLIC DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5,000-9,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	CHROMIUM TRIOXIDE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NITRIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Oxidizers
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	5.1

Chemical:

Chemical Name:	CHROMATE BATHS
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	1333820
Chemical Is Extremely Hazardous Substance (EHS):	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Oxidizers
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	5.1
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	COPPER ANODES
Physical Description:	SOLID
Case Number:	7440508
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	30
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	K
Description:	BOX
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	10,000-49,999
Most Hazardous Ingridient:	COPPER
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	COPPER ANODES
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	7440508
Chemical Is Extremely Hazardous Substance (EHS):	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	COPPER CYANIDE
Physical Description:	SOLID
Case Number:	544923
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	F
Description:	CAN
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1587
Hazard Rank:	3
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1587
Chemical Abstract Service Identifier Number:	544923
Chemical Is Extremely Hazardous Substance (EHS):	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	COPPER CYANIDE BATH SOLUTION
Physical Description:	LIQUID
Case Number:	544923
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	3
EHS Ingredient:	SODIUM CYANIDE
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	COPPER CYANIDE BATH SOLUTION
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	544923
Chemical Is Extremely Hazardous Substance (EHS):	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	ACID COPPER BATH
Physical Description:	LIQUID
Case Number:	7758987
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	COPPER (II) SULFATE PENTAHYDRATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4

Chemical:

Chemical Name:	ACID COPPER BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7758987
Chemical Is Extremely Hazardous Substance (EHS):	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Facility ID:	004607
Department Or Division Of Company:	Not reported
Extremely Hazardous Substance:	Not reported
Facility Has Written Emergency Plan:	Not reported
Contains 112R:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
Manager Name:	Not reported
Business Phone:	Not reported
Mailing Address:	Not reported
Mailing City:	Not reported
Mailing State:	Not reported
Mailing Zip:	Not reported
No. of Employees:	Not reported
Day Phone:	Not reported
Placard:	Not reported
Fire Dept Code:	Not reported
FD:	PORTLAND FIRE & RESCUE
Sprinkler System:	Not reported
Emergency Contact:	Not reported
Emergency Procedure:	Not reported
Business Type:	Not reported
Facility Type:	Private
Division/Department:	PLANT 4
Facility Status:	ACTIVE
Status TRI:	Inactive
Status RMP:	Active
Status PSM:	Active
Status CR2K:	Inactive
Status 302:	Inactive
Owner Name:	GARY REHNBERG
Latest Report ID:	28399
Case Number:	N/A
Chemical Name:	DI RESIN CANISTERS
EHS Name:	Not reported
Is Pure:	No
Is Mix:	Yes
Is EHS:	Not reported
Mixture Component:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Maximum DailyAmount Code:	11
Maximum DailyAmount Unit:	lbs
Chemical Added Date:	08/30/2017
Is ChemPSM:	No
Is Chem112r:	No
Is Chem302:	No
Is Pesticide:	No
Is Fertilizer:	No
Physical State:	Solid
UNNA Number:	0
NFPA Health:	Not reported
NFPA Flammability:	Not reported
NFPA Reactivity:	Not reported
NFPA Special Notice:	Not reported
Hazards:	Health SeriousEye
No# of Days Onsite:	365
Latitude:	45.5091
Longitude:	-122.662

Facility:

Chemical Name:	F006 FILTERCAKE
Physical Description:	SOLID
Case Number:	20427592
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	R
Description:	OTHER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	COPPER HYDROXIDE
United Nations/north America 4 Digit Class Number:	3077
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Chronic Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.4
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	F006 FILTERCAKE
United Nations/north America 4 Digit Class Number:	3077
Chemical Abstract Service Identifier Number:	20427592
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Chronic Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.4
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	HYDROCHLORIC ACID BATHS
Physical Description:	LIQUID
Case Number:	7647010
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	21
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	E
Temperature Description:	PLASTIC OR NON-METALLIC DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5,000-9,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	HYDROCHLORIC ACID
United Nations/north America 4 Digit Class Number:	1789
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	HYDROCHLORIC ACID BATHS
United Nations/north America 4 Digit Class Number:	1789
Chemical Abstract Service Identifier Number:	7647010
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	POTASSIUM CHLORIDE
Physical Description:	SOLID
Case Number:	7447407
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	J
Description:	BAG
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	POTASSIUM CHLORIDE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	4
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	POTASSIUM CHLORIDE
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7447407
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	Y
Pesticide:	N
Contains 313:	N

Chemical Name:	POTASSIUM CYANIDE
Physical Description:	SOLID
Case Number:	151508
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	POTASSIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1680
Hazard Rank:	3
EHS Ingredient:	POTASSIUM CYANIDE
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	POTASSIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1680
Chemical Abstract Service Identifier Number:	151508
Chemical Is Extremely Hazardous Substance (EHS):	Y
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	SODIUM CYANIDE
Physical Description:	SOLID
Case Number:	143339
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	3
EHS Ingredient:	SODIUM CYANIDE
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	143339
Chemical Is Extremely Hazardous Substance (EHS):	Y
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	SULFURIC ACID 93%
Physical Description:	LIQUID
Case Number:	7664939
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	03
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	E
Description:	PLASTIC OR NON-METALLIC DRUM
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	20-49
Most Hazardous Ingridient:	SULFURIC ACID
United Nations/north America 4 Digit Class Number:	1830
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	SULFURIC ACID 93%
United Nations/north America 4 Digit Class Number:	1830
Chemical Abstract Service Identifier Number:	7664939
Chemical Is Extremely Hazardous Substance (EHS):	Y
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	WASTE CHROMIUM PROCESS
Physical Description:	LIQUID
Case Number:	7440473
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	CHROME COMPOUNDS
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	WASTE CHROMIUM PROCESS
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	7440473
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Y

Chemical Name:	WASTE CYANIDE PROCESS
Physical Description:	LIQUID
Case Number:	143339
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	WASTE CYANIDE PROCESS
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	143339
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	WASTE PROCESS MIXED
Physical Description:	LIQUID
Case Number:	Not reported
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	30
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	10,000-49,999
Most Hazardous Ingridient:	ZINC/CHROME/NICKEL
United Nations/north America 4 Digit Class Number:	3077
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	WASTE PROCESS MIXED
United Nations/north America 4 Digit Class Number:	3077
Chemical Abstract Service Identifier Number:	Not reported
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	ZINC ANODES
Physical Description:	SOLID
Case Number:	7440666
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	K
Description:	BOX
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ZINC
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	1
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	ZINC ANODES
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	7440666
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	N

Chemical Name:	ZINC BATHS
Physical Description:	LIQUID
Case Number:	7646857
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ZINC CHLORIDE
United Nations/north America 4 Digit Class Number:	1840
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	ZINC BATHS
United Nations/north America 4 Digit Class Number:	1840
Chemical Abstract Service Identifier Number:	7646857
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	ZINC CYANIDE
Physical Description:	SOLID
Case Number:	557211
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	ZINC CYANIDE
United Nations/north America 4 Digit Class Number:	1713
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	ZINC CYANIDE
United Nations/north America 4 Digit Class Number:	1713
Chemical Abstract Service Identifier Number:	557211
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	META-KLEEN 58
Physical Description:	SOLID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	I
Description:	FIBER DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	3262
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	META-KLEEN 58
United Nations/north America 4 Digit Class Number:	3262
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	BRASS CYANIDE BATH SOLUTION
Physical Description:	LIQUID
Case Number:	544923
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	2
EHS Ingredient:	SODIUM CYANIDE
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	BRASS CYANIDE BATH SOLUTION
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	544923
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	HYDROCHLORIC ACID 31-33%
Physical Description:	LIQUID
Case Number:	7647010
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	HYDROGEN CHLORIDE
United Nations/north America 4 Digit Class Number:	1789
Hazard Rank:	2
EHS Ingredient:	HYDROGEN CHLORIDE
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	HYDROCHLORIC ACID 31-33%
United Nations/north America 4 Digit Class Number:	1789
Chemical Abstract Service Identifier Number:	7647010
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	BOILER CHEMICAL CONDENSATE
Physical Description:	LIQUID
Case Number:	110918
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	R
Description:	OTHER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	MORPHOLINE
United Nations/north America 4 Digit Class Number:	3267
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	BOILER CHEMICAL CONDENSATE
United Nations/north America 4 Digit Class Number:	3267
Chemical Abstract Service Identifier Number:	110918
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	ACID ETCH AX2050 BATH
Physical Description:	LIQUID
Case Number:	000000
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	AMMONIUM BIFLUORIDE
United Nations/north America 4 Digit Class Number:	1727
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	ACID ETCH AX2050 BATH
United Nations/north America 4 Digit Class Number:	1727
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CLEAR/COLOR SEAL BATH
Physical Description:	LIQUID
Case Number:	000000
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	NICKEL ACETATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	CLEAR/COLOR SEAL BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	NITRIC SOUR BATH
Physical Description:	LIQUID
Case Number:	7697372
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	NITRIC ACID
United Nations/north America 4 Digit Class Number:	2031
Hazard Rank:	2
EHS Ingredient:	NITRIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Poisonous Material
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.1

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	NITRIC SOUR BATH
United Nations/north America 4 Digit Class Number:	2031
Chemical Abstract Service Identifier Number:	7697372
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Poisonous Material
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.1
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	DESMUT A-1714 BATH
Physical Description:	LIQUID
Case Number:	7775271
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	PERSULFATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	DESMUT A-1714 BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7775271
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	PHOSPHORIC ACID BATH
Physical Description:	LIQUID
Case Number:	7664382
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	PHOSPHORIC ACID
United Nations/north America 4 Digit Class Number:	1805
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	PHOSPHORIC ACID BATH
United Nations/north America 4 Digit Class Number:	1805
Chemical Abstract Service Identifier Number:	7664382
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	ANODIZING DYE BATHS
Physical Description:	LIQUID
Case Number:	127093
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM ACETATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Combustible Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	4.5

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	ANODIZING DYE BATHS
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	127093
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Combustible Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	4.5
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	DIE-CAST ACID BATH
Physical Description:	LIQUID
Case Number:	7681381
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	SODIUM BISULFATE
United Nations/north America 4 Digit Class Number:	3260
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	DIE-CAST ACID BATH
United Nations/north America 4 Digit Class Number:	3260
Chemical Abstract Service Identifier Number:	7681381
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CAUSTIC ETCH AX-1897 BATH
Physical Description:	LIQUID
Case Number:	00000
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	NONE LISTED ON MSDS
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	1
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	CAUSTIC ETCH AX-1897 BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	00000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	ANODIZE BATH
Physical Description:	LIQUID
Case Number:	7664939
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SULFURIC ACID
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	ANODIZE BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7664939
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CHROMAX 4101 YL
Physical Description:	LIQUID
Case Number:	1333820
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	02
Max Amt Possessed During Year CD:	03
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	N
Description:	PLASTIC BOTTLE, JUG, BUCKET
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	20-49
Description Of The Avg Qnty Code:	10-19
Most Hazardous Ingridient:	CHROMIC ACID
United Nations/north America 4 Digit Class Number:	2922
Hazard Rank:	3
EHS Ingredient:	NITRIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Reactive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	4.4

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	CHROMAX 4101 YL
United Nations/north America 4 Digit Class Number:	2922
Chemical Abstract Service Identifier Number:	1333820
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Reactive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	4.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	CHILLER SYSTEM SOLUTION
Physical Description:	LIQUID
Case Number:	107211
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	R
Description:	OTHER
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	LESS THAN NORMAL TEMPERATURE BUT NOT CRYOGENIC
Temperature of The Hazardous Substance Code:	6
Temperature Description:	LESS THAN NORMAL TEMPERATURE BUT NOT CRYOGENIC
Temperature of The Hazardous Substance Code:	6
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ETHYLENE GLYCOL
United Nations/north America 4 Digit Class Number:	3082
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Combustible Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.5
Hazard Class 3 Of The Chemical:	6.4

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	CHILLER SYSTEM SOLUTION
United Nations/north America 4 Digit Class Number:	3082
Chemical Abstract Service Identifier Number:	107211
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Combustible Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.5
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	SCRUBBER TOWER SOLUTION
Physical Description:	LIQUID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	1824
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	SCRUBBER TOWER SOLUTION
United Nations/north America 4 Digit Class Number:	1824
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	DI RESIN CANISTERS
Physical Description:	SOLID
Case Number:	000000
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	R
Description:	OTHER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	RESIN
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	DI RESIN CANISTERS
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	MACRO BRITE C-9
Physical Description:	SOLID
Case Number:	1333820
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	CHROMIC ACID
United Nations/north America 4 Digit Class Number:	1463
Hazard Rank:	3
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	8.0

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	MACRO BRITE C-9
United Nations/north America 4 Digit Class Number:	1463
Chemical Abstract Service Identifier Number:	1333820
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	ARCHITECTURAL BLACK SOLUTION
Physical Description:	LIQUID
Case Number:	7488553
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	351
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	STANNOUS SULFATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	ARCHITECTURAL BLACK SOLUTION
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7488553
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CADMIUM ANODES
Physical Description:	SOLID
Case Number:	7440439
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	21
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	K
Description:	BOX
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5,000-9,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	CADMIUM
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	CADMIUM ANODES
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7440439
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CADMIUM PLATING BATHS
Physical Description:	LIQUID
Case Number:	143339
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	CADMIUM PLATING BATHS
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	143339
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	ANODIZING ALUMINUM SOAK CLEANER
Physical Description:	LIQUID
Case Number:	12179043
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	52
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM TETRABORATE PENTAHYDRATE
United Nations/north America 4 Digit Class Number:	1498
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	ANODIZING ALUMINUM SOAK CLEANER
United Nations/north America 4 Digit Class Number:	1498
Chemical Abstract Service Identifier Number:	12179043
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	META-KLEEN HDS-40
Physical Description:	SOLID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	I
Description:	FIBER DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	META-KLEEN HDS-40
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CAUSTIC BEADS
Physical Description:	SOLID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	J
Temperature Description:	BAG
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	1823
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	CAUSTIC BEADS
United Nations/north America 4 Digit Class Number:	1823
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CAUSTIC SODA SOLUTION
Physical Description:	LIQUID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	E
Temperature Description:	PLASTIC OR NON-METALLIC DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	1824
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	CAUSTIC SODA SOLUTION
United Nations/north America 4 Digit Class Number:	1824
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	CHROMATE BATHS
Physical Description:	LIQUID
Case Number:	1333820
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	21
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	E
Temperature Description:	PLASTIC OR NON-METALLIC DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5,000-9,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	CHROMIUM TRIOXIDE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NITRIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Oxidizers
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	5.1

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	CHROMATE BATHS
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	1333820
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Oxidizers
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	5.1
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	COPPER ANODES
Physical Description:	SOLID
Case Number:	7440508
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	30
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	K
Description:	BOX
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	10,000-49,999
Most Hazardous Ingridient:	COPPER
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	COPPER ANODES
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	7440508
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	COPPER CYANIDE
Physical Description:	SOLID
Case Number:	544923
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	F
Description:	CAN
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1587
Hazard Rank:	3
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1587
Chemical Abstract Service Identifier Number:	544923
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	COPPER CYANIDE BATH SOLUTION
Physical Description:	LIQUID
Case Number:	544923
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	3
EHS Ingredient:	SODIUM CYANIDE
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	COPPER CYANIDE BATH SOLUTION
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	544923
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	ACID COPPER BATH
Physical Description:	LIQUID
Case Number:	7758987
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	COPPER (II) SULFATE PENTAHYDRATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	ACID COPPER BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7758987
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Facility ID:	004607
Department Or Division Of Company:	Not reported
Extremely Hazardous Substance:	Not reported
Facility Has Written Emergency Plan:	Not reported
Contains 112R:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
Manager Name:	Not reported
Business Phone:	Not reported
Mailing Address:	Not reported
Mailing City:	Not reported
Mailing State:	Not reported
Mailing Zip:	Not reported
No. of Employees:	Not reported
Day Phone:	Not reported
Placard:	Not reported
Fire Dept Code:	Not reported
FD:	PORTLAND FIRE & RESCUE
Sprinkler System:	Not reported
Emergency Contact:	Not reported
Emergency Procedure:	Not reported
Business Type:	Not reported
Facility Type:	Private
Division/Department:	PLANT 4
Facility Status:	ACTIVE
Status TRI:	Inactive
Status RMP:	Active
Status PSM:	Active
Status CR2K:	Inactive
Status 302:	Inactive
Owner Name:	GARY REHNBERG
Latest Report ID:	28399
Case Number:	110918
Chemical Name:	BOILER CHEMICAL CONDENSATE

EAST SIDE PLATING WORKS (Continued) **1000393917**

EHS Name:	Not reported
Is Pure:	No
Is Mix:	Yes
Is EHS:	Not reported
Mixture Component:	Not reported
Maximum DailyAmount Code:	20
Maximum DailyAmount Unit:	gal
Chemical Added Date:	08/30/2017
Is ChemPSM:	No
Is Chem112r:	No
Is Chem302:	No
Is Pesticide:	No
Is Fertilizer:	No
Physical State:	Liquid
UNNA Number:	3267
NFPA Health:	Not reported
NFPA Flammability:	Not reported
NFPA Reactivity:	Not reported
NFPA Special Notice:	Not reported
Hazards:	Health SeriousEye, Health SkinCorrosion
No# of Days Onsite:	365
Latitude:	45.5091
Longitude:	-122.662

Facility:

Chemical Name:	F006 FILTERCAKE
Physical Description:	SOLID
Case Number:	20427592
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	R
Description:	OTHER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	COPPER HYDROXIDE
United Nations/north America 4 Digit Class Number:	3077
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Chronic Health Hazard
Second Hazardous Class Code For Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.4
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	F006 FILTERCAKE
United Nations/north America 4 Digit Class Number:	3077
Chemical Abstract Service Identifier Number:	20427592
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Chronic Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.4
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	HYDROCHLORIC ACID BATHS
Physical Description:	LIQUID
Case Number:	7647010
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	21
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	E
Temperature Description:	PLASTIC OR NON-METALLIC DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5,000-9,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	HYDROCHLORIC ACID
United Nations/north America 4 Digit Class Number:	1789
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	HYDROCHLORIC ACID BATHS
United Nations/north America 4 Digit Class Number:	1789
Chemical Abstract Service Identifier Number:	7647010
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	POTASSIUM CHLORIDE
Physical Description:	SOLID
Case Number:	7447407
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	J
Description:	BAG
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	POTASSIUM CHLORIDE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	4
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	POTASSIUM CHLORIDE
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7447407
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	Y
Pesticide:	N
Contains 313:	N

Chemical Name:	POTASSIUM CYANIDE
Physical Description:	SOLID
Case Number:	151508
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	POTASSIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1680
Hazard Rank:	3
EHS Ingredient:	POTASSIUM CYANIDE
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	POTASSIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1680
Chemical Abstract Service Identifier Number:	151508
Chemical Is Extremely Hazardous Substance (EHS):	Y
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	SODIUM CYANIDE
Physical Description:	SOLID
Case Number:	143339
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	3
EHS Ingredient:	SODIUM CYANIDE
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	143339
Chemical Is Extremely Hazardous Substance (EHS):	Y
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	SULFURIC ACID 93%
Physical Description:	LIQUID
Case Number:	7664939
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	03
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	E
Description:	PLASTIC OR NON-METALLIC DRUM
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	20-49
Most Hazardous Ingridient:	SULFURIC ACID
United Nations/north America 4 Digit Class Number:	1830
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Reactive Material

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	SULFURIC ACID 93%
United Nations/north America 4 Digit Class Number:	1830
Chemical Abstract Service Identifier Number:	7664939
Chemical Is Extremely Hazardous Substance (EHS):	Y
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	WASTE CHROMIUM PROCESS
Physical Description:	LIQUID
Case Number:	7440473
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	CHROME COMPOUNDS
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	WASTE CHROMIUM PROCESS
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	7440473
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Y

Chemical Name:	WASTE CYANIDE PROCESS
Physical Description:	LIQUID
Case Number:	143339
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	WASTE CYANIDE PROCESS
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	143339
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	WASTE PROCESS MIXED
Physical Description:	LIQUID
Case Number:	Not reported
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	30
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	10,000-49,999
Most Hazardous Ingridient:	ZINC/CHROME/NICKEL
United Nations/north America 4 Digit Class Number:	3077
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	WASTE PROCESS MIXED
United Nations/north America 4 Digit Class Number:	3077
Chemical Abstract Service Identifier Number:	Not reported
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	ZINC ANODES
Physical Description:	SOLID
Case Number:	7440666
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	K
Description:	BOX
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ZINC
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	1
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ZINC ANODES
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	7440666
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	N

Chemical Name:	ZINC BATHS
Physical Description:	LIQUID
Case Number:	7646857
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ZINC CHLORIDE
United Nations/north America 4 Digit Class Number:	1840
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ZINC BATHS
United Nations/north America 4 Digit Class Number:	1840
Chemical Abstract Service Identifier Number:	7646857
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	ZINC CYANIDE
Physical Description:	SOLID
Case Number:	557211
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	ZINC CYANIDE
United Nations/north America 4 Digit Class Number:	1713
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ZINC CYANIDE
United Nations/north America 4 Digit Class Number:	1713
Chemical Abstract Service Identifier Number:	557211
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	META-KLEEN 58
Physical Description:	SOLID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	I
Description:	FIBER DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	3262
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	META-KLEEN 58
United Nations/north America 4 Digit Class Number:	3262
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	BRASS CYANIDE BATH SOLUTION
Physical Description:	LIQUID
Case Number:	544923
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	2
EHS Ingredient:	SODIUM CYANIDE
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	BRASS CYANIDE BATH SOLUTION
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	544923
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	HYDROCHLORIC ACID 31-33%
Physical Description:	LIQUID
Case Number:	7647010
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	HYDROGEN CHLORIDE
United Nations/north America 4 Digit Class Number:	1789
Hazard Rank:	2
EHS Ingredient:	HYDROGEN CHLORIDE
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	HYDROCHLORIC ACID 31-33%
United Nations/north America 4 Digit Class Number:	1789
Chemical Abstract Service Identifier Number:	7647010
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	BOILER CHEMICAL CONDENSATE
Physical Description:	LIQUID
Case Number:	110918
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	R
Description:	OTHER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	MORPHOLINE
United Nations/north America 4 Digit Class Number:	3267
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Corrosive Material

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	BOILER CHEMICAL CONDENSATE
United Nations/north America 4 Digit Class Number:	3267
Chemical Abstract Service Identifier Number:	110918
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	ACID ETCH AX2050 BATH
Physical Description:	LIQUID
Case Number:	000000
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	AMMONIUM BIFLUORIDE
United Nations/north America 4 Digit Class Number:	1727
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ACID ETCH AX2050 BATH
United Nations/north America 4 Digit Class Number:	1727
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CLEAR/COLOR SEAL BATH
Physical Description:	LIQUID
Case Number:	000000
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	NICKEL ACETATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CLEAR/COLOR SEAL BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	NITRIC SOUR BATH
Physical Description:	LIQUID
Case Number:	7697372
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	NITRIC ACID
United Nations/north America 4 Digit Class Number:	2031
Hazard Rank:	2
EHS Ingredient:	NITRIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Corrosive Material

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Poisonous Material
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.1

Chemical:

Chemical Name:	NITRIC SOUR BATH
United Nations/north America 4 Digit Class Number:	2031
Chemical Abstract Service Identifier Number:	7697372
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Poisonous Material
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.1
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	DESMUT A-1714 BATH
Physical Description:	LIQUID
Case Number:	7775271
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	PERSULFATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Oxidizers

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	DESMUT A-1714 BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7775271
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	PHOSPHORIC ACID BATH
Physical Description:	LIQUID
Case Number:	7664382
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	PHOSPHORIC ACID
United Nations/north America 4 Digit Class Number:	1805
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	PHOSPHORIC ACID BATH
United Nations/north America 4 Digit Class Number:	1805
Chemical Abstract Service Identifier Number:	7664382
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	ANODIZING DYE BATHS
Physical Description:	LIQUID
Case Number:	127093
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM ACETATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Combustible Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	4.5

Chemical:

Chemical Name:	ANODIZING DYE BATHS
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	127093
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Combustible Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	4.5
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	DIE-CAST ACID BATH
Physical Description:	LIQUID
Case Number:	7681381
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	SODIUM BISULFATE
United Nations/north America 4 Digit Class Number:	3260
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4

Chemical:

Chemical Name:	DIE-CAST ACID BATH
United Nations/north America 4 Digit Class Number:	3260
Chemical Abstract Service Identifier Number:	7681381
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CAUSTIC ETCH AX-1897 BATH
Physical Description:	LIQUID
Case Number:	00000
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	NONE LISTED ON MSDS
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	1
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CAUSTIC ETCH AX-1897 BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	00000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	ANODIZE BATH
Physical Description:	LIQUID
Case Number:	7664939
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SULFURIC ACID
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ANODIZE BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7664939
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CHROMAX 4101 YL
Physical Description:	LIQUID
Case Number:	1333820
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	02
Max Amt Possessed During Year CD:	03
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	N
Description:	PLASTIC BOTTLE, JUG, BUCKET
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	20-49
Description Of The Avg Qnty Code:	10-19
Most Hazardous Ingridient:	CHROMIC ACID
United Nations/north America 4 Digit Class Number:	2922
Hazard Rank:	3
EHS Ingredient:	NITRIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Reactive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	4.4

Chemical:

Chemical Name:	CHROMAX 4101 YL
United Nations/north America 4 Digit Class Number:	2922
Chemical Abstract Service Identifier Number:	1333820
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Reactive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	4.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	CHILLER SYSTEM SOLUTION
Physical Description:	LIQUID
Case Number:	107211
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	R
Description:	OTHER
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	LESS THAN NORMAL TEMPERATURE BUT NOT CRYOGENIC
Temperature of The Hazardous Substance Code:	6
Temperature Description:	LESS THAN NORMAL TEMPERATURE BUT NOT CRYOGENIC
Temperature of The Hazardous Substance Code:	6
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ETHYLENE GLYCOL
United Nations/north America 4 Digit Class Number:	3082
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Combustible Material

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.5
Hazard Class 3 Of The Chemical:	6.4

Chemical:

Chemical Name:	CHILLER SYSTEM SOLUTION
United Nations/north America 4 Digit Class Number:	3082
Chemical Abstract Service Identifier Number:	107211
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Combustible Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.5
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	SCRUBBER TOWER SOLUTION
Physical Description:	LIQUID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	1824
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	SCRUBBER TOWER SOLUTION
United Nations/north America 4 Digit Class Number:	1824
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	DI RESIN CANISTERS
Physical Description:	SOLID
Case Number:	000000
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	R
Description:	OTHER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	RESIN
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	DI RESIN CANISTERS
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	MACRO BRITE C-9
Physical Description:	SOLID
Case Number:	1333820
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	CHROMIC ACID
United Nations/north America 4 Digit Class Number:	1463
Hazard Rank:	3
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Oxidizers

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	MACRO BRITE C-9
United Nations/north America 4 Digit Class Number:	1463
Chemical Abstract Service Identifier Number:	1333820
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	ARCHITECTURAL BLACK SOLUTION
Physical Description:	LIQUID
Case Number:	7488553
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	351
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	STANNOUS SULFATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ARCHITECTURAL BLACK SOLUTION
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7488553
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CADMIUM ANODES
Physical Description:	SOLID
Case Number:	7440439
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	21
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	K
Description:	BOX
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5,000-9,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	CADMIUM
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CADMIUM ANODES
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7440439
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CADMIUM PLATING BATHS
Physical Description:	LIQUID
Case Number:	143339
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CADMIUM PLATING BATHS
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	143339
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	ANODIZING ALUMINUM SOAK CLEANER
Physical Description:	LIQUID
Case Number:	12179043
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	52
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM TETRABORATE PENTAHYDRATE
United Nations/north America 4 Digit Class Number:	1498
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Oxidizers

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ANODIZING ALUMINUM SOAK CLEANER
United Nations/north America 4 Digit Class Number:	1498
Chemical Abstract Service Identifier Number:	12179043
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	META-KLEEN HDS-40
Physical Description:	SOLID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	I
Description:	FIBER DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	META-KLEEN HDS-40
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CAUSTIC BEADS
Physical Description:	SOLID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	J
Temperature Description:	BAG
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	1823
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CAUSTIC BEADS
United Nations/north America 4 Digit Class Number:	1823
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CAUSTIC SODA SOLUTION
Physical Description:	LIQUID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	E
Temperature Description:	PLASTIC OR NON-METALLIC DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	1824
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Acute Health Hazard

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CAUSTIC SODA SOLUTION
United Nations/north America 4 Digit Class Number:	1824
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	CHROMATE BATHS
Physical Description:	LIQUID
Case Number:	1333820
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	21
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	E
Temperature Description:	PLASTIC OR NON-METALLIC DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5,000-9,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	CHROMIUM TRIOXIDE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NITRIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Oxidizers
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	5.1

Chemical:

Chemical Name:	CHROMATE BATHS
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	1333820
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Oxidizers
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	5.1
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	COPPER ANODES
Physical Description:	SOLID
Case Number:	7440508
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	30
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	K
Description:	BOX
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	10,000-49,999
Most Hazardous Ingridient:	COPPER
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	COPPER ANODES
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	7440508
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	COPPER CYANIDE
Physical Description:	SOLID
Case Number:	544923
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	F
Description:	CAN
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1587
Hazard Rank:	3
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1587
Chemical Abstract Service Identifier Number:	544923
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	COPPER CYANIDE BATH SOLUTION
Physical Description:	LIQUID
Case Number:	544923
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	3
EHS Ingredient:	SODIUM CYANIDE
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	COPPER CYANIDE BATH SOLUTION
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	544923
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	ACID COPPER BATH
Physical Description:	LIQUID
Case Number:	7758987
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	COPPER (II) SULFATE PENTAHYDRATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4

Chemical:

Chemical Name:	ACID COPPER BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7758987
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Facility ID:	004607
Department Or Division Of Company:	Not reported
Extremely Hazardous Substance:	Not reported
Facility Has Written Emergency Plan:	Not reported
Contains 112R:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
Manager Name:	Not reported
Business Phone:	Not reported
Mailing Address:	Not reported
Mailing City:	Not reported
Mailing State:	Not reported
Mailing Zip:	Not reported
No. of Employees:	Not reported
Day Phone:	Not reported
Placard:	Not reported
Fire Dept Code:	Not reported
FD:	PORTLAND FIRE & RESCUE
Sprinkler System:	Not reported
Emergency Contact:	Not reported
Emergency Procedure:	Not reported
Business Type:	Not reported
Facility Type:	Private
Division/Department:	PLANT 4
Facility Status:	ACTIVE
Status TRI:	Inactive
Status RMP:	Active
Status PSM:	Active
Status CR2K:	Inactive
Status 302:	Inactive

EAST SIDE PLATING WORKS (Continued) **1000393917**

Owner Name:	GARY REHNBERG
Latest Report ID:	28399
Case Number:	1310732
Chemical Name:	CAUSTIC BEADS
EHS Name:	Not reported
Is Pure:	Yes
Is Mix:	No
Is EHS:	Not reported
Mixture Component:	Not reported
Maximum DailyAmount Code:	11
Maximum DailyAmount Unit:	lbs
Chemical Added Date:	08/30/2017
Is ChemPSM:	No
Is Chem112r:	No
Is Chem302:	No
Is Pesticide:	No
Is Fertilizer:	No
Physical State:	Solid
UNNA Number:	1823
NFPA Health:	3
NFPA Flammability:	0
NFPA Reactivity:	1
NFPA Special Notice:	Not reported
Hazards:	Health SeriousEye, Health SkinCorrosion
No# of Days Onsite:	365
Latitude:	45.5091
Longitude:	-122.662

Facility:

Chemical Name:	F006 FILTERCAKE
Physical Description:	SOLID
Case Number:	20427592
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	R
Description:	OTHER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	COPPER HYDROXIDE
United Nations/north America 4 Digit Class Number:	3077
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS

EAST SIDE PLATING WORKS (Continued) **1000393917**

Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Chronic Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.4
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	F006 FILTERCAKE
United Nations/north America 4 Digit Class Number:	3077
Chemical Abstract Service Identifier Number:	20427592
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Chronic Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.4
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	HYDROCHLORIC ACID BATHS
Physical Description:	LIQUID
Case Number:	7647010
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	21
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	E
Temperature Description:	PLASTIC OR NON-METALLIC DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5,000-9,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	HYDROCHLORIC ACID
United Nations/north America 4 Digit Class Number:	1789
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS

EAST SIDE PLATING WORKS (Continued) **1000393917**

Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	HYDROCHLORIC ACID BATHS
United Nations/north America 4 Digit Class Number:	1789
Chemical Abstract Service Identifier Number:	7647010
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	POTASSIUM CHLORIDE
Physical Description:	SOLID
Case Number:	7447407
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	J
Description:	BAG
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	POTASSIUM CHLORIDE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	4
EHS Ingredient:	NONE LISTED ON MSDS

EAST SIDE PLATING WORKS (Continued) **1000393917**

Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	POTASSIUM CHLORIDE
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7447407
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	Y
Pesticide:	N
Contains 313:	N

Chemical Name:	POTASSIUM CYANIDE
Physical Description:	SOLID
Case Number:	151508
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	POTASSIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1680
Hazard Rank:	3
EHS Ingredient:	POTASSIUM CYANIDE

EAST SIDE PLATING WORKS (Continued) **1000393917**

Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	POTASSIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1680
Chemical Abstract Service Identifier Number:	151508
Chemical Is Extremely Hazardous Substance (EHS):	Y
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	SODIUM CYANIDE
Physical Description:	SOLID
Case Number:	143339
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	3
EHS Ingredient:	SODIUM CYANIDE

EAST SIDE PLATING WORKS (Continued) **1000393917**

Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	143339
Chemical Is Extremely Hazardous Substance (EHS):	Y
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	SULFURIC ACID 93%
Physical Description:	LIQUID
Case Number:	7664939
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	03
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	E
Description:	PLASTIC OR NON-METALLIC DRUM
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	20-49
Most Hazardous Ingridient:	SULFURIC ACID
United Nations/north America 4 Digit Class Number:	1830
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID

EAST SIDE PLATING WORKS (Continued) **1000393917**

Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	SULFURIC ACID 93%
United Nations/north America 4 Digit Class Number:	1830
Chemical Abstract Service Identifier Number:	7664939
Chemical Is Extremely Hazardous Substance (EHS):	Y
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	WASTE CHROMIUM PROCESS
Physical Description:	LIQUID
Case Number:	7440473
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	CHROME COMPOUNDS
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
EHS Ingredient:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	WASTE CHROMIUM PROCESS
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	7440473
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Y

Chemical Name:	WASTE CYANIDE PROCESS
Physical Description:	LIQUID
Case Number:	143339
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
EHS Ingredient:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	WASTE CYANIDE PROCESS
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	143339
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	WASTE PROCESS MIXED
Physical Description:	LIQUID
Case Number:	Not reported
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	30
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	10,000-49,999
Most Hazardous Ingridient:	ZINC/CHROME/NICKEL
United Nations/north America 4 Digit Class Number:	3077
Hazard Rank:	2
EHS Ingredient:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	WASTE PROCESS MIXED
United Nations/north America 4 Digit Class Number:	3077
Chemical Abstract Service Identifier Number:	Not reported
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	ZINC ANODES
Physical Description:	SOLID
Case Number:	7440666
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	K
Description:	BOX
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ZINC
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	1
EHS Ingredient:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ZINC ANODES
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	7440666
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	N

Chemical Name:	ZINC BATHS
Physical Description:	LIQUID
Case Number:	7646857
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ZINC CHLORIDE
United Nations/north America 4 Digit Class Number:	1840
Hazard Rank:	2
EHS Ingredient:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ZINC BATHS
United Nations/north America 4 Digit Class Number:	1840
Chemical Abstract Service Identifier Number:	7646857
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	ZINC CYANIDE
Physical Description:	SOLID
Case Number:	557211
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	ZINC CYANIDE
United Nations/north America 4 Digit Class Number:	1713
Hazard Rank:	2
EHS Ingredient:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ZINC CYANIDE
United Nations/north America 4 Digit Class Number:	1713
Chemical Abstract Service Identifier Number:	557211
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	META-KLEEN 58
Physical Description:	SOLID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	I
Description:	FIBER DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	3262
Hazard Rank:	2
EHS Ingredient:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	META-KLEEN 58
United Nations/north America 4 Digit Class Number:	3262
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	BRASS CYANIDE BATH SOLUTION
Physical Description:	LIQUID
Case Number:	544923
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	2
EHS Ingredient:	SODIUM CYANIDE

EAST SIDE PLATING WORKS (Continued) **1000393917**

Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	BRASS CYANIDE BATH SOLUTION
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	544923
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	HYDROCHLORIC ACID 31-33%
Physical Description:	LIQUID
Case Number:	7647010
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	HYDROGEN CHLORIDE
United Nations/north America 4 Digit Class Number:	1789
Hazard Rank:	2
EHS Ingredient:	HYDROGEN CHLORIDE

EAST SIDE PLATING WORKS (Continued) **1000393917**

Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	HYDROCHLORIC ACID 31-33%
United Nations/north America 4 Digit Class Number:	1789
Chemical Abstract Service Identifier Number:	7647010
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	BOILER CHEMICAL CONDENSATE
Physical Description:	LIQUID
Case Number:	110918
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	R
Description:	OTHER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	MORPHOLINE
United Nations/north America 4 Digit Class Number:	3267
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS

EAST SIDE PLATING WORKS (Continued) **1000393917**

Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	BOILER CHEMICAL CONDENSATE
United Nations/north America 4 Digit Class Number:	3267
Chemical Abstract Service Identifier Number:	110918
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	ACID ETCH AX2050 BATH
Physical Description:	LIQUID
Case Number:	000000
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	AMMONIUM BIFLUORIDE
United Nations/north America 4 Digit Class Number:	1727
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS

EAST SIDE PLATING WORKS (Continued) **1000393917**

Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ACID ETCH AX2050 BATH
United Nations/north America 4 Digit Class Number:	1727
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CLEAR/COLOR SEAL BATH
Physical Description:	LIQUID
Case Number:	000000
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	NICKEL ACETATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS

EAST SIDE PLATING WORKS (Continued) **1000393917**

Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CLEAR/COLOR SEAL BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	NITRIC SOUR BATH
Physical Description:	LIQUID
Case Number:	7697372
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	NITRIC ACID
United Nations/north America 4 Digit Class Number:	2031
Hazard Rank:	2
EHS Ingredient:	NITRIC ACID

EAST SIDE PLATING WORKS (Continued) **1000393917**

Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Poisonous Material
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.1

Chemical:

Chemical Name:	NITRIC SOUR BATH
United Nations/north America 4 Digit Class Number:	2031
Chemical Abstract Service Identifier Number:	7697372
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Poisonous Material
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.1
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	DESMUT A-1714 BATH
Physical Description:	LIQUID
Case Number:	7775271
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	PERSULFATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS

EAST SIDE PLATING WORKS (Continued) **1000393917**

Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	DESMUT A-1714 BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7775271
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	PHOSPHORIC ACID BATH
Physical Description:	LIQUID
Case Number:	7664382
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	PHOSPHORIC ACID
United Nations/north America 4 Digit Class Number:	1805
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS

EAST SIDE PLATING WORKS (Continued) **1000393917**

Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	PHOSPHORIC ACID BATH
United Nations/north America 4 Digit Class Number:	1805
Chemical Abstract Service Identifier Number:	7664382
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	ANODIZING DYE BATHS
Physical Description:	LIQUID
Case Number:	127093
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM ACETATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS

EAST SIDE PLATING WORKS (Continued) **1000393917**

Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Combustible Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	4.5

Chemical:

Chemical Name:	ANODIZING DYE BATHS
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	127093
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Combustible Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	4.5
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	DIE-CAST ACID BATH
Physical Description:	LIQUID
Case Number:	7681381
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	SODIUM BISULFATE
United Nations/north America 4 Digit Class Number:	3260
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS

EAST SIDE PLATING WORKS (Continued) **1000393917**

Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4

Chemical:

Chemical Name:	DIE-CAST ACID BATH
United Nations/north America 4 Digit Class Number:	3260
Chemical Abstract Service Identifier Number:	7681381
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CAUSTIC ETCH AX-1897 BATH
Physical Description:	LIQUID
Case Number:	00000
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	NONE LISTED ON MSDS
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	1
EHS Ingredient:	NONE LISTED ON MSDS

EAST SIDE PLATING WORKS (Continued) **1000393917**

Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CAUSTIC ETCH AX-1897 BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	00000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	ANODIZE BATH
Physical Description:	LIQUID
Case Number:	7664939
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SULFURIC ACID
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID

EAST SIDE PLATING WORKS (Continued) **1000393917**

Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ANODIZE BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7664939
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CHROMAX 4101 YL
Physical Description:	LIQUID
Case Number:	1333820
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	02
Max Amt Possessed During Year CD:	03
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	N
Description:	PLASTIC BOTTLE, JUG, BUCKET
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	20-49
Description Of The Avg Qnty Code:	10-19
Most Hazardous Ingridient:	CHROMIC ACID
United Nations/north America 4 Digit Class Number:	2922
Hazard Rank:	3
EHS Ingredient:	NITRIC ACID

EAST SIDE PLATING WORKS (Continued) **1000393917**

Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Reactive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	4.4

Chemical:

Chemical Name:	CHROMAX 4101 YL
United Nations/north America 4 Digit Class Number:	2922
Chemical Abstract Service Identifier Number:	1333820
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Reactive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	4.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	CHILLER SYSTEM SOLUTION
Physical Description:	LIQUID
Case Number:	107211
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	R
Description:	OTHER
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	LESS THAN NORMAL TEMPERATURE BUT NOT CRYOGENIC
Temperature of The Hazardous Substance Code:	6
Temperature Description:	LESS THAN NORMAL TEMPERATURE BUT NOT CRYOGENIC
Temperature of The Hazardous Substance Code:	6
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ETHYLENE GLYCOL
United Nations/north America 4 Digit Class Number:	3082
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS

EAST SIDE PLATING WORKS (Continued) **1000393917**

Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Combustible Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.5
Hazard Class 3 Of The Chemical:	6.4

Chemical:

Chemical Name:	CHILLER SYSTEM SOLUTION
United Nations/north America 4 Digit Class Number:	3082
Chemical Abstract Service Identifier Number:	107211
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Combustible Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.5
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	SCRUBBER TOWER SOLUTION
Physical Description:	LIQUID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	1824
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS

EAST SIDE PLATING WORKS (Continued) **1000393917**

Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	SCRUBBER TOWER SOLUTION
United Nations/north America 4 Digit Class Number:	1824
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	DI RESIN CANISTERS
Physical Description:	SOLID
Case Number:	000000
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	R
Description:	OTHER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	RESIN
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS

EAST SIDE PLATING WORKS (Continued) **1000393917**

Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	DI RESIN CANISTERS
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	MACRO BRITE C-9
Physical Description:	SOLID
Case Number:	1333820
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	CHROMIC ACID
United Nations/north America 4 Digit Class Number:	1463
Hazard Rank:	3
EHS Ingredient:	NONE LISTED ON MSDS

EAST SIDE PLATING WORKS (Continued) **1000393917**

Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	MACRO BRITE C-9
United Nations/north America 4 Digit Class Number:	1463
Chemical Abstract Service Identifier Number:	1333820
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	ARCHITECTURAL BLACK SOLUTION
Physical Description:	LIQUID
Case Number:	7488553
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	351
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	STANNOUS SULFATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID

EAST SIDE PLATING WORKS (Continued) **1000393917**

Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ARCHITECTURAL BLACK SOLUTION
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7488553
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CADMIUM ANODES
Physical Description:	SOLID
Case Number:	7440439
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	21
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	K
Description:	BOX
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5,000-9,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	CADMIUM
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS

EAST SIDE PLATING WORKS (Continued) **1000393917**

Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CADMIUM ANODES
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7440439
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CADMIUM PLATING BATHS
Physical Description:	LIQUID
Case Number:	143339
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	2
EHS Ingredient:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Substance Pure:	False
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CADMIUM PLATING BATHS
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	143339
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	ANODIZING ALUMINUM SOAK CLEANER
Physical Description:	LIQUID
Case Number:	12179043
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	52
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM TETRABORATE PENTAHYDRATE
United Nations/north America 4 Digit Class Number:	1498
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS

EAST SIDE PLATING WORKS (Continued) **1000393917**

Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ANODIZING ALUMINUM SOAK CLEANER
United Nations/north America 4 Digit Class Number:	1498
Chemical Abstract Service Identifier Number:	12179043
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	META-KLEEN HDS-40
Physical Description:	SOLID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	I
Description:	FIBER DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS

EAST SIDE PLATING WORKS (Continued) **1000393917**

Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	META-KLEEN HDS-40
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CAUSTIC BEADS
Physical Description:	SOLID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	J
Temperature Description:	BAG
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	1823
Hazard Rank:	2
EHS Ingredient:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CAUSTIC BEADS
United Nations/north America 4 Digit Class Number:	1823
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CAUSTIC SODA SOLUTION
Physical Description:	LIQUID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	E
Temperature Description:	PLASTIC OR NON-METALLIC DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	1824
Hazard Rank:	2
EHS Ingredient:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CAUSTIC SODA SOLUTION
United Nations/north America 4 Digit Class Number:	1824
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	CHROMATE BATHS
Physical Description:	LIQUID
Case Number:	1333820
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	21
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	E
Temperature Description:	PLASTIC OR NON-METALLIC DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5,000-9,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	CHROMIUM TRIOXIDE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NITRIC ACID

EAST SIDE PLATING WORKS (Continued) **1000393917**

Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Oxidizers
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	5.1

Chemical:

Chemical Name:	CHROMATE BATHS
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	1333820
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Oxidizers
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	5.1
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	COPPER ANODES
Physical Description:	SOLID
Case Number:	7440508
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	30
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	K
Description:	BOX
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	10,000-49,999
Most Hazardous Ingridient:	COPPER
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
EHS Ingredient:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	COPPER ANODES
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	7440508
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	COPPER CYANIDE
Physical Description:	SOLID
Case Number:	544923
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	F
Description:	CAN
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1587
Hazard Rank:	3
EHS Ingredient:	NONE LISTED ON MSDS

EAST SIDE PLATING WORKS (Continued) **1000393917**

Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1587
Chemical Abstract Service Identifier Number:	544923
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	COPPER CYANIDE BATH SOLUTION
Physical Description:	LIQUID
Case Number:	544923
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	3
EHS Ingredient:	SODIUM CYANIDE

EAST SIDE PLATING WORKS (Continued) **1000393917**

Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	COPPER CYANIDE BATH SOLUTION
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	544923
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	ACID COPPER BATH
Physical Description:	LIQUID
Case Number:	7758987
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	COPPER (II) SULFATE PENTAHYDRATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID

EAST SIDE PLATING WORKS (Continued) **1000393917**

Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4

Chemical:

Chemical Name:	ACID COPPER BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7758987
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Facility ID:	004607
Department Or Division Of Company:	Not reported
Extremely Hazardous Substance:	Not reported
Facility Has Written Emergency Plan:	Not reported
Contains 112R:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
Manager Name:	Not reported
Business Phone:	Not reported
Mailing Address:	Not reported
Mailing City:	Not reported
Mailing State:	Not reported
Mailing Zip:	Not reported
No. of Employees:	Not reported
Day Phone:	Not reported
Placard:	Not reported
Fire Dept Code:	Not reported
FD:	PORTLAND FIRE & RESCUE
Sprinkler System:	Not reported
Emergency Contact:	Not reported
Emergency Procedure:	Not reported
Business Type:	Not reported
Facility Type:	Private
Division/Department:	PLANT 4
Facility Status:	ACTIVE
Status TRI:	Inactive

EAST SIDE PLATING WORKS (Continued) **1000393917**

Status RMP:	Active
Status PSM:	Active
Status CR2K:	Inactive
Status 302:	Inactive
Owner Name:	GARY REHNBERG
Latest Report ID:	28399
Case Number:	7647010
Chemical Name:	HYDROCHLORIC ACID BATHS
EHS Name:	Not reported
Is Pure:	No
Is Mix:	Yes
Is EHS:	Not reported
Mixture Component:	Not reported
Maximum DailyAmount Code:	21
Maximum DailyAmount Unit:	gal
Chemical Added Date:	08/30/2017
Is ChemPSM:	No
Is Chem112r:	No
Is Chem302:	No
Is Pesticide:	No
Is Fertilizer:	No
Physical State:	Liquid
UNNA Number:	1789
NFPA Health:	3
NFPA Flammability:	0
NFPA Reactivity:	0
NFPA Special Notice:	Not reported
Hazards:	Health Acute, Health SeriousEye, Health SkinCorrosion, Health SpecificOrganToxicity, Physical Corrosive
No# of Days Onsite:	365
Latitude:	45.5091
Longitude:	-122.662

Facility:

Chemical Name:	F006 FILTERCAKE
Physical Description:	SOLID
Case Number:	20427592
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	R
Description:	OTHER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	COPPER HYDROXIDE
United Nations/north America 4 Digit Class Number:	3077
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Chronic Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.4
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	F006 FILTERCAKE
United Nations/north America 4 Digit Class Number:	3077
Chemical Abstract Service Identifier Number:	20427592
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Chronic Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.4
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	HYDROCHLORIC ACID BATHS
Physical Description:	LIQUID
Case Number:	7647010
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	21
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	E
Temperature Description:	PLASTIC OR NON-METALLIC DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5,000-9,999

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	HYDROCHLORIC ACID
United Nations/north America 4 Digit Class Number:	1789
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	HYDROCHLORIC ACID BATHS
United Nations/north America 4 Digit Class Number:	1789
Chemical Abstract Service Identifier Number:	7647010
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	POTASSIUM CHLORIDE
Physical Description:	SOLID
Case Number:	7447407
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	J
Description:	BAG
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	POTASSIUM CHLORIDE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	4
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	POTASSIUM CHLORIDE
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7447407
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	Y
Pesticide:	N
Contains 313:	N

Chemical Name:	POTASSIUM CYANIDE
Physical Description:	SOLID
Case Number:	151508
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	POTASSIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1680
Hazard Rank:	3
EHS Ingredient:	POTASSIUM CYANIDE
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	POTASSIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1680
Chemical Abstract Service Identifier Number:	151508
Chemical Is Extremely Hazardous Substance (EHS):	Y
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	SODIUM CYANIDE
Physical Description:	SOLID
Case Number:	143339
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	3
EHS Ingredient:	SODIUM CYANIDE
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	143339
Chemical Is Extremely Hazardous Substance (EHS):	Y
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	SULFURIC ACID 93%
Physical Description:	LIQUID
Case Number:	7664939
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	03
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	E
Description:	PLASTIC OR NON-METALLIC DRUM
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Avg Qnty Code:	20-49
Most Hazardous Ingridient:	SULFURIC ACID
United Nations/north America 4 Digit Class Number:	1830
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	SULFURIC ACID 93%
United Nations/north America 4 Digit Class Number:	1830
Chemical Abstract Service Identifier Number:	7664939
Chemical Is Extremely Hazardous Substance (EHS):	Y
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	WASTE CHROMIUM PROCESS
Physical Description:	LIQUID
Case Number:	7440473
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	CHROME COMPOUNDS
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	WASTE CHROMIUM PROCESS
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	7440473
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Y

Chemical Name:	WASTE CYANIDE PROCESS
Physical Description:	LIQUID
Case Number:	143339
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	WASTE CYANIDE PROCESS
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	143339
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	WASTE PROCESS MIXED
Physical Description:	LIQUID
Case Number:	Not reported
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	30
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Avg Qnty Code:	10,000-49,999
Most Hazardous Ingridient:	ZINC/CHROME/NICKEL
United Nations/north America 4 Digit Class Number:	3077
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	WASTE PROCESS MIXED
United Nations/north America 4 Digit Class Number:	3077
Chemical Abstract Service Identifier Number:	Not reported
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	ZINC ANODES
Physical Description:	SOLID
Case Number:	7440666
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	K
Description:	BOX
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ZINC
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	1
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ZINC ANODES
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	7440666
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	N

Chemical Name:	ZINC BATHS
Physical Description:	LIQUID
Case Number:	7646857
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ZINC CHLORIDE
United Nations/north America 4 Digit Class Number:	1840
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ZINC BATHS
United Nations/north America 4 Digit Class Number:	1840
Chemical Abstract Service Identifier Number:	7646857
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	ZINC CYANIDE
Physical Description:	SOLID
Case Number:	557211
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	ZINC CYANIDE
United Nations/north America 4 Digit Class Number:	1713
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ZINC CYANIDE
United Nations/north America 4 Digit Class Number:	1713
Chemical Abstract Service Identifier Number:	557211
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	META-KLEEN 58
Physical Description:	SOLID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	I
Description:	FIBER DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	3262
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	META-KLEEN 58
United Nations/north America 4 Digit Class Number:	3262
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	BRASS CYANIDE BATH SOLUTION
Physical Description:	LIQUID
Case Number:	544923
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	2
EHS Ingredient:	SODIUM CYANIDE
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	BRASS CYANIDE BATH SOLUTION
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	544923
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	HYDROCHLORIC ACID 31-33%
Physical Description:	LIQUID
Case Number:	7647010
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	HYDROGEN CHLORIDE
United Nations/north America 4 Digit Class Number:	1789
Hazard Rank:	2
EHS Ingredient:	HYDROGEN CHLORIDE
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	HYDROCHLORIC ACID 31-33%
United Nations/north America 4 Digit Class Number:	1789
Chemical Abstract Service Identifier Number:	7647010
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	BOILER CHEMICAL CONDENSATE
Physical Description:	LIQUID
Case Number:	110918
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	R
Description:	OTHER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	MORPHOLINE
United Nations/north America 4 Digit Class Number:	3267
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	BOILER CHEMICAL CONDENSATE
United Nations/north America 4 Digit Class Number:	3267
Chemical Abstract Service Identifier Number:	110918
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	ACID ETCH AX2050 BATH
Physical Description:	LIQUID
Case Number:	000000
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	AMMONIUM BIFLUORIDE
United Nations/north America 4 Digit Class Number:	1727
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ACID ETCH AX2050 BATH
United Nations/north America 4 Digit Class Number:	1727
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CLEAR/COLOR SEAL BATH
Physical Description:	LIQUID
Case Number:	000000
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	NICKEL ACETATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CLEAR/COLOR SEAL BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	NITRIC SOUR BATH
Physical Description:	LIQUID
Case Number:	7697372
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	NITRIC ACID
United Nations/north America 4 Digit Class Number:	2031
Hazard Rank:	2
EHS Ingredient:	NITRIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Poisonous Material
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.1

Chemical:

Chemical Name:	NITRIC SOUR BATH
United Nations/north America 4 Digit Class Number:	2031
Chemical Abstract Service Identifier Number:	7697372
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Poisonous Material
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.1
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	DESMUT A-1714 BATH
Physical Description:	LIQUID
Case Number:	7775271
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	PERSULFATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	DESMUT A-1714 BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7775271
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	PHOSPHORIC ACID BATH
Physical Description:	LIQUID
Case Number:	7664382
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	PHOSPHORIC ACID
United Nations/north America 4 Digit Class Number:	1805
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	PHOSPHORIC ACID BATH
United Nations/north America 4 Digit Class Number:	1805
Chemical Abstract Service Identifier Number:	7664382
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	ANODIZING DYE BATHS
Physical Description:	LIQUID
Case Number:	127093
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM ACETATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Combustible Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	4.5

Chemical:

Chemical Name:	ANODIZING DYE BATHS
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	127093
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Combustible Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	4.5
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	DIE-CAST ACID BATH
Physical Description:	LIQUID
Case Number:	7681381
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	SODIUM BISULFATE
United Nations/north America 4 Digit Class Number:	3260
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4

Chemical:

Chemical Name:	DIE-CAST ACID BATH
United Nations/north America 4 Digit Class Number:	3260
Chemical Abstract Service Identifier Number:	7681381
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CAUSTIC ETCH AX-1897 BATH
Physical Description:	LIQUID
Case Number:	00000
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	NONE LISTED ON MSDS
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	1
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CAUSTIC ETCH AX-1897 BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	00000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	ANODIZE BATH
Physical Description:	LIQUID
Case Number:	7664939
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SULFURIC ACID
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ANODIZE BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7664939
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CHROMAX 4101 YL
Physical Description:	LIQUID
Case Number:	1333820
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	02
Max Amt Possessed During Year CD:	03
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	N
Description:	PLASTIC BOTTLE, JUG, BUCKET
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	20-49

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Avg Qnty Code:	10-19
Most Hazardous Ingridient:	CHROMIC ACID
United Nations/north America 4 Digit Class Number:	2922
Hazard Rank:	3
EHS Ingredient:	NITRIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Reactive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	4.4

Chemical:

Chemical Name:	CHROMAX 4101 YL
United Nations/north America 4 Digit Class Number:	2922
Chemical Abstract Service Identifier Number:	1333820
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Reactive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	4.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	CHILLER SYSTEM SOLUTION
Physical Description:	LIQUID
Case Number:	107211
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	R
Description:	OTHER
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	LESS THAN NORMAL TEMPERATURE BUT NOT CRYOGENIC
Temperature of The Hazardous Substance Code:	6
Temperature Description:	LESS THAN NORMAL TEMPERATURE BUT NOT CRYOGENIC
Temperature of The Hazardous Substance Code:	6
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ETHYLENE GLYCOL
United Nations/north America 4 Digit Class Number:	3082
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Combustible Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.5
Hazard Class 3 Of The Chemical:	6.4

Chemical:

Chemical Name:	CHILLER SYSTEM SOLUTION
United Nations/north America 4 Digit Class Number:	3082
Chemical Abstract Service Identifier Number:	107211
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Combustible Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.5
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	SCRUBBER TOWER SOLUTION
Physical Description:	LIQUID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	1824
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	SCRUBBER TOWER SOLUTION
United Nations/north America 4 Digit Class Number:	1824
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	DI RESIN CANISTERS
Physical Description:	SOLID
Case Number:	000000
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	R
Description:	OTHER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	RESIN
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	DI RESIN CANISTERS
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	MACRO BRITE C-9
Physical Description:	SOLID
Case Number:	1333820
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	CHROMIC ACID
United Nations/north America 4 Digit Class Number:	1463
Hazard Rank:	3
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	MACRO BRITE C-9
United Nations/north America 4 Digit Class Number:	1463
Chemical Abstract Service Identifier Number:	1333820
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	ARCHITECTURAL BLACK SOLUTION
Physical Description:	LIQUID
Case Number:	7488553
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	351
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	STANNOUS SULFATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ARCHITECTURAL BLACK SOLUTION
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7488553
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CADMIUM ANODES
Physical Description:	SOLID
Case Number:	7440439
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	21
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	K
Description:	BOX
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5,000-9,999

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	CADMIUM
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CADMIUM ANODES
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7440439
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CADMIUM PLATING BATHS
Physical Description:	LIQUID
Case Number:	143339
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CADMIUM PLATING BATHS
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	143339
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	ANODIZING ALUMINUM SOAK CLEANER
Physical Description:	LIQUID
Case Number:	12179043
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	52
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM TETRABORATE PENTAHYDRATE
United Nations/north America 4 Digit Class Number:	1498
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ANODIZING ALUMINUM SOAK CLEANER
United Nations/north America 4 Digit Class Number:	1498
Chemical Abstract Service Identifier Number:	12179043
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	META-KLEEN HDS-40
Physical Description:	SOLID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	I
Description:	FIBER DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	META-KLEEN HDS-40
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CAUSTIC BEADS
Physical Description:	SOLID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	J
Temperature Description:	BAG
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	1823
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CAUSTIC BEADS
United Nations/north America 4 Digit Class Number:	1823
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CAUSTIC SODA SOLUTION
Physical Description:	LIQUID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	E
Temperature Description:	PLASTIC OR NON-METALLIC DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	1824
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CAUSTIC SODA SOLUTION
United Nations/north America 4 Digit Class Number:	1824
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	CHROMATE BATHS
Physical Description:	LIQUID
Case Number:	1333820
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	21
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	E
Temperature Description:	PLASTIC OR NON-METALLIC DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5,000-9,999

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	CHROMIUM TRIOXIDE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NITRIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Oxidizers
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	5.1

Chemical:

Chemical Name:	CHROMATE BATHS
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	1333820
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Oxidizers
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	5.1
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	COPPER ANODES
Physical Description:	SOLID
Case Number:	7440508
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	30
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	K
Description:	BOX
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Avg Qnty Code:	10,000-49,999
Most Hazardous Ingridient:	COPPER
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	COPPER ANODES
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	7440508
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	COPPER CYANIDE
Physical Description:	SOLID
Case Number:	544923
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	F
Description:	CAN
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1587
Hazard Rank:	3
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1587
Chemical Abstract Service Identifier Number:	544923
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	COPPER CYANIDE BATH SOLUTION
Physical Description:	LIQUID
Case Number:	544923
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	3
EHS Ingredient:	SODIUM CYANIDE
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	COPPER CYANIDE BATH SOLUTION
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	544923
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	ACID COPPER BATH
Physical Description:	LIQUID
Case Number:	7758987
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999

EAST SIDE PLATING WORKS (Continued) **1000393917**

Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	COPPER (II) SULFATE PENTAHYDRATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4

Chemical:

Chemical Name:	ACID COPPER BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7758987
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Facility ID:	004607
Department Or Division Of Company:	Not reported
Extremely Hazardous Substance:	Not reported
Facility Has Written Emergency Plan:	Not reported
Contains 112R:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
Manager Name:	Not reported
Business Phone:	Not reported
Mailing Address:	Not reported
Mailing City:	Not reported
Mailing State:	Not reported
Mailing Zip:	Not reported
No. of Employees:	Not reported
Day Phone:	Not reported
Placard:	Not reported
Fire Dept Code:	Not reported
FD:	PORTLAND FIRE & RESCUE
Sprinkler System:	Not reported
Emergency Contact:	Not reported
Emergency Procedure:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Business Type:	Not reported
Facility Type:	Private
Division/Department:	PLANT 4
Facility Status:	ACTIVE
Status TRI:	Inactive
Status RMP:	Active
Status PSM:	Active
Status CR2K:	Inactive
Status 302:	Inactive
Owner Name:	GARY REHNBERG
Latest Report ID:	28399
Case Number:	7440666
Chemical Name:	ZINC ANODES
EHS Name:	Not reported
Is Pure:	Yes
Is Mix:	No
Is EHS:	Not reported
Mixture Component:	Not reported
Maximum DailyAmount Code:	21
Maximum DailyAmount Unit:	lbs
Chemical Added Date:	08/30/2017
Is ChemPSM:	No
Is Chem112r:	No
Is Chem302:	No
Is Pesticide:	No
Is Fertilizer:	No
Physical State:	Solid
UNNA Number:	Not reported
NFPA Health:	Not reported
NFPA Flammability:	Not reported
NFPA Reactivity:	Not reported
NFPA Special Notice:	Not reported
Hazards:	Health HNOC
No# of Days Onsite:	365
Latitude:	45.5091
Longitude:	-122.662

Facility:

Chemical Name:	F006 FILTERCAKE
Physical Description:	SOLID
Case Number:	20427592
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	R
Description:	OTHER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	COPPER HYDROXIDE
United Nations/north America 4 Digit Class Number:	3077
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Chronic Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.4
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	F006 FILTERCAKE
United Nations/north America 4 Digit Class Number:	3077
Chemical Abstract Service Identifier Number:	20427592
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Chronic Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.4
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	HYDROCHLORIC ACID BATHS
Physical Description:	LIQUID
Case Number:	7647010
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	21
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	E
Temperature Description:	PLASTIC OR NON-METALLIC DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE

EAST SIDE PLATING WORKS (Continued) **1000393917**

Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5,000-9,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	HYDROCHLORIC ACID
United Nations/north America 4 Digit Class Number:	1789
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	HYDROCHLORIC ACID BATHS
United Nations/north America 4 Digit Class Number:	1789
Chemical Abstract Service Identifier Number:	7647010
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	POTASSIUM CHLORIDE
Physical Description:	SOLID
Case Number:	7447407
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	J
Description:	BAG
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	POTASSIUM CHLORIDE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	4
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	POTASSIUM CHLORIDE
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7447407
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	Y
Pesticide:	N
Contains 313:	N

Chemical Name:	POTASSIUM CYANIDE
Physical Description:	SOLID
Case Number:	151508
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	POTASSIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1680
Hazard Rank:	3
EHS Ingredient:	POTASSIUM CYANIDE
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	POTASSIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1680
Chemical Abstract Service Identifier Number:	151508
Chemical Is Extremely Hazardous Substance (EHS):	Y
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	SODIUM CYANIDE
Physical Description:	SOLID
Case Number:	143339
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	3
EHS Ingredient:	SODIUM CYANIDE
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	143339
Chemical Is Extremely Hazardous Substance (EHS):	Y
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	SULFURIC ACID 93%
Physical Description:	LIQUID
Case Number:	7664939
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	03
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	E
Description:	PLASTIC OR NON-METALLIC DRUM
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE

EAST SIDE PLATING WORKS (Continued) **1000393917**

Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	20-49
Most Hazardous Ingridient:	SULFURIC ACID
United Nations/north America 4 Digit Class Number:	1830
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	SULFURIC ACID 93%
United Nations/north America 4 Digit Class Number:	1830
Chemical Abstract Service Identifier Number:	7664939
Chemical Is Extremely Hazardous Substance (EHS):	Y
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	WASTE CHROMIUM PROCESS
Physical Description:	LIQUID
Case Number:	7440473
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	CHROME COMPOUNDS
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	WASTE CHROMIUM PROCESS
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	7440473
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Y

Chemical Name:	WASTE CYANIDE PROCESS
Physical Description:	LIQUID
Case Number:	143339
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	WASTE CYANIDE PROCESS
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	143339
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	WASTE PROCESS MIXED
Physical Description:	LIQUID
Case Number:	Not reported
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	30
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	10,000-49,999
Most Hazardous Ingridient:	ZINC/CHROME/NICKEL
United Nations/north America 4 Digit Class Number:	3077
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	WASTE PROCESS MIXED
United Nations/north America 4 Digit Class Number:	3077
Chemical Abstract Service Identifier Number:	Not reported
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	ZINC ANODES
Physical Description:	SOLID
Case Number:	7440666
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	K
Description:	BOX
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE

EAST SIDE PLATING WORKS (Continued) **1000393917**

Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ZINC
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	1
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ZINC ANODES
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	7440666
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	N

Chemical Name:	ZINC BATHS
Physical Description:	LIQUID
Case Number:	7646857
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ZINC CHLORIDE
United Nations/north America 4 Digit Class Number:	1840
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ZINC BATHS
United Nations/north America 4 Digit Class Number:	1840
Chemical Abstract Service Identifier Number:	7646857
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	ZINC CYANIDE
Physical Description:	SOLID
Case Number:	557211
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	ZINC CYANIDE
United Nations/north America 4 Digit Class Number:	1713
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ZINC CYANIDE
United Nations/north America 4 Digit Class Number:	1713
Chemical Abstract Service Identifier Number:	557211
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	META-KLEEN 58
Physical Description:	SOLID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	I
Description:	FIBER DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	3262
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	META-KLEEN 58
United Nations/north America 4 Digit Class Number:	3262
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	BRASS CYANIDE BATH SOLUTION
Physical Description:	LIQUID
Case Number:	544923
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	2
EHS Ingredient:	SODIUM CYANIDE
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	BRASS CYANIDE BATH SOLUTION
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	544923
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	HYDROCHLORIC ACID 31-33%
Physical Description:	LIQUID
Case Number:	7647010
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	HYDROGEN CHLORIDE
United Nations/north America 4 Digit Class Number:	1789
Hazard Rank:	2
EHS Ingredient:	HYDROGEN CHLORIDE
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	HYDROCHLORIC ACID 31-33%
United Nations/north America 4 Digit Class Number:	1789
Chemical Abstract Service Identifier Number:	7647010
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	BOILER CHEMICAL CONDENSATE
Physical Description:	LIQUID
Case Number:	110918
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	R
Description:	OTHER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	MORPHOLINE
United Nations/north America 4 Digit Class Number:	3267
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	BOILER CHEMICAL CONDENSATE
United Nations/north America 4 Digit Class Number:	3267
Chemical Abstract Service Identifier Number:	110918
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	ACID ETCH AX2050 BATH
Physical Description:	LIQUID
Case Number:	000000
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	AMMONIUM BIFLUORIDE
United Nations/north America 4 Digit Class Number:	1727
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ACID ETCH AX2050 BATH
United Nations/north America 4 Digit Class Number:	1727
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CLEAR/COLOR SEAL BATH
Physical Description:	LIQUID
Case Number:	000000
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	NICKEL ACETATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CLEAR/COLOR SEAL BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	NITRIC SOUR BATH
Physical Description:	LIQUID
Case Number:	7697372
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE

EAST SIDE PLATING WORKS (Continued) **1000393917**

Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	NITRIC ACID
United Nations/north America 4 Digit Class Number:	2031
Hazard Rank:	2
EHS Ingredient:	NITRIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Poisonous Material
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.1

Chemical:

Chemical Name:	NITRIC SOUR BATH
United Nations/north America 4 Digit Class Number:	2031
Chemical Abstract Service Identifier Number:	7697372
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Poisonous Material
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.1
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	DESMUT A-1714 BATH
Physical Description:	LIQUID
Case Number:	7775271
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	PERSULFATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	DESMUT A-1714 BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7775271
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	PHOSPHORIC ACID BATH
Physical Description:	LIQUID
Case Number:	7664382
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE

EAST SIDE PLATING WORKS (Continued) **1000393917**

Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	PHOSPHORIC ACID
United Nations/north America 4 Digit Class Number:	1805
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	PHOSPHORIC ACID BATH
United Nations/north America 4 Digit Class Number:	1805
Chemical Abstract Service Identifier Number:	7664382
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	ANODIZING DYE BATHS
Physical Description:	LIQUID
Case Number:	127093
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM ACETATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Combustible Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	4.5

Chemical:

Chemical Name:	ANODIZING DYE BATHS
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	127093
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Combustible Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	4.5
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	DIE-CAST ACID BATH
Physical Description:	LIQUID
Case Number:	7681381
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	SODIUM BISULFATE
United Nations/north America 4 Digit Class Number:	3260
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4

Chemical:

Chemical Name:	DIE-CAST ACID BATH
United Nations/north America 4 Digit Class Number:	3260
Chemical Abstract Service Identifier Number:	7681381
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CAUSTIC ETCH AX-1897 BATH
Physical Description:	LIQUID
Case Number:	00000
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	NONE LISTED ON MSDS
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	1
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CAUSTIC ETCH AX-1897 BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	00000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	ANODIZE BATH
Physical Description:	LIQUID
Case Number:	7664939
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SULFURIC ACID
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ANODIZE BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7664939
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CHROMAX 4101 YL
Physical Description:	LIQUID
Case Number:	1333820
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	02
Max Amt Possessed During Year CD:	03
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	N
Description:	PLASTIC BOTTLE, JUG, BUCKET
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	20-49
Description Of The Avg Qnty Code:	10-19
Most Hazardous Ingridient:	CHROMIC ACID
United Nations/north America 4 Digit Class Number:	2922
Hazard Rank:	3
EHS Ingredient:	NITRIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Reactive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	4.4

Chemical:

Chemical Name:	CHROMAX 4101 YL
United Nations/north America 4 Digit Class Number:	2922
Chemical Abstract Service Identifier Number:	1333820
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Reactive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	4.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	CHILLER SYSTEM SOLUTION
Physical Description:	LIQUID
Case Number:	107211
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	R
Description:	OTHER
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	LESS THAN NORMAL TEMPERATURE BUT NOT CRYOGENIC
Temperature of The Hazardous Substance Code:	6
Temperature Description:	LESS THAN NORMAL TEMPERATURE BUT NOT CRYOGENIC

EAST SIDE PLATING WORKS (Continued) **1000393917**

Temperature of The Hazardous Substance Code:	6
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ETHYLENE GLYCOL
United Nations/north America 4 Digit Class Number:	3082
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Combustible Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.5
Hazard Class 3 Of The Chemical:	6.4

Chemical:

Chemical Name:	CHILLER SYSTEM SOLUTION
United Nations/north America 4 Digit Class Number:	3082
Chemical Abstract Service Identifier Number:	107211
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Combustible Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.5
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	SCRUBBER TOWER SOLUTION
Physical Description:	LIQUID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	1824
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	SCRUBBER TOWER SOLUTION
United Nations/north America 4 Digit Class Number:	1824
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	DI RESIN CANISTERS
Physical Description:	SOLID
Case Number:	000000
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	R
Description:	OTHER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	RESIN
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	DI RESIN CANISTERS
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	MACRO BRITE C-9
Physical Description:	SOLID
Case Number:	1333820
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	CHROMIC ACID
United Nations/north America 4 Digit Class Number:	1463
Hazard Rank:	3
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	MACRO BRITE C-9
United Nations/north America 4 Digit Class Number:	1463
Chemical Abstract Service Identifier Number:	1333820
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	ARCHITECTURAL BLACK SOLUTION
Physical Description:	LIQUID
Case Number:	7488553
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	351
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	STANNOUS SULFATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ARCHITECTURAL BLACK SOLUTION
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7488553
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CADMIUM ANODES
Physical Description:	SOLID
Case Number:	7440439
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	21
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	K
Description:	BOX
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE

EAST SIDE PLATING WORKS (Continued) **1000393917**

Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5,000-9,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	CADMIUM
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CADMIUM ANODES
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7440439
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CADMIUM PLATING BATHS
Physical Description:	LIQUID
Case Number:	143339
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CADMIUM PLATING BATHS
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	143339
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	ANODIZING ALUMINUM SOAK CLEANER
Physical Description:	LIQUID
Case Number:	12179043
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	52
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM TETRABORATE PENTAHYDRATE
United Nations/north America 4 Digit Class Number:	1498
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ANODIZING ALUMINUM SOAK CLEANER
United Nations/north America 4 Digit Class Number:	1498
Chemical Abstract Service Identifier Number:	12179043
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	META-KLEEN HDS-40
Physical Description:	SOLID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	I
Description:	FIBER DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	META-KLEEN HDS-40
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CAUSTIC BEADS
Physical Description:	SOLID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	J
Temperature Description:	BAG
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE

EAST SIDE PLATING WORKS (Continued) **1000393917**

Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	1823
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CAUSTIC BEADS
United Nations/north America 4 Digit Class Number:	1823
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CAUSTIC SODA SOLUTION
Physical Description:	LIQUID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	E
Temperature Description:	PLASTIC OR NON-METALLIC DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE

EAST SIDE PLATING WORKS (Continued) **1000393917**

Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	1824
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CAUSTIC SODA SOLUTION
United Nations/north America 4 Digit Class Number:	1824
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	CHROMATE BATHS
Physical Description:	LIQUID
Case Number:	1333820
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	21
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	E
Temperature Description:	PLASTIC OR NON-METALLIC DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	NORMAL TEMPERATURE

EAST SIDE PLATING WORKS (Continued) **1000393917**

Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5,000-9,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	CHROMIUM TRIOXIDE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NITRIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Oxidizers
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	5.1

Chemical:

Chemical Name:	CHROMATE BATHS
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	1333820
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Oxidizers
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	5.1
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	COPPER ANODES
Physical Description:	SOLID
Case Number:	7440508
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	30
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	K
Description:	BOX
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE

EAST SIDE PLATING WORKS (Continued) **1000393917**

Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	10,000-49,999
Most Hazardous Ingridient:	COPPER
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	COPPER ANODES
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	7440508
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	COPPER CYANIDE
Physical Description:	SOLID
Case Number:	544923
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	F
Description:	CAN
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1587
Hazard Rank:	3
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1587
Chemical Abstract Service Identifier Number:	544923
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	COPPER CYANIDE BATH SOLUTION
Physical Description:	LIQUID
Case Number:	544923
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	3
EHS Ingredient:	SODIUM CYANIDE
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	COPPER CYANIDE BATH SOLUTION
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	544923
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	ACID COPPER BATH
Physical Description:	LIQUID
Case Number:	7758987
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE

EAST SIDE PLATING WORKS (Continued) **1000393917**

Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	COPPER (II) SULFATE PENTAHYDRATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4

Chemical:

Chemical Name:	ACID COPPER BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7758987
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Facility ID:	004607
Department Or Division Of Company:	Not reported
Extremely Hazardous Substance:	Not reported
Facility Has Written Emergency Plan:	Not reported
Contains 112R:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
Manager Name:	Not reported
Business Phone:	Not reported
Mailing Address:	Not reported
Mailing City:	Not reported
Mailing State:	Not reported
Mailing Zip:	Not reported
No. of Employees:	Not reported
Day Phone:	Not reported
Placard:	Not reported
Fire Dept Code:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

FD:	PORTLAND FIRE & RESCUE
Sprinkler System:	Not reported
Emergency Contact:	Not reported
Emergency Procedure:	Not reported
Business Type:	Not reported
Facility Type:	Private
Division/Department:	PLANT 4
Facility Status:	ACTIVE
Status TRI:	Inactive
Status RMP:	Active
Status PSM:	Active
Status CR2K:	Inactive
Status 302:	Inactive
Owner Name:	GARY REHNBERG
Latest Report ID:	28399
Case Number:	1310732
Chemical Name:	META-KLEEN 58
EHS Name:	Not reported
Is Pure:	No
Is Mix:	Yes
Is EHS:	Not reported
Mixture Component:	Not reported
Maximum DailyAmount Code:	11
Maximum DailyAmount Unit:	lbs
Chemical Added Date:	08/30/2017
Is ChemPSM:	No
Is Chem112r:	No
Is Chem302:	No
Is Pesticide:	No
Is Fertilizer:	No
Physical State:	Solid
UNNA Number:	3262
NFPA Health:	Not reported
NFPA Flammability:	Not reported
NFPA Reactivity:	Not reported
NFPA Special Notice:	Not reported
Hazards:	Health SeriousEye, Health SkinCorrosion, Physical Corrosive
No# of Days Onsite:	365
Latitude:	45.5091
Longitude:	-122.662

Facility:

Chemical Name:	F006 FILTERCAKE
Physical Description:	SOLID
Case Number:	20427592
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	R
Description:	OTHER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	COPPER HYDROXIDE
United Nations/north America 4 Digit Class Number:	3077
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Chronic Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.4
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	F006 FILTERCAKE
United Nations/north America 4 Digit Class Number:	3077
Chemical Abstract Service Identifier Number:	20427592
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Chronic Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.4
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	HYDROCHLORIC ACID BATHS
Physical Description:	LIQUID
Case Number:	7647010
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	21
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	E
Temperature Description:	PLASTIC OR NON-METALLIC DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5,000-9,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	HYDROCHLORIC ACID
United Nations/north America 4 Digit Class Number:	1789
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	HYDROCHLORIC ACID BATHS
United Nations/north America 4 Digit Class Number:	1789
Chemical Abstract Service Identifier Number:	7647010
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	POTASSIUM CHLORIDE
Physical Description:	SOLID
Case Number:	7447407
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	J
Description:	BAG
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	POTASSIUM CHLORIDE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	4
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	POTASSIUM CHLORIDE
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7447407
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	Y
Pesticide:	N
Contains 313:	N

Chemical Name:	POTASSIUM CYANIDE
Physical Description:	SOLID
Case Number:	151508
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	POTASSIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1680
Hazard Rank:	3
EHS Ingredient:	POTASSIUM CYANIDE
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	POTASSIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1680
Chemical Abstract Service Identifier Number:	151508
Chemical Is Extremely Hazardous Substance (EHS):	Y
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	SODIUM CYANIDE
Physical Description:	SOLID
Case Number:	143339
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	3
EHS Ingredient:	SODIUM CYANIDE
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	143339
Chemical Is Extremely Hazardous Substance (EHS):	Y
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	SULFURIC ACID 93%
Physical Description:	LIQUID
Case Number:	7664939
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	03
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	E
Description:	PLASTIC OR NON-METALLIC DRUM
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	20-49
Most Hazardous Ingridient:	SULFURIC ACID
United Nations/north America 4 Digit Class Number:	1830
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	SULFURIC ACID 93%
United Nations/north America 4 Digit Class Number:	1830
Chemical Abstract Service Identifier Number:	7664939
Chemical Is Extremely Hazardous Substance (EHS):	Y
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	WASTE CHROMIUM PROCESS
Physical Description:	LIQUID
Case Number:	7440473
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	CHROME COMPOUNDS
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	WASTE CHROMIUM PROCESS
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	7440473
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Y

Chemical Name:	WASTE CYANIDE PROCESS
Physical Description:	LIQUID
Case Number:	143339
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	WASTE CYANIDE PROCESS
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	143339
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	WASTE PROCESS MIXED
Physical Description:	LIQUID
Case Number:	Not reported
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	30
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	10,000-49,999
Most Hazardous Ingridient:	ZINC/CHROME/NICKEL
United Nations/north America 4 Digit Class Number:	3077
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	WASTE PROCESS MIXED
United Nations/north America 4 Digit Class Number:	3077
Chemical Abstract Service Identifier Number:	Not reported
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	ZINC ANODES
Physical Description:	SOLID
Case Number:	7440666
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	K
Description:	BOX
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ZINC
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	1
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ZINC ANODES
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	7440666
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	N

Chemical Name:	ZINC BATHS
Physical Description:	LIQUID
Case Number:	7646857
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ZINC CHLORIDE
United Nations/north America 4 Digit Class Number:	1840
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ZINC BATHS
United Nations/north America 4 Digit Class Number:	1840
Chemical Abstract Service Identifier Number:	7646857
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	ZINC CYANIDE
Physical Description:	SOLID
Case Number:	557211
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	ZINC CYANIDE
United Nations/north America 4 Digit Class Number:	1713
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ZINC CYANIDE
United Nations/north America 4 Digit Class Number:	1713
Chemical Abstract Service Identifier Number:	557211
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	META-KLEEN 58
Physical Description:	SOLID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	I
Description:	FIBER DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	3262
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	META-KLEEN 58
United Nations/north America 4 Digit Class Number:	3262
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	BRASS CYANIDE BATH SOLUTION
Physical Description:	LIQUID
Case Number:	544923
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	2
EHS Ingredient:	SODIUM CYANIDE
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	BRASS CYANIDE BATH SOLUTION
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	544923
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	HYDROCHLORIC ACID 31-33%
Physical Description:	LIQUID
Case Number:	7647010
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	HYDROGEN CHLORIDE
United Nations/north America 4 Digit Class Number:	1789
Hazard Rank:	2
EHS Ingredient:	HYDROGEN CHLORIDE
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	HYDROCHLORIC ACID 31-33%
United Nations/north America 4 Digit Class Number:	1789
Chemical Abstract Service Identifier Number:	7647010
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	BOILER CHEMICAL CONDENSATE
Physical Description:	LIQUID
Case Number:	110918
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	R
Description:	OTHER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	MORPHOLINE
United Nations/north America 4 Digit Class Number:	3267
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	BOILER CHEMICAL CONDENSATE
United Nations/north America 4 Digit Class Number:	3267
Chemical Abstract Service Identifier Number:	110918
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	ACID ETCH AX2050 BATH
Physical Description:	LIQUID
Case Number:	000000
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	AMMONIUM BIFLUORIDE
United Nations/north America 4 Digit Class Number:	1727
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ACID ETCH AX2050 BATH
United Nations/north America 4 Digit Class Number:	1727
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CLEAR/COLOR SEAL BATH
Physical Description:	LIQUID
Case Number:	000000
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	NICKEL ACETATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CLEAR/COLOR SEAL BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	NITRIC SOUR BATH
Physical Description:	LIQUID
Case Number:	7697372
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	NITRIC ACID
United Nations/north America 4 Digit Class Number:	2031
Hazard Rank:	2
EHS Ingredient:	NITRIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Poisonous Material
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.1

Chemical:

Chemical Name:	NITRIC SOUR BATH
United Nations/north America 4 Digit Class Number:	2031
Chemical Abstract Service Identifier Number:	7697372
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Poisonous Material
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.1
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	DESMUT A-1714 BATH
Physical Description:	LIQUID
Case Number:	7775271
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	PERSULFATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	DESMUT A-1714 BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7775271
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	PHOSPHORIC ACID BATH
Physical Description:	LIQUID
Case Number:	7664382
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	PHOSPHORIC ACID
United Nations/north America 4 Digit Class Number:	1805
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	PHOSPHORIC ACID BATH
United Nations/north America 4 Digit Class Number:	1805
Chemical Abstract Service Identifier Number:	7664382
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	ANODIZING DYE BATHS
Physical Description:	LIQUID
Case Number:	127093
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM ACETATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Combustible Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	4.5

Chemical:

Chemical Name:	ANODIZING DYE BATHS
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	127093
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Combustible Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	4.5
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	DIE-CAST ACID BATH
Physical Description:	LIQUID
Case Number:	7681381
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	SODIUM BISULFATE
United Nations/north America 4 Digit Class Number:	3260
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4

Chemical:

Chemical Name:	DIE-CAST ACID BATH
United Nations/north America 4 Digit Class Number:	3260
Chemical Abstract Service Identifier Number:	7681381
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CAUSTIC ETCH AX-1897 BATH
Physical Description:	LIQUID
Case Number:	00000
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	NONE LISTED ON MSDS
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	1
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CAUSTIC ETCH AX-1897 BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	00000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	ANODIZE BATH
Physical Description:	LIQUID
Case Number:	7664939
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SULFURIC ACID
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ANODIZE BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7664939
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CHROMAX 4101 YL
Physical Description:	LIQUID
Case Number:	1333820
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	02
Max Amt Possessed During Year CD:	03
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	N
Description:	PLASTIC BOTTLE, JUG, BUCKET
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	20-49
Description Of The Avg Qnty Code:	10-19
Most Hazardous Ingridient:	CHROMIC ACID
United Nations/north America 4 Digit Class Number:	2922
Hazard Rank:	3
EHS Ingredient:	NITRIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Reactive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	4.4

Chemical:

Chemical Name:	CHROMAX 4101 YL
United Nations/north America 4 Digit Class Number:	2922
Chemical Abstract Service Identifier Number:	1333820
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Reactive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	4.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	CHILLER SYSTEM SOLUTION
Physical Description:	LIQUID
Case Number:	107211
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	R
Description:	OTHER
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pressure Description:	NORMAL PRESSURE
Temperature Description:	LESS THAN NORMAL TEMPERATURE BUT NOT CRYOGENIC
Temperature of The Hazardous Substance Code:	6
Temperature Description:	LESS THAN NORMAL TEMPERATURE BUT NOT CRYOGENIC
Temperature of The Hazardous Substance Code:	6
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ETHYLENE GLYCOL
United Nations/north America 4 Digit Class Number:	3082
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Combustible Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.5
Hazard Class 3 Of The Chemical:	6.4

Chemical:

Chemical Name:	CHILLER SYSTEM SOLUTION
United Nations/north America 4 Digit Class Number:	3082
Chemical Abstract Service Identifier Number:	107211
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Combustible Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.5
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	SCRUBBER TOWER SOLUTION
Physical Description:	LIQUID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	1824
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	SCRUBBER TOWER SOLUTION
United Nations/north America 4 Digit Class Number:	1824
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	DI RESIN CANISTERS
Physical Description:	SOLID
Case Number:	000000
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	R
Description:	OTHER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	RESIN
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	DI RESIN CANISTERS
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	MACRO BRITE C-9
Physical Description:	SOLID
Case Number:	1333820
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	CHROMIC ACID
United Nations/north America 4 Digit Class Number:	1463
Hazard Rank:	3
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	MACRO BRITE C-9
United Nations/north America 4 Digit Class Number:	1463
Chemical Abstract Service Identifier Number:	1333820
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	ARCHITECTURAL BLACK SOLUTION
Physical Description:	LIQUID
Case Number:	7488553
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	351
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	STANNOUS SULFATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ARCHITECTURAL BLACK SOLUTION
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7488553
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CADMIUM ANODES
Physical Description:	SOLID
Case Number:	7440439
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	21
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	K
Description:	BOX
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5,000-9,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	CADMIUM
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CADMIUM ANODES
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7440439
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CADMIUM PLATING BATHS
Physical Description:	LIQUID
Case Number:	143339
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CADMIUM PLATING BATHS
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	143339
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	ANODIZING ALUMINUM SOAK CLEANER
Physical Description:	LIQUID
Case Number:	12179043
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	52
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM TETRABORATE PENTAHYDRATE
United Nations/north America 4 Digit Class Number:	1498
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ANODIZING ALUMINUM SOAK CLEANER
United Nations/north America 4 Digit Class Number:	1498
Chemical Abstract Service Identifier Number:	12179043
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	META-KLEEN HDS-40
Physical Description:	SOLID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	I
Description:	FIBER DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	META-KLEEN HDS-40
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CAUSTIC BEADS
Physical Description:	SOLID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	J
Temperature Description:	BAG
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	1823
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CAUSTIC BEADS
United Nations/north America 4 Digit Class Number:	1823
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CAUSTIC SODA SOLUTION
Physical Description:	LIQUID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	E
Temperature Description:	PLASTIC OR NON-METALLIC DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	1824
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CAUSTIC SODA SOLUTION
United Nations/north America 4 Digit Class Number:	1824
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	CHROMATE BATHS
Physical Description:	LIQUID
Case Number:	1333820
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	21
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	E
Temperature Description:	PLASTIC OR NON-METALLIC DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pressure Description:	NORMAL PRESSURE
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5,000-9,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	CHROMIUM TRIOXIDE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NITRIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Oxidizers
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	5.1

Chemical:

Chemical Name:	CHROMATE BATHS
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	1333820
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Oxidizers
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	5.1
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	COPPER ANODES
Physical Description:	SOLID
Case Number:	7440508
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	30
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	K
Description:	BOX
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	10,000-49,999
Most Hazardous Ingridient:	COPPER
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	COPPER ANODES
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	7440508
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	COPPER CYANIDE
Physical Description:	SOLID
Case Number:	544923
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	F
Description:	CAN
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1587
Hazard Rank:	3
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1587
Chemical Abstract Service Identifier Number:	544923
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	COPPER CYANIDE BATH SOLUTION
Physical Description:	LIQUID
Case Number:	544923
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	3
EHS Ingredient:	SODIUM CYANIDE
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	COPPER CYANIDE BATH SOLUTION
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	544923
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	ACID COPPER BATH
Physical Description:	LIQUID
Case Number:	7758987
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	COPPER (II) SULFATE PENTAHYDRATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4

Chemical:

Chemical Name:	ACID COPPER BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7758987
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Facility ID:	004607
Department Or Division Of Company:	Not reported
Extremely Hazardous Substance:	Not reported
Facility Has Written Emergency Plan:	Not reported
Contains 112R:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
Manager Name:	Not reported
Business Phone:	Not reported
Mailing Address:	Not reported
Mailing City:	Not reported
Mailing State:	Not reported
Mailing Zip:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

No. of Employees:	Not reported
Day Phone:	Not reported
Placard:	Not reported
Fire Dept Code:	Not reported
FD:	PORTLAND FIRE & RESCUE
Sprinkler System:	Not reported
Emergency Contact:	Not reported
Emergency Procedure:	Not reported
Business Type:	Not reported
Facility Type:	Private
Division/Department:	PLANT 4
Facility Status:	ACTIVE
Status TRI:	Inactive
Status RMP:	Active
Status PSM:	Active
Status CR2K:	Inactive
Status 302:	Inactive
Owner Name:	GARY REHNBERG
Latest Report ID:	28399
Case Number:	N/A
Chemical Name:	HYDROCHLORIC ACID 31-33%
EHS Name:	Not reported
Is Pure:	Yes
Is Mix:	No
Is EHS:	Not reported
Mixture Component:	Not reported
Maximum DailyAmount Code:	11
Maximum DailyAmount Unit:	gal
Chemical Added Date:	08/30/2017
Is ChemPSM:	No
Is Chem112r:	No
Is Chem302:	No
Is Pesticide:	No
Is Fertilizer:	No
Physical State:	Liquid
UNNA Number:	1789
NFPA Health:	3
NFPA Flammability:	0
NFPA Reactivity:	1
NFPA Special Notice:	Not reported
Hazards:	Health Acute, Health SeriousEye, Health SkinCorrosion, Health SpecificOrganToxicity, Physical Corrosive
No# of Days Onsite:	365
Latitude:	45.5091
Longitude:	-122.662

Facility:

Chemical Name:	F006 FILTERCAKE
Physical Description:	SOLID
Case Number:	20427592
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	R
Description:	OTHER

EAST SIDE PLATING WORKS (Continued) **1000393917**

Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	COPPER HYDROXIDE
United Nations/north America 4 Digit Class Number:	3077
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Chronic Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.4
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	F006 FILTERCAKE
United Nations/north America 4 Digit Class Number:	3077
Chemical Abstract Service Identifier Number:	20427592
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Chronic Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.4
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	HYDROCHLORIC ACID BATHS
Physical Description:	LIQUID
Case Number:	7647010
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	21
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING

EAST SIDE PLATING WORKS (Continued) **1000393917**

Type Code:	E
Temperature Description:	PLASTIC OR NON-METALLIC DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5,000-9,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	HYDROCHLORIC ACID
United Nations/north America 4 Digit Class Number:	1789
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	HYDROCHLORIC ACID BATHS
United Nations/north America 4 Digit Class Number:	1789
Chemical Abstract Service Identifier Number:	7647010
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	POTASSIUM CHLORIDE
Physical Description:	SOLID
Case Number:	7447407
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	J
Description:	BAG

EAST SIDE PLATING WORKS (Continued) **1000393917**

Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	POTASSIUM CHLORIDE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	4
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	POTASSIUM CHLORIDE
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7447407
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	Y
Pesticide:	N
Contains 313:	N

Chemical Name:	POTASSIUM CYANIDE
Physical Description:	SOLID
Case Number:	151508
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM

EAST SIDE PLATING WORKS (Continued) **1000393917**

Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	POTASSIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1680
Hazard Rank:	3
EHS Ingredient:	POTASSIUM CYANIDE
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	POTASSIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1680
Chemical Abstract Service Identifier Number:	151508
Chemical Is Extremely Hazardous Substance (EHS):	Y
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	SODIUM CYANIDE
Physical Description:	SOLID
Case Number:	143339
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM

EAST SIDE PLATING WORKS (Continued) **1000393917**

Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	3
EHS Ingredient:	SODIUM CYANIDE
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	143339
Chemical Is Extremely Hazardous Substance (EHS):	Y
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	SULFURIC ACID 93%
Physical Description:	LIQUID
Case Number:	7664939
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	03
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	E
Description:	PLASTIC OR NON-METALLIC DRUM

EAST SIDE PLATING WORKS (Continued) **1000393917**

Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	20-49
Most Hazardous Ingridient:	SULFURIC ACID
United Nations/north America 4 Digit Class Number:	1830
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	SULFURIC ACID 93%
United Nations/north America 4 Digit Class Number:	1830
Chemical Abstract Service Identifier Number:	7664939
Chemical Is Extremely Hazardous Substance (EHS):	Y
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	WASTE CHROMIUM PROCESS
Physical Description:	LIQUID
Case Number:	7440473
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING

EAST SIDE PLATING WORKS (Continued) **1000393917**

Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	CHROME COMPOUNDS
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	WASTE CHROMIUM PROCESS
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	7440473
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Y

Chemical Name:	WASTE CYANIDE PROCESS
Physical Description:	LIQUID
Case Number:	143339
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING

EAST SIDE PLATING WORKS (Continued) **1000393917**

Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	WASTE CYANIDE PROCESS
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	143339
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	WASTE PROCESS MIXED
Physical Description:	LIQUID
Case Number:	Not reported
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	30
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING

EAST SIDE PLATING WORKS (Continued) **1000393917**

Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	10,000-49,999
Most Hazardous Ingridient:	ZINC/CHROME/NICKEL
United Nations/north America 4 Digit Class Number:	3077
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	WASTE PROCESS MIXED
United Nations/north America 4 Digit Class Number:	3077
Chemical Abstract Service Identifier Number:	Not reported
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	ZINC ANODES
Physical Description:	SOLID
Case Number:	7440666
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	K
Description:	BOX

EAST SIDE PLATING WORKS (Continued) **1000393917**

Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ZINC
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	1
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ZINC ANODES
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	7440666
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	N

Chemical Name:	ZINC BATHS
Physical Description:	LIQUID
Case Number:	7646857
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING

EAST SIDE PLATING WORKS (Continued) **1000393917**

Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ZINC CHLORIDE
United Nations/north America 4 Digit Class Number:	1840
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ZINC BATHS
United Nations/north America 4 Digit Class Number:	1840
Chemical Abstract Service Identifier Number:	7646857
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	ZINC CYANIDE
Physical Description:	SOLID
Case Number:	557211
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM

EAST SIDE PLATING WORKS (Continued) **1000393917**

Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	ZINC CYANIDE
United Nations/north America 4 Digit Class Number:	1713
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ZINC CYANIDE
United Nations/north America 4 Digit Class Number:	1713
Chemical Abstract Service Identifier Number:	557211
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	META-KLEEN 58
Physical Description:	SOLID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	I
Description:	FIBER DRUM

EAST SIDE PLATING WORKS (Continued) **1000393917**

Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	3262
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	META-KLEEN 58
United Nations/north America 4 Digit Class Number:	3262
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	BRASS CYANIDE BATH SOLUTION
Physical Description:	LIQUID
Case Number:	544923
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING

EAST SIDE PLATING WORKS (Continued) **1000393917**

Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	2
EHS Ingredient:	SODIUM CYANIDE
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	BRASS CYANIDE BATH SOLUTION
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	544923
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	HYDROCHLORIC ACID 31-33%
Physical Description:	LIQUID
Case Number:	7647010
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING

EAST SIDE PLATING WORKS (Continued) **1000393917**

Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	HYDROGEN CHLORIDE
United Nations/north America 4 Digit Class Number:	1789
Hazard Rank:	2
EHS Ingredient:	HYDROGEN CHLORIDE
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	HYDROCHLORIC ACID 31-33%
United Nations/north America 4 Digit Class Number:	1789
Chemical Abstract Service Identifier Number:	7647010
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	BOILER CHEMICAL CONDENSATE
Physical Description:	LIQUID
Case Number:	110918
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	R
Description:	OTHER

EAST SIDE PLATING WORKS (Continued) **1000393917**

Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	MORPHOLINE
United Nations/north America 4 Digit Class Number:	3267
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	BOILER CHEMICAL CONDENSATE
United Nations/north America 4 Digit Class Number:	3267
Chemical Abstract Service Identifier Number:	110918
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	ACID ETCH AX2050 BATH
Physical Description:	LIQUID
Case Number:	000000
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING

EAST SIDE PLATING WORKS (Continued) **1000393917**

Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	AMMONIUM BIFLUORIDE
United Nations/north America 4 Digit Class Number:	1727
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ACID ETCH AX2050 BATH
United Nations/north America 4 Digit Class Number:	1727
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CLEAR/COLOR SEAL BATH
Physical Description:	LIQUID
Case Number:	000000
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING

EAST SIDE PLATING WORKS (Continued) **1000393917**

Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	NICKEL ACETATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CLEAR/COLOR SEAL BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	NITRIC SOUR BATH
Physical Description:	LIQUID
Case Number:	7697372
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING

EAST SIDE PLATING WORKS (Continued) **1000393917**

Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	NITRIC ACID
United Nations/north America 4 Digit Class Number:	2031
Hazard Rank:	2
EHS Ingredient:	NITRIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Poisonous Material
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.1

Chemical:

Chemical Name:	NITRIC SOUR BATH
United Nations/north America 4 Digit Class Number:	2031
Chemical Abstract Service Identifier Number:	7697372
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Poisonous Material
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.1
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	DESMUT A-1714 BATH
Physical Description:	LIQUID
Case Number:	7775271
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING

EAST SIDE PLATING WORKS (Continued) **1000393917**

Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	PERSULFATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	DESMUT A-1714 BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7775271
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	PHOSPHORIC ACID BATH
Physical Description:	LIQUID
Case Number:	7664382
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING

EAST SIDE PLATING WORKS (Continued) **1000393917**

Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	PHOSPHORIC ACID
United Nations/north America 4 Digit Class Number:	1805
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	PHOSPHORIC ACID BATH
United Nations/north America 4 Digit Class Number:	1805
Chemical Abstract Service Identifier Number:	7664382
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	ANODIZING DYE BATHS
Physical Description:	LIQUID
Case Number:	127093
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING

EAST SIDE PLATING WORKS (Continued) **1000393917**

Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM ACETATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Combustible Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	4.5

Chemical:

Chemical Name:	ANODIZING DYE BATHS
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	127093
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Combustible Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	4.5
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	DIE-CAST ACID BATH
Physical Description:	LIQUID
Case Number:	7681381
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING

EAST SIDE PLATING WORKS (Continued) **1000393917**

Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	SODIUM BISULFATE
United Nations/north America 4 Digit Class Number:	3260
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4

Chemical:

Chemical Name:	DIE-CAST ACID BATH
United Nations/north America 4 Digit Class Number:	3260
Chemical Abstract Service Identifier Number:	7681381
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CAUSTIC ETCH AX-1897 BATH
Physical Description:	LIQUID
Case Number:	00000
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING

EAST SIDE PLATING WORKS (Continued) **1000393917**

Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	NONE LISTED ON MSDS
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	1
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CAUSTIC ETCH AX-1897 BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	00000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	ANODIZE BATH
Physical Description:	LIQUID
Case Number:	7664939
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING

EAST SIDE PLATING WORKS (Continued) **1000393917**

Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SULFURIC ACID
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ANODIZE BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7664939
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CHROMAX 4101 YL
Physical Description:	LIQUID
Case Number:	1333820
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	02
Max Amt Possessed During Year CD:	03
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	N
Description:	PLASTIC BOTTLE, JUG, BUCKET

EAST SIDE PLATING WORKS (Continued) **1000393917**

Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	20-49
Description Of The Avg Qnty Code:	10-19
Most Hazardous Ingridient:	CHROMIC ACID
United Nations/north America 4 Digit Class Number:	2922
Hazard Rank:	3
EHS Ingredient:	NITRIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Reactive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	4.4

Chemical:

Chemical Name:	CHROMAX 4101 YL
United Nations/north America 4 Digit Class Number:	2922
Chemical Abstract Service Identifier Number:	1333820
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Reactive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	4.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	CHILLER SYSTEM SOLUTION
Physical Description:	LIQUID
Case Number:	107211
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	R
Description:	OTHER

EAST SIDE PLATING WORKS (Continued) **1000393917**

Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	LESS THAN NORMAL TEMPERATURE BUT NOT CRYOGENIC
Temperature of The Hazardous Substance Code:	6
Temperature Description:	LESS THAN NORMAL TEMPERATURE BUT NOT CRYOGENIC
Temperature of The Hazardous Substance Code:	6
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ETHYLENE GLYCOL
United Nations/north America 4 Digit Class Number:	3082
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Combustible Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.5
Hazard Class 3 Of The Chemical:	6.4

Chemical:

Chemical Name:	CHILLER SYSTEM SOLUTION
United Nations/north America 4 Digit Class Number:	3082
Chemical Abstract Service Identifier Number:	107211
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Combustible Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.5
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	SCRUBBER TOWER SOLUTION
Physical Description:	LIQUID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING

EAST SIDE PLATING WORKS (Continued) **1000393917**

Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	1824
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	SCRUBBER TOWER SOLUTION
United Nations/north America 4 Digit Class Number:	1824
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	DI RESIN CANISTERS
Physical Description:	SOLID
Case Number:	000000
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	R
Description:	OTHER

EAST SIDE PLATING WORKS (Continued) **1000393917**

Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	RESIN
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	DI RESIN CANISTERS
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	MACRO BRITE C-9
Physical Description:	SOLID
Case Number:	1333820
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM

EAST SIDE PLATING WORKS (Continued) **1000393917**

Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	CHROMIC ACID
United Nations/north America 4 Digit Class Number:	1463
Hazard Rank:	3
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	MACRO BRITE C-9
United Nations/north America 4 Digit Class Number:	1463
Chemical Abstract Service Identifier Number:	1333820
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	ARCHITECTURAL BLACK SOLUTION
Physical Description:	LIQUID
Case Number:	7488553
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING

EAST SIDE PLATING WORKS (Continued) **1000393917**

Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	351
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	STANNOUS SULFATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ARCHITECTURAL BLACK SOLUTION
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7488553
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CADMIUM ANODES
Physical Description:	SOLID
Case Number:	7440439
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	21
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	K
Description:	BOX

EAST SIDE PLATING WORKS (Continued) **1000393917**

Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5,000-9,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	CADMIUM
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CADMIUM ANODES
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7440439
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CADMIUM PLATING BATHS
Physical Description:	LIQUID
Case Number:	143339
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING

EAST SIDE PLATING WORKS (Continued) **1000393917**

Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CADMIUM PLATING BATHS
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	143339
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	ANODIZING ALUMINUM SOAK CLEANER
Physical Description:	LIQUID
Case Number:	12179043
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING

EAST SIDE PLATING WORKS (Continued) **1000393917**

Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	52
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM TETRABORATE PENTAHYDRATE
United Nations/north America 4 Digit Class Number:	1498
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ANODIZING ALUMINUM SOAK CLEANER
United Nations/north America 4 Digit Class Number:	1498
Chemical Abstract Service Identifier Number:	12179043
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	META-KLEEN HDS-40
Physical Description:	SOLID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	I
Description:	FIBER DRUM

EAST SIDE PLATING WORKS (Continued) **1000393917**

Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	META-KLEEN HDS-40
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CAUSTIC BEADS
Physical Description:	SOLID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM

EAST SIDE PLATING WORKS (Continued) **1000393917**

Type Code:	J
Temperature Description:	BAG
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	1823
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CAUSTIC BEADS
United Nations/north America 4 Digit Class Number:	1823
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CAUSTIC SODA SOLUTION
Physical Description:	LIQUID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING

EAST SIDE PLATING WORKS (Continued) **1000393917**

Type Code:	E
Temperature Description:	PLASTIC OR NON-METALLIC DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	1824
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CAUSTIC SODA SOLUTION
United Nations/north America 4 Digit Class Number:	1824
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	CHROMATE BATHS
Physical Description:	LIQUID
Case Number:	1333820
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	21
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING

EAST SIDE PLATING WORKS (Continued) **1000393917**

Type Code:	E
Temperature Description:	PLASTIC OR NON-METALLIC DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5,000-9,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	CHROMIUM TRIOXIDE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NITRIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Oxidizers
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	5.1

Chemical:

Chemical Name:	CHROMATE BATHS
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	1333820
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Oxidizers
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	5.1
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	COPPER ANODES
Physical Description:	SOLID
Case Number:	7440508
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	30
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	K
Description:	BOX

EAST SIDE PLATING WORKS (Continued) **1000393917**

Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	10,000-49,999
Most Hazardous Ingridient:	COPPER
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	COPPER ANODES
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	7440508
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	COPPER CYANIDE
Physical Description:	SOLID
Case Number:	544923
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	F
Description:	CAN

EAST SIDE PLATING WORKS (Continued) **1000393917**

Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1587
Hazard Rank:	3
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1587
Chemical Abstract Service Identifier Number:	544923
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	COPPER CYANIDE BATH SOLUTION
Physical Description:	LIQUID
Case Number:	544923
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING

EAST SIDE PLATING WORKS (Continued) **1000393917**

Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	3
EHS Ingredient:	SODIUM CYANIDE
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	COPPER CYANIDE BATH SOLUTION
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	544923
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	ACID COPPER BATH
Physical Description:	LIQUID
Case Number:	7758987
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING

EAST SIDE PLATING WORKS (Continued) **1000393917**

Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	COPPER (II) SULFATE PENTAHYDRATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4

Chemical:

Chemical Name:	ACID COPPER BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7758987
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Facility ID:	004607
Department Or Division Of Company:	Not reported
Extremely Hazardous Substance:	Not reported
Facility Has Written Emergency Plan:	Not reported
Contains 112R:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
Manager Name:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Business Phone:	Not reported
Mailing Address:	Not reported
Mailing City:	Not reported
Mailing State:	Not reported
Mailing Zip:	Not reported
No. of Employees:	Not reported
Day Phone:	Not reported
Placard:	Not reported
Fire Dept Code:	Not reported
FD:	PORTLAND FIRE & RESCUE
Sprinkler System:	Not reported
Emergency Contact:	Not reported
Emergency Procedure:	Not reported
Business Type:	Not reported
Facility Type:	Private
Division/Department:	PLANT 4
Facility Status:	ACTIVE
Status TRI:	Inactive
Status RMP:	Active
Status PSM:	Active
Status CR2K:	Inactive
Status 302:	Inactive
Owner Name:	GARY REHNBERG
Latest Report ID:	28399
Case Number:	N/A
Chemical Name:	CLEAR/COLOR SEAL BATH
EHS Name:	Not reported
Is Pure:	No
Is Mix:	Yes
Is EHS:	Not reported
Mixture Component:	Not reported
Maximum DailyAmount Code:	20
Maximum DailyAmount Unit:	gal
Chemical Added Date:	08/30/2017
Is ChemPSM:	No
Is Chem112r:	No
Is Chem302:	No
Is Pesticide:	No
Is Fertilizer:	No
Physical State:	Liquid
UNNA Number:	0
NFPA Health:	2
NFPA Flammability:	0
NFPA Reactivity:	0
NFPA Special Notice:	Not reported
Hazards:	Health HNOC
No# of Days Onsite:	365
Latitude:	45.5091
Longitude:	-122.662

Facility:

Chemical Name:	F006 FILTERCAKE
Physical Description:	SOLID
Case Number:	20427592
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	30

EAST SIDE PLATING WORKS (Continued) **1000393917**

Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	R
Description:	OTHER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	COPPER HYDROXIDE
United Nations/north America 4 Digit Class Number:	3077
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Chronic Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.4
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	F006 FILTERCAKE
United Nations/north America 4 Digit Class Number:	3077
Chemical Abstract Service Identifier Number:	20427592
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Chronic Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.4
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	HYDROCHLORIC ACID BATHS
Physical Description:	LIQUID
Case Number:	7647010
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	21

EAST SIDE PLATING WORKS (Continued) **1000393917**

Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	E
Temperature Description:	PLASTIC OR NON-METALLIC DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5,000-9,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	HYDROCHLORIC ACID
United Nations/north America 4 Digit Class Number:	1789
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	HYDROCHLORIC ACID BATHS
United Nations/north America 4 Digit Class Number:	1789
Chemical Abstract Service Identifier Number:	7647010
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	POTASSIUM CHLORIDE
Physical Description:	SOLID
Case Number:	7447407
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20

EAST SIDE PLATING WORKS (Continued) **1000393917**

Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	J
Description:	BAG
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	POTASSIUM CHLORIDE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	4
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	POTASSIUM CHLORIDE
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7447407
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	Y
Pesticide:	N
Contains 313:	N

Chemical Name:	POTASSIUM CYANIDE
Physical Description:	SOLID
Case Number:	151508
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04

EAST SIDE PLATING WORKS (Continued) **1000393917**

Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	POTASSIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1680
Hazard Rank:	3
EHS Ingredient:	POTASSIUM CYANIDE
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	POTASSIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1680
Chemical Abstract Service Identifier Number:	151508
Chemical Is Extremely Hazardous Substance (EHS):	Y
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	SODIUM CYANIDE
Physical Description:	SOLID
Case Number:	143339
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04

EAST SIDE PLATING WORKS (Continued) **1000393917**

Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	3
EHS Ingredient:	SODIUM CYANIDE
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	143339
Chemical Is Extremely Hazardous Substance (EHS):	Y
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	SULFURIC ACID 93%
Physical Description:	LIQUID
Case Number:	7664939
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	03
Max Amt Possessed During Year CD:	04

EAST SIDE PLATING WORKS (Continued) **1000393917**

Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	E
Description:	PLASTIC OR NON-METALLIC DRUM
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	20-49
Most Hazardous Ingridient:	SULFURIC ACID
United Nations/north America 4 Digit Class Number:	1830
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	SULFURIC ACID 93%
United Nations/north America 4 Digit Class Number:	1830
Chemical Abstract Service Identifier Number:	7664939
Chemical Is Extremely Hazardous Substance (EHS):	Y
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	WASTE CHROMIUM PROCESS
Physical Description:	LIQUID
Case Number:	7440473
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11

EAST SIDE PLATING WORKS (Continued) **1000393917**

Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	CHROME COMPOUNDS
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	WASTE CHROMIUM PROCESS
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	7440473
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Y

Chemical Name:	WASTE CYANIDE PROCESS
Physical Description:	LIQUID
Case Number:	143339
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20

EAST SIDE PLATING WORKS (Continued) **1000393917**

Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	WASTE CYANIDE PROCESS
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	143339
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	WASTE PROCESS MIXED
Physical Description:	LIQUID
Case Number:	Not reported
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	30
Max Amt Possessed During Year CD:	30

EAST SIDE PLATING WORKS (Continued) **1000393917**

Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	10,000-49,999
Most Hazardous Ingridient:	ZINC/CHROME/NICKEL
United Nations/north America 4 Digit Class Number:	3077
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	WASTE PROCESS MIXED
United Nations/north America 4 Digit Class Number:	3077
Chemical Abstract Service Identifier Number:	Not reported
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	ZINC ANODES
Physical Description:	SOLID
Case Number:	7440666
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20

EAST SIDE PLATING WORKS (Continued) **1000393917**

Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	K
Description:	BOX
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ZINC
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	1
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ZINC ANODES
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	7440666
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	N

Chemical Name:	ZINC BATHS
Physical Description:	LIQUID
Case Number:	7646857
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20

EAST SIDE PLATING WORKS (Continued) **1000393917**

Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ZINC CHLORIDE
United Nations/north America 4 Digit Class Number:	1840
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ZINC BATHS
United Nations/north America 4 Digit Class Number:	1840
Chemical Abstract Service Identifier Number:	7646857
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	ZINC CYANIDE
Physical Description:	SOLID
Case Number:	557211
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04

EAST SIDE PLATING WORKS (Continued) **1000393917**

Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	ZINC CYANIDE
United Nations/north America 4 Digit Class Number:	1713
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ZINC CYANIDE
United Nations/north America 4 Digit Class Number:	1713
Chemical Abstract Service Identifier Number:	557211
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	META-KLEEN 58
Physical Description:	SOLID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11

EAST SIDE PLATING WORKS (Continued) **1000393917**

Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	I
Description:	FIBER DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	3262
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	META-KLEEN 58
United Nations/north America 4 Digit Class Number:	3262
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	BRASS CYANIDE BATH SOLUTION
Physical Description:	LIQUID
Case Number:	544923
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04

EAST SIDE PLATING WORKS (Continued) **1000393917**

Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	2
EHS Ingredient:	SODIUM CYANIDE
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	BRASS CYANIDE BATH SOLUTION
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	544923
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	HYDROCHLORIC ACID 31-33%
Physical Description:	LIQUID
Case Number:	7647010
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11

EAST SIDE PLATING WORKS (Continued) **1000393917**

Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	HYDROGEN CHLORIDE
United Nations/north America 4 Digit Class Number:	1789
Hazard Rank:	2
EHS Ingredient:	HYDROGEN CHLORIDE
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	HYDROCHLORIC ACID 31-33%
United Nations/north America 4 Digit Class Number:	1789
Chemical Abstract Service Identifier Number:	7647010
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	BOILER CHEMICAL CONDENSATE
Physical Description:	LIQUID
Case Number:	110918
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20

EAST SIDE PLATING WORKS (Continued) **1000393917**

Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	R
Description:	OTHER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	MORPHOLINE
United Nations/north America 4 Digit Class Number:	3267
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	BOILER CHEMICAL CONDENSATE
United Nations/north America 4 Digit Class Number:	3267
Chemical Abstract Service Identifier Number:	110918
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	ACID ETCH AX2050 BATH
Physical Description:	LIQUID
Case Number:	000000
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11

EAST SIDE PLATING WORKS (Continued) **1000393917**

Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	AMMONIUM BIFLUORIDE
United Nations/north America 4 Digit Class Number:	1727
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ACID ETCH AX2050 BATH
United Nations/north America 4 Digit Class Number:	1727
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CLEAR/COLOR SEAL BATH
Physical Description:	LIQUID
Case Number:	000000
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20

EAST SIDE PLATING WORKS (Continued) **1000393917**

Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	NICKEL ACETATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CLEAR/COLOR SEAL BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	NITRIC SOUR BATH
Physical Description:	LIQUID
Case Number:	7697372
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20

EAST SIDE PLATING WORKS (Continued) **1000393917**

Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	NITRIC ACID
United Nations/north America 4 Digit Class Number:	2031
Hazard Rank:	2
EHS Ingredient:	NITRIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Poisonous Material
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.1

Chemical:

Chemical Name:	NITRIC SOUR BATH
United Nations/north America 4 Digit Class Number:	2031
Chemical Abstract Service Identifier Number:	7697372
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Poisonous Material
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.1
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	DESMUT A-1714 BATH
Physical Description:	LIQUID
Case Number:	7775271
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20

EAST SIDE PLATING WORKS (Continued) **1000393917**

Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	PERSULFATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	DESMUT A-1714 BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7775271
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	PHOSPHORIC ACID BATH
Physical Description:	LIQUID
Case Number:	7664382
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20

EAST SIDE PLATING WORKS (Continued) **1000393917**

Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	PHOSPHORIC ACID
United Nations/north America 4 Digit Class Number:	1805
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	PHOSPHORIC ACID BATH
United Nations/north America 4 Digit Class Number:	1805
Chemical Abstract Service Identifier Number:	7664382
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	ANODIZING DYE BATHS
Physical Description:	LIQUID
Case Number:	127093
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20

EAST SIDE PLATING WORKS (Continued) **1000393917**

Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM ACETATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Combustible Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	4.5

Chemical:

Chemical Name:	ANODIZING DYE BATHS
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	127093
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Combustible Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	4.5
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	DIE-CAST ACID BATH
Physical Description:	LIQUID
Case Number:	7681381
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11

EAST SIDE PLATING WORKS (Continued) **1000393917**

Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	SODIUM BISULFATE
United Nations/north America 4 Digit Class Number:	3260
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4

Chemical:

Chemical Name:	DIE-CAST ACID BATH
United Nations/north America 4 Digit Class Number:	3260
Chemical Abstract Service Identifier Number:	7681381
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CAUSTIC ETCH AX-1897 BATH
Physical Description:	LIQUID
Case Number:	00000
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20

EAST SIDE PLATING WORKS (Continued) **1000393917**

Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	NONE LISTED ON MSDS
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	1
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CAUSTIC ETCH AX-1897 BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	00000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	ANODIZE BATH
Physical Description:	LIQUID
Case Number:	7664939
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20

EAST SIDE PLATING WORKS (Continued) **1000393917**

Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SULFURIC ACID
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ANODIZE BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7664939
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CHROMAX 4101 YL
Physical Description:	LIQUID
Case Number:	1333820
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	02
Max Amt Possessed During Year CD:	03

EAST SIDE PLATING WORKS (Continued) **1000393917**

Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	N
Description:	PLASTIC BOTTLE, JUG, BUCKET
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	20-49
Description Of The Avg Qnty Code:	10-19
Most Hazardous Ingridient:	CHROMIC ACID
United Nations/north America 4 Digit Class Number:	2922
Hazard Rank:	3
EHS Ingredient:	NITRIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Reactive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	4.4

Chemical:

Chemical Name:	CHROMAX 4101 YL
United Nations/north America 4 Digit Class Number:	2922
Chemical Abstract Service Identifier Number:	1333820
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Reactive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	4.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	CHILLER SYSTEM SOLUTION
Physical Description:	LIQUID
Case Number:	107211
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20

EAST SIDE PLATING WORKS (Continued) **1000393917**

Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	R
Description:	OTHER
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	LESS THAN NORMAL TEMPERATURE BUT NOT CRYOGENIC
Temperature of The Hazardous Substance Code:	6
Temperature Description:	LESS THAN NORMAL TEMPERATURE BUT NOT CRYOGENIC
Temperature of The Hazardous Substance Code:	6
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ETHYLENE GLYCOL
United Nations/north America 4 Digit Class Number:	3082
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Combustible Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.5
Hazard Class 3 Of The Chemical:	6.4

Chemical:

Chemical Name:	CHILLER SYSTEM SOLUTION
United Nations/north America 4 Digit Class Number:	3082
Chemical Abstract Service Identifier Number:	107211
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Combustible Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.5
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	SCRUBBER TOWER SOLUTION
Physical Description:	LIQUID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11

EAST SIDE PLATING WORKS (Continued) **1000393917**

Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	1824
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	SCRUBBER TOWER SOLUTION
United Nations/north America 4 Digit Class Number:	1824
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	DI RESIN CANISTERS
Physical Description:	SOLID
Case Number:	000000
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11

EAST SIDE PLATING WORKS (Continued) **1000393917**

Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	R
Description:	OTHER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	RESIN
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	DI RESIN CANISTERS
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	MACRO BRITE C-9
Physical Description:	SOLID
Case Number:	1333820
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04

EAST SIDE PLATING WORKS (Continued) **1000393917**

Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	CHROMIC ACID
United Nations/north America 4 Digit Class Number:	1463
Hazard Rank:	3
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	MACRO BRITE C-9
United Nations/north America 4 Digit Class Number:	1463
Chemical Abstract Service Identifier Number:	1333820
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	ARCHITECTURAL BLACK SOLUTION
Physical Description:	LIQUID
Case Number:	7488553
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20

EAST SIDE PLATING WORKS (Continued) **1000393917**

Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	351
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	STANNOUS SULFATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ARCHITECTURAL BLACK SOLUTION
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7488553
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CADMIUM ANODES
Physical Description:	SOLID
Case Number:	7440439
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	21

EAST SIDE PLATING WORKS (Continued) **1000393917**

Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	K
Description:	BOX
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5,000-9,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	CADMIUM
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CADMIUM ANODES
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7440439
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CADMIUM PLATING BATHS
Physical Description:	LIQUID
Case Number:	143339
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20

EAST SIDE PLATING WORKS (Continued) **1000393917**

Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CADMIUM PLATING BATHS
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	143339
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	ANODIZING ALUMINUM SOAK CLEANER
Physical Description:	LIQUID
Case Number:	12179043
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20

EAST SIDE PLATING WORKS (Continued) **1000393917**

Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	52
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM TETRABORATE PENTAHYDRATE
United Nations/north America 4 Digit Class Number:	1498
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ANODIZING ALUMINUM SOAK CLEANER
United Nations/north America 4 Digit Class Number:	1498
Chemical Abstract Service Identifier Number:	12179043
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	META-KLEEN HDS-40
Physical Description:	SOLID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11

EAST SIDE PLATING WORKS (Continued) **1000393917**

Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	I
Description:	FIBER DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	META-KLEEN HDS-40
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CAUSTIC BEADS
Physical Description:	SOLID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11

EAST SIDE PLATING WORKS (Continued) **1000393917**

Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	J
Temperature Description:	BAG
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	1823
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CAUSTIC BEADS
United Nations/north America 4 Digit Class Number:	1823
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CAUSTIC SODA SOLUTION
Physical Description:	LIQUID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11

EAST SIDE PLATING WORKS (Continued) **1000393917**

Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	E
Temperature Description:	PLASTIC OR NON-METALLIC DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	1824
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CAUSTIC SODA SOLUTION
United Nations/north America 4 Digit Class Number:	1824
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	CHROMATE BATHS
Physical Description:	LIQUID
Case Number:	1333820
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	21

EAST SIDE PLATING WORKS (Continued) **1000393917**

Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	E
Temperature Description:	PLASTIC OR NON-METALLIC DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5,000-9,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	CHROMIUM TRIOXIDE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NITRIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Oxidizers
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	5.1

Chemical:

Chemical Name:	CHROMATE BATHS
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	1333820
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Oxidizers
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	5.1
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	COPPER ANODES
Physical Description:	SOLID
Case Number:	7440508
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	30
Max Amt Possessed During Year CD:	30

EAST SIDE PLATING WORKS (Continued) **1000393917**

Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	K
Description:	BOX
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	10,000-49,999
Most Hazardous Ingridient:	COPPER
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	COPPER ANODES
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	7440508
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	COPPER CYANIDE
Physical Description:	SOLID
Case Number:	544923
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04

EAST SIDE PLATING WORKS (Continued) **1000393917**

Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	F
Description:	CAN
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1587
Hazard Rank:	3
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1587
Chemical Abstract Service Identifier Number:	544923
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	COPPER CYANIDE BATH SOLUTION
Physical Description:	LIQUID
Case Number:	544923
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20

EAST SIDE PLATING WORKS (Continued) **1000393917**

Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	3
EHS Ingredient:	SODIUM CYANIDE
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	COPPER CYANIDE BATH SOLUTION
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	544923
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	ACID COPPER BATH
Physical Description:	LIQUID
Case Number:	7758987
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20

EAST SIDE PLATING WORKS (Continued) **1000393917**

Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	COPPER (II) SULFATE PENTAHYDRATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4

Chemical:

Chemical Name:	ACID COPPER BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7758987
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Facility ID:	004607
Department Or Division Of Company:	Not reported
Extremely Hazardous Substance:	Not reported
Facility Has Written Emergency Plan:	Not reported
Contains 112R:	Not reported
NAICS Code 1:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
Manager Name:	Not reported
Business Phone:	Not reported
Mailing Address:	Not reported
Mailing City:	Not reported
Mailing State:	Not reported
Mailing Zip:	Not reported
No. of Employees:	Not reported
Day Phone:	Not reported
Placard:	Not reported
Fire Dept Code:	Not reported
FD:	PORTLAND FIRE & RESCUE
Sprinkler System:	Not reported
Emergency Contact:	Not reported
Emergency Procedure:	Not reported
Business Type:	Not reported
Facility Type:	Private
Division/Department:	PLANT 4
Facility Status:	ACTIVE
Status TRI:	Inactive
Status RMP:	Active
Status PSM:	Active
Status CR2K:	Inactive
Status 302:	Inactive
Owner Name:	GARY REHNBERG
Latest Report ID:	28399
Case Number:	7664382
Chemical Name:	PHOSPHORIC ACID BATH
EHS Name:	Not reported
Is Pure:	No
Is Mix:	Yes
Is EHS:	Not reported
Mixture Component:	Not reported
Maximum DailyAmount Code:	20
Maximum DailyAmount Unit:	gal
Chemical Added Date:	08/30/2017
Is ChemPSM:	No
Is Chem112r:	No
Is Chem302:	No
Is Pesticide:	No
Is Fertilizer:	No
Physical State:	Liquid
UNNA Number:	1805
NFPA Health:	Not reported
NFPA Flammability:	Not reported
NFPA Reactivity:	Not reported
NFPA Special Notice:	Not reported
Hazards:	Health SeriousEye, Health SkinCorrosion, Physical Corrosive
No# of Days Onsite:	365
Latitude:	45.5091
Longitude:	-122.662

Facility:

Chemical Name:	F006 FILTERCAKE
Physical Description:	SOLID
Case Number:	20427592

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	R
Description:	OTHER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	COPPER HYDROXIDE
United Nations/north America 4 Digit Class Number:	3077
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Chronic Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.4
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	F006 FILTERCAKE
United Nations/north America 4 Digit Class Number:	3077
Chemical Abstract Service Identifier Number:	20427592
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Chronic Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.4
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	HYDROCHLORIC ACID BATHS
Physical Description:	LIQUID
Case Number:	7647010

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	21
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	E
Temperature Description:	PLASTIC OR NON-METALLIC DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5,000-9,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	HYDROCHLORIC ACID
United Nations/north America 4 Digit Class Number:	1789
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	HYDROCHLORIC ACID BATHS
United Nations/north America 4 Digit Class Number:	1789
Chemical Abstract Service Identifier Number:	7647010
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	POTASSIUM CHLORIDE
Physical Description:	SOLID
Case Number:	7447407

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	J
Description:	BAG
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	POTASSIUM CHLORIDE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	4
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	POTASSIUM CHLORIDE
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7447407
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	Y
Pesticide:	N
Contains 313:	N

Chemical Name:	POTASSIUM CYANIDE
Physical Description:	SOLID
Case Number:	151508

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	POTASSIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1680
Hazard Rank:	3
EHS Ingredient:	POTASSIUM CYANIDE
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	POTASSIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1680
Chemical Abstract Service Identifier Number:	151508
Chemical Is Extremely Hazardous Substance (EHS):	Y
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	SODIUM CYANIDE
Physical Description:	SOLID
Case Number:	143339

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	3
EHS Ingredient:	SODIUM CYANIDE
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	143339
Chemical Is Extremely Hazardous Substance (EHS):	Y
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	SULFURIC ACID 93%
Physical Description:	LIQUID
Case Number:	7664939

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	03
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	E
Description:	PLASTIC OR NON-METALLIC DRUM
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	20-49
Most Hazardous Ingridient:	SULFURIC ACID
United Nations/north America 4 Digit Class Number:	1830
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	SULFURIC ACID 93%
United Nations/north America 4 Digit Class Number:	1830
Chemical Abstract Service Identifier Number:	7664939
Chemical Is Extremely Hazardous Substance (EHS):	Y
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	WASTE CHROMIUM PROCESS
Physical Description:	LIQUID
Case Number:	7440473

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	CHROME COMPOUNDS
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	WASTE CHROMIUM PROCESS
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	7440473
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Y

Chemical Name:	WASTE CYANIDE PROCESS
Physical Description:	LIQUID
Case Number:	143339

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	WASTE CYANIDE PROCESS
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	143339
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	WASTE PROCESS MIXED
Physical Description:	LIQUID
Case Number:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	30
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	10,000-49,999
Most Hazardous Ingridient:	ZINC/CHROME/NICKEL
United Nations/north America 4 Digit Class Number:	3077
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	WASTE PROCESS MIXED
United Nations/north America 4 Digit Class Number:	3077
Chemical Abstract Service Identifier Number:	Not reported
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	ZINC ANODES
Physical Description:	SOLID
Case Number:	7440666

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	K
Description:	BOX
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ZINC
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	1
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ZINC ANODES
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	7440666
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	N

Chemical Name:	ZINC BATHS
Physical Description:	LIQUID
Case Number:	7646857

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ZINC CHLORIDE
United Nations/north America 4 Digit Class Number:	1840
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ZINC BATHS
United Nations/north America 4 Digit Class Number:	1840
Chemical Abstract Service Identifier Number:	7646857
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	ZINC CYANIDE
Physical Description:	SOLID
Case Number:	557211

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	ZINC CYANIDE
United Nations/north America 4 Digit Class Number:	1713
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ZINC CYANIDE
United Nations/north America 4 Digit Class Number:	1713
Chemical Abstract Service Identifier Number:	557211
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	META-KLEEN 58
Physical Description:	SOLID
Case Number:	1310732

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	I
Description:	FIBER DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	3262
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	META-KLEEN 58
United Nations/north America 4 Digit Class Number:	3262
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	BRASS CYANIDE BATH SOLUTION
Physical Description:	LIQUID
Case Number:	544923

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	2
EHS Ingredient:	SODIUM CYANIDE
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	BRASS CYANIDE BATH SOLUTION
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	544923
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	HYDROCHLORIC ACID 31-33%
Physical Description:	LIQUID
Case Number:	7647010

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	HYDROGEN CHLORIDE
United Nations/north America 4 Digit Class Number:	1789
Hazard Rank:	2
EHS Ingredient:	HYDROGEN CHLORIDE
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	HYDROCHLORIC ACID 31-33%
United Nations/north America 4 Digit Class Number:	1789
Chemical Abstract Service Identifier Number:	7647010
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	BOILER CHEMICAL CONDENSATE
Physical Description:	LIQUID
Case Number:	110918

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	R
Description:	OTHER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	MORPHOLINE
United Nations/north America 4 Digit Class Number:	3267
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	BOILER CHEMICAL CONDENSATE
United Nations/north America 4 Digit Class Number:	3267
Chemical Abstract Service Identifier Number:	110918
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	ACID ETCH AX2050 BATH
Physical Description:	LIQUID
Case Number:	000000

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	AMMONIUM BIFLUORIDE
United Nations/north America 4 Digit Class Number:	1727
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ACID ETCH AX2050 BATH
United Nations/north America 4 Digit Class Number:	1727
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CLEAR/COLOR SEAL BATH
Physical Description:	LIQUID
Case Number:	000000

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	NICKEL ACETATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CLEAR/COLOR SEAL BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	NITRIC SOUR BATH
Physical Description:	LIQUID
Case Number:	7697372

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	NITRIC ACID
United Nations/north America 4 Digit Class Number:	2031
Hazard Rank:	2
EHS Ingredient:	NITRIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Poisonous Material
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.1

Chemical:

Chemical Name:	NITRIC SOUR BATH
United Nations/north America 4 Digit Class Number:	2031
Chemical Abstract Service Identifier Number:	7697372
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Poisonous Material
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.1
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	DESMUT A-1714 BATH
Physical Description:	LIQUID
Case Number:	7775271

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	PERSULFATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	DESMUT A-1714 BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7775271
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	PHOSPHORIC ACID BATH
Physical Description:	LIQUID
Case Number:	7664382

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	PHOSPHORIC ACID
United Nations/north America 4 Digit Class Number:	1805
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	PHOSPHORIC ACID BATH
United Nations/north America 4 Digit Class Number:	1805
Chemical Abstract Service Identifier Number:	7664382
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	ANODIZING DYE BATHS
Physical Description:	LIQUID
Case Number:	127093

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM ACETATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Combustible Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	4.5

Chemical:

Chemical Name:	ANODIZING DYE BATHS
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	127093
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Combustible Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	4.5
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	DIE-CAST ACID BATH
Physical Description:	LIQUID
Case Number:	7681381

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	SODIUM BISULFATE
United Nations/north America 4 Digit Class Number:	3260
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4

Chemical:

Chemical Name:	DIE-CAST ACID BATH
United Nations/north America 4 Digit Class Number:	3260
Chemical Abstract Service Identifier Number:	7681381
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CAUSTIC ETCH AX-1897 BATH
Physical Description:	LIQUID
Case Number:	00000

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	NONE LISTED ON MSDS
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	1
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CAUSTIC ETCH AX-1897 BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	00000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	ANODIZE BATH
Physical Description:	LIQUID
Case Number:	7664939

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SULFURIC ACID
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ANODIZE BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7664939
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CHROMAX 4101 YL
Physical Description:	LIQUID
Case Number:	1333820

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	02
Max Amt Possessed During Year CD:	03
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	N
Description:	PLASTIC BOTTLE, JUG, BUCKET
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	20-49
Description Of The Avg Qnty Code:	10-19
Most Hazardous Ingridient:	CHROMIC ACID
United Nations/north America 4 Digit Class Number:	2922
Hazard Rank:	3
EHS Ingredient:	NITRIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Reactive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	4.4

Chemical:

Chemical Name:	CHROMAX 4101 YL
United Nations/north America 4 Digit Class Number:	2922
Chemical Abstract Service Identifier Number:	1333820
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Reactive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	4.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	CHILLER SYSTEM SOLUTION
Physical Description:	LIQUID
Case Number:	107211

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	R
Description:	OTHER
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	LESS THAN NORMAL TEMPERATURE BUT NOT CRYOGENIC
Temperature of The Hazardous Substance Code:	6
Temperature Description:	LESS THAN NORMAL TEMPERATURE BUT NOT CRYOGENIC
Temperature of The Hazardous Substance Code:	6
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ETHYLENE GLYCOL
United Nations/north America 4 Digit Class Number:	3082
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Combustible Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.5
Hazard Class 3 Of The Chemical:	6.4

Chemical:

Chemical Name:	CHILLER SYSTEM SOLUTION
United Nations/north America 4 Digit Class Number:	3082
Chemical Abstract Service Identifier Number:	107211
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Combustible Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.5
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	SCRUBBER TOWER SOLUTION
Physical Description:	LIQUID
Case Number:	1310732

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	1824
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	SCRUBBER TOWER SOLUTION
United Nations/north America 4 Digit Class Number:	1824
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	DI RESIN CANISTERS
Physical Description:	SOLID
Case Number:	000000

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	R
Description:	OTHER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	RESIN
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	DI RESIN CANISTERS
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	MACRO BRITE C-9
Physical Description:	SOLID
Case Number:	1333820

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	CHROMIC ACID
United Nations/north America 4 Digit Class Number:	1463
Hazard Rank:	3
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	MACRO BRITE C-9
United Nations/north America 4 Digit Class Number:	1463
Chemical Abstract Service Identifier Number:	1333820
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	ARCHITECTURAL BLACK SOLUTION
Physical Description:	LIQUID
Case Number:	7488553

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	351
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	STANNOUS SULFATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ARCHITECTURAL BLACK SOLUTION
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7488553
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CADMIUM ANODES
Physical Description:	SOLID
Case Number:	7440439

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	21
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	K
Description:	BOX
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5,000-9,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	CADMIUM
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CADMIUM ANODES
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7440439
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CADMIUM PLATING BATHS
Physical Description:	LIQUID
Case Number:	143339

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CADMIUM PLATING BATHS
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	143339
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	ANODIZING ALUMINUM SOAK CLEANER
Physical Description:	LIQUID
Case Number:	12179043

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	52
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM TETRABORATE PENTAHYDRATE
United Nations/north America 4 Digit Class Number:	1498
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ANODIZING ALUMINUM SOAK CLEANER
United Nations/north America 4 Digit Class Number:	1498
Chemical Abstract Service Identifier Number:	12179043
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	META-KLEEN HDS-40
Physical Description:	SOLID
Case Number:	1310732

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	I
Description:	FIBER DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	META-KLEEN HDS-40
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CAUSTIC BEADS
Physical Description:	SOLID
Case Number:	1310732

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	J
Temperature Description:	BAG
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	1823
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CAUSTIC BEADS
United Nations/north America 4 Digit Class Number:	1823
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CAUSTIC SODA SOLUTION
Physical Description:	LIQUID
Case Number:	1310732

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	E
Temperature Description:	PLASTIC OR NON-METALLIC DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	1824
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CAUSTIC SODA SOLUTION
United Nations/north America 4 Digit Class Number:	1824
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	CHROMATE BATHS
Physical Description:	LIQUID
Case Number:	1333820

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	21
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	E
Temperature Description:	PLASTIC OR NON-METALLIC DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5,000-9,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	CHROMIUM TRIOXIDE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NITRIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Oxidizers
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	5.1

Chemical:

Chemical Name:	CHROMATE BATHS
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	1333820
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Oxidizers
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	5.1
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	COPPER ANODES
Physical Description:	SOLID
Case Number:	7440508

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	30
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	K
Description:	BOX
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	10,000-49,999
Most Hazardous Ingridient:	COPPER
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	COPPER ANODES
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	7440508
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	COPPER CYANIDE
Physical Description:	SOLID
Case Number:	544923

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	F
Description:	CAN
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1587
Hazard Rank:	3
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1587
Chemical Abstract Service Identifier Number:	544923
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	COPPER CYANIDE BATH SOLUTION
Physical Description:	LIQUID
Case Number:	544923

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	3
EHS Ingredient:	SODIUM CYANIDE
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	COPPER CYANIDE BATH SOLUTION
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	544923
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	ACID COPPER BATH
Physical Description:	LIQUID
Case Number:	7758987

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	COPPER (II) SULFATE PENTAHYDRATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4

Chemical:

Chemical Name:	ACID COPPER BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7758987
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Facility ID:	004607
Department Or Division Of Company:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Extremely Hazardous Substance:	Not reported
Facility Has Written Emergency Plan:	Not reported
Contains 112R:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
Manager Name:	Not reported
Business Phone:	Not reported
Mailing Address:	Not reported
Mailing City:	Not reported
Mailing State:	Not reported
Mailing Zip:	Not reported
No. of Employees:	Not reported
Day Phone:	Not reported
Placard:	Not reported
Fire Dept Code:	Not reported
FD:	PORTLAND FIRE & RESCUE
Sprinkler System:	Not reported
Emergency Contact:	Not reported
Emergency Procedure:	Not reported
Business Type:	Not reported
Facility Type:	Private
Division/Department:	PLANT 4
Facility Status:	ACTIVE
Status TRI:	Inactive
Status RMP:	Active
Status PSM:	Active
Status CR2K:	Inactive
Status 302:	Inactive
Owner Name:	GARY REHNBERG
Latest Report ID:	28399
Case Number:	N/A
Chemical Name:	CAUSTIC ETCH AX-1897 BATH
EHS Name:	Not reported
Is Pure:	No
Is Mix:	Yes
Is EHS:	Not reported
Mixture Component:	Not reported
Maximum DailyAmount Code:	20
Maximum DailyAmount Unit:	gal
Chemical Added Date:	08/30/2017
Is ChemPSM:	No
Is Chem112r:	No
Is Chem302:	No
Is Pesticide:	No
Is Fertilizer:	No
Physical State:	Liquid
UNNA Number:	0
NFPA Health:	1
NFPA Flammability:	0
NFPA Reactivity:	0
NFPA Special Notice:	Not reported
Hazards:	Health SeriousEye
No# of Days Onsite:	365
Latitude:	45.5091
Longitude:	-122.662

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility:

Chemical Name:	F006 FILTERCAKE
Physical Description:	SOLID
Case Number:	20427592
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	R
Description:	OTHER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	COPPER HYDROXIDE
United Nations/north America 4 Digit Class Number:	3077
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Chronic Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.4
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	F006 FILTERCAKE
United Nations/north America 4 Digit Class Number:	3077
Chemical Abstract Service Identifier Number:	20427592
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Chronic Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.4
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	HYDROCHLORIC ACID BATHS
Physical Description:	LIQUID
Case Number:	7647010
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	21
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	E
Temperature Description:	PLASTIC OR NON-METALLIC DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5,000-9,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	HYDROCHLORIC ACID
United Nations/north America 4 Digit Class Number:	1789
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	HYDROCHLORIC ACID BATHS
United Nations/north America 4 Digit Class Number:	1789
Chemical Abstract Service Identifier Number:	7647010
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	POTASSIUM CHLORIDE
Physical Description:	SOLID
Case Number:	7447407
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	J
Description:	BAG
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	POTASSIUM CHLORIDE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	4
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	POTASSIUM CHLORIDE
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7447407
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	Y
Pesticide:	N
Contains 313:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	POTASSIUM CYANIDE
Physical Description:	SOLID
Case Number:	151508
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	POTASSIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1680
Hazard Rank:	3
EHS Ingredient:	POTASSIUM CYANIDE
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	POTASSIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1680
Chemical Abstract Service Identifier Number:	151508
Chemical Is Extremely Hazardous Substance (EHS):	Y
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	SODIUM CYANIDE
Physical Description:	SOLID
Case Number:	143339
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	3
EHS Ingredient:	SODIUM CYANIDE
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	143339
Chemical Is Extremely Hazardous Substance (EHS):	Y
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	SULFURIC ACID 93%
Physical Description:	LIQUID
Case Number:	7664939
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	03
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	E
Description:	PLASTIC OR NON-METALLIC DRUM
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	20-49
Most Hazardous Ingridient:	SULFURIC ACID
United Nations/north America 4 Digit Class Number:	1830
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	SULFURIC ACID 93%
United Nations/north America 4 Digit Class Number:	1830
Chemical Abstract Service Identifier Number:	7664939
Chemical Is Extremely Hazardous Substance (EHS):	Y
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	WASTE CHROMIUM PROCESS
Physical Description:	LIQUID
Case Number:	7440473
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	CHROME COMPOUNDS
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	WASTE CHROMIUM PROCESS
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	7440473
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Y

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	WASTE CYANIDE PROCESS
Physical Description:	LIQUID
Case Number:	143339
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	WASTE CYANIDE PROCESS
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	143339
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	WASTE PROCESS MIXED
Physical Description:	LIQUID
Case Number:	Not reported
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	30
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	10,000-49,999
Most Hazardous Ingridient:	ZINC/CHROME/NICKEL
United Nations/north America 4 Digit Class Number:	3077
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	WASTE PROCESS MIXED
United Nations/north America 4 Digit Class Number:	3077
Chemical Abstract Service Identifier Number:	Not reported
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	ZINC ANODES
Physical Description:	SOLID
Case Number:	7440666
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	K
Description:	BOX
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ZINC
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	1
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ZINC ANODES
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	7440666
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	ZINC BATHS
Physical Description:	LIQUID
Case Number:	7646857
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ZINC CHLORIDE
United Nations/north America 4 Digit Class Number:	1840
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ZINC BATHS
United Nations/north America 4 Digit Class Number:	1840
Chemical Abstract Service Identifier Number:	7646857
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	ZINC CYANIDE
Physical Description:	SOLID
Case Number:	557211
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	ZINC CYANIDE
United Nations/north America 4 Digit Class Number:	1713
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ZINC CYANIDE
United Nations/north America 4 Digit Class Number:	1713
Chemical Abstract Service Identifier Number:	557211
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	META-KLEEN 58
Physical Description:	SOLID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	I
Description:	FIBER DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	3262
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	META-KLEEN 58
United Nations/north America 4 Digit Class Number:	3262
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	BRASS CYANIDE BATH SOLUTION
Physical Description:	LIQUID
Case Number:	544923
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	2
EHS Ingredient:	SODIUM CYANIDE
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	BRASS CYANIDE BATH SOLUTION
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	544923
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	HYDROCHLORIC ACID 31-33%
Physical Description:	LIQUID
Case Number:	7647010
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	HYDROGEN CHLORIDE
United Nations/north America 4 Digit Class Number:	1789
Hazard Rank:	2
EHS Ingredient:	HYDROGEN CHLORIDE
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	HYDROCHLORIC ACID 31-33%
United Nations/north America 4 Digit Class Number:	1789
Chemical Abstract Service Identifier Number:	7647010
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	BOILER CHEMICAL CONDENSATE
Physical Description:	LIQUID
Case Number:	110918
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	R
Description:	OTHER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	MORPHOLINE
United Nations/north America 4 Digit Class Number:	3267
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	BOILER CHEMICAL CONDENSATE
United Nations/north America 4 Digit Class Number:	3267
Chemical Abstract Service Identifier Number:	110918
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	ACID ETCH AX2050 BATH
Physical Description:	LIQUID
Case Number:	000000
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	AMMONIUM BIFLUORIDE
United Nations/north America 4 Digit Class Number:	1727
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ACID ETCH AX2050 BATH
United Nations/north America 4 Digit Class Number:	1727
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	CLEAR/COLOR SEAL BATH
Physical Description:	LIQUID
Case Number:	000000
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	NICKEL ACETATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CLEAR/COLOR SEAL BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	NITRIC SOUR BATH
Physical Description:	LIQUID
Case Number:	7697372
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	NITRIC ACID
United Nations/north America 4 Digit Class Number:	2031
Hazard Rank:	2
EHS Ingredient:	NITRIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Poisonous Material
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.1

Chemical:

Chemical Name:	NITRIC SOUR BATH
United Nations/north America 4 Digit Class Number:	2031
Chemical Abstract Service Identifier Number:	7697372
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Poisonous Material
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.1
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	DESMUT A-1714 BATH
Physical Description:	LIQUID
Case Number:	7775271
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	PERSULFATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	DESMUT A-1714 BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7775271
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	PHOSPHORIC ACID BATH
Physical Description:	LIQUID
Case Number:	7664382
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	PHOSPHORIC ACID
United Nations/north America 4 Digit Class Number:	1805
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	PHOSPHORIC ACID BATH
United Nations/north America 4 Digit Class Number:	1805
Chemical Abstract Service Identifier Number:	7664382
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	ANODIZING DYE BATHS
Physical Description:	LIQUID
Case Number:	127093
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM ACETATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Combustible Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	4.5

Chemical:

Chemical Name:	ANODIZING DYE BATHS
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	127093
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Combustible Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	4.5
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	DIE-CAST ACID BATH
Physical Description:	LIQUID
Case Number:	7681381
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	SODIUM BISULFATE
United Nations/north America 4 Digit Class Number:	3260
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4

Chemical:

Chemical Name:	DIE-CAST ACID BATH
United Nations/north America 4 Digit Class Number:	3260
Chemical Abstract Service Identifier Number:	7681381
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	CAUSTIC ETCH AX-1897 BATH
Physical Description:	LIQUID
Case Number:	00000
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	NONE LISTED ON MSDS
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	1
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CAUSTIC ETCH AX-1897 BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	00000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	ANODIZE BATH
Physical Description:	LIQUID
Case Number:	7664939
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SULFURIC ACID
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ANODIZE BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7664939
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	CHROMAX 4101 YL
Physical Description:	LIQUID
Case Number:	1333820
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	02
Max Amt Possessed During Year CD:	03
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	N
Description:	PLASTIC BOTTLE, JUG, BUCKET
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	20-49
Description Of The Avg Qnty Code:	10-19
Most Hazardous Ingridient:	CHROMIC ACID
United Nations/north America 4 Digit Class Number:	2922
Hazard Rank:	3
EHS Ingredient:	NITRIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Reactive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	4.4

Chemical:

Chemical Name:	CHROMAX 4101 YL
United Nations/north America 4 Digit Class Number:	2922
Chemical Abstract Service Identifier Number:	1333820
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Reactive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	4.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	CHILLER SYSTEM SOLUTION
Physical Description:	LIQUID
Case Number:	107211
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	R
Description:	OTHER
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	LESS THAN NORMAL TEMPERATURE BUT NOT CRYOGENIC
Temperature of The Hazardous Substance Code:	6
Temperature Description:	LESS THAN NORMAL TEMPERATURE BUT NOT CRYOGENIC
Temperature of The Hazardous Substance Code:	6
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ETHYLENE GLYCOL
United Nations/north America 4 Digit Class Number:	3082
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Combustible Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.5
Hazard Class 3 Of The Chemical:	6.4

Chemical:

Chemical Name:	CHILLER SYSTEM SOLUTION
United Nations/north America 4 Digit Class Number:	3082
Chemical Abstract Service Identifier Number:	107211
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Combustible Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.5
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	SCRUBBER TOWER SOLUTION
Physical Description:	LIQUID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	1824
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	SCRUBBER TOWER SOLUTION
United Nations/north America 4 Digit Class Number:	1824
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	DI RESIN CANISTERS
Physical Description:	SOLID
Case Number:	000000
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	R
Description:	OTHER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	RESIN
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	DI RESIN CANISTERS
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	MACRO BRITE C-9
Physical Description:	SOLID
Case Number:	1333820
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	CHROMIC ACID
United Nations/north America 4 Digit Class Number:	1463
Hazard Rank:	3
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	MACRO BRITE C-9
United Nations/north America 4 Digit Class Number:	1463
Chemical Abstract Service Identifier Number:	1333820
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	ARCHITECTURAL BLACK SOLUTION
Physical Description:	LIQUID
Case Number:	7488553
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	351
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	STANNOUS SULFATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ARCHITECTURAL BLACK SOLUTION
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7488553
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	CADMIUM ANODES
Physical Description:	SOLID
Case Number:	7440439
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	21
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	K
Description:	BOX
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5,000-9,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	CADMIUM
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CADMIUM ANODES
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7440439
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	CADMIUM PLATING BATHS
Physical Description:	LIQUID
Case Number:	143339
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CADMIUM PLATING BATHS
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	143339
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	ANODIZING ALUMINUM SOAK CLEANER
Physical Description:	LIQUID
Case Number:	12179043
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	52
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM TETRABORATE PENTAHYDRATE
United Nations/north America 4 Digit Class Number:	1498
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ANODIZING ALUMINUM SOAK CLEANER
United Nations/north America 4 Digit Class Number:	1498
Chemical Abstract Service Identifier Number:	12179043
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	META-KLEEN HDS-40
Physical Description:	SOLID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	I
Description:	FIBER DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	META-KLEEN HDS-40
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	CAUSTIC BEADS
Physical Description:	SOLID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	J
Temperature Description:	BAG
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	1823
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CAUSTIC BEADS
United Nations/north America 4 Digit Class Number:	1823
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	CAUSTIC SODA SOLUTION
Physical Description:	LIQUID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	E
Temperature Description:	PLASTIC OR NON-METALLIC DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	1824
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CAUSTIC SODA SOLUTION
United Nations/north America 4 Digit Class Number:	1824
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	CHROMATE BATHS
Physical Description:	LIQUID
Case Number:	1333820
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	21
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	E
Temperature Description:	PLASTIC OR NON-METALLIC DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5,000-9,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	CHROMIUM TRIOXIDE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NITRIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Oxidizers
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	5.1

Chemical:

Chemical Name:	CHROMATE BATHS
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	1333820
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Oxidizers
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	5.1
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	COPPER ANODES
Physical Description:	SOLID
Case Number:	7440508
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	30
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	K
Description:	BOX
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	10,000-49,999
Most Hazardous Ingridient:	COPPER
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	COPPER ANODES
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	7440508
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	COPPER CYANIDE
Physical Description:	SOLID
Case Number:	544923
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	F
Description:	CAN
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1587
Hazard Rank:	3
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1587
Chemical Abstract Service Identifier Number:	544923
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	COPPER CYANIDE BATH SOLUTION
Physical Description:	LIQUID
Case Number:	544923
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	3
EHS Ingredient:	SODIUM CYANIDE
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	COPPER CYANIDE BATH SOLUTION
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	544923
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Name:	ACID COPPER BATH
Physical Description:	LIQUID
Case Number:	7758987
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	COPPER (II) SULFATE PENTAHYDRATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4

Chemical:

Chemical Name:	ACID COPPER BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7758987
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

EAST SIDE PLATING WORKS (Continued) **1000393917**

Facility ID:	004607
Department Or Division Of Company:	Not reported
Extremely Hazardous Substance:	Not reported
Facility Has Written Emergency Plan:	Not reported
Contains 112R:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
Manager Name:	Not reported
Business Phone:	Not reported
Mailing Address:	Not reported
Mailing City:	Not reported
Mailing State:	Not reported
Mailing Zip:	Not reported
No. of Employees:	Not reported
Day Phone:	Not reported
Placard:	Not reported
Fire Dept Code:	Not reported
FD:	PORTLAND FIRE & RESCUE
Sprinkler System:	Not reported
Emergency Contact:	Not reported
Emergency Procedure:	Not reported
Business Type:	Not reported
Facility Type:	Private
Division/Department:	PLANT 4
Facility Status:	ACTIVE
Status TRI:	Inactive
Status RMP:	Active
Status PSM:	Active
Status CR2K:	Inactive
Status 302:	Inactive
Owner Name:	GARY REHNBERG
Latest Report ID:	28399
Case Number:	107211
Chemical Name:	CHILLER SYSTEM SOLUTION
EHS Name:	Not reported
Is Pure:	Yes
Is Mix:	No
Is EHS:	Not reported
Mixture Component:	Not reported
Maximum DailyAmount Code:	20
Maximum DailyAmount Unit:	gal
Chemical Added Date:	08/30/2017
Is ChemPSM:	No
Is Chem112r:	No
Is Chem302:	No
Is Pesticide:	No
Is Fertilizer:	No
Physical State:	Liquid
UNNA Number:	3082
NFPA Health:	1
NFPA Flammability:	1
NFPA Reactivity:	0
NFPA Special Notice:	Not reported
Hazards:	Health SeriousEye, Health SkinCorrosion
No# of Days Onsite:	365

EAST SIDE PLATING WORKS (Continued) **1000393917**

Latitude:	45.5091
Longitude:	-122.662

Facility:

Chemical Name:	F006 FILTERCAKE
Physical Description:	SOLID
Case Number:	20427592
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	R
Description:	OTHER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	COPPER HYDROXIDE
United Nations/north America 4 Digit Class Number:	3077
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Chronic Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.4
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	F006 FILTERCAKE
United Nations/north America 4 Digit Class Number:	3077
Chemical Abstract Service Identifier Number:	20427592
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Chronic Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.4
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	N
Contains 313:	Y
Chemical Name:	HYDROCHLORIC ACID BATHS
Physical Description:	LIQUID
Case Number:	7647010
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	21
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	E
Temperature Description:	PLASTIC OR NON-METALLIC DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5,000-9,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	HYDROCHLORIC ACID
United Nations/north America 4 Digit Class Number:	1789
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	HYDROCHLORIC ACID BATHS
United Nations/north America 4 Digit Class Number:	1789
Chemical Abstract Service Identifier Number:	7647010
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	N
Contains 313:	N
Chemical Name:	POTASSIUM CHLORIDE
Physical Description:	SOLID
Case Number:	7447407
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	J
Description:	BAG
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	POTASSIUM CHLORIDE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	4
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	POTASSIUM CHLORIDE
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7447407
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	Y

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	N
Contains 313:	N
Chemical Name:	POTASSIUM CYANIDE
Physical Description:	SOLID
Case Number:	151508
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	POTASSIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1680
Hazard Rank:	3
EHS Ingredient:	POTASSIUM CYANIDE
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	POTASSIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1680
Chemical Abstract Service Identifier Number:	151508
Chemical Is Extremely Hazardous Substance (EHS):	Y
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	N
Contains 313:	N

Chemical Name:	SODIUM CYANIDE
Physical Description:	SOLID
Case Number:	143339
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	3
EHS Ingredient:	SODIUM CYANIDE
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	143339
Chemical Is Extremely Hazardous Substance (EHS):	Y
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	N
Contains 313:	N
Chemical Name:	SULFURIC ACID 93%
Physical Description:	LIQUID
Case Number:	7664939
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	03
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	E
Description:	PLASTIC OR NON-METALLIC DRUM
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	20-49
Most Hazardous Ingridient:	SULFURIC ACID
United Nations/north America 4 Digit Class Number:	1830
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	SULFURIC ACID 93%
United Nations/north America 4 Digit Class Number:	1830
Chemical Abstract Service Identifier Number:	7664939
Chemical Is Extremely Hazardous Substance (EHS):	Y
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	N
Contains 313:	N
Chemical Name:	WASTE CHROMIUM PROCESS
Physical Description:	LIQUID
Case Number:	7440473
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	CHROME COMPOUNDS
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	WASTE CHROMIUM PROCESS
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	7440473
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	Not reported
Contains 313:	Y
Chemical Name:	WASTE CYANIDE PROCESS
Physical Description:	LIQUID
Case Number:	143339
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	WASTE CYANIDE PROCESS
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	143339
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	Not reported
Contains 313:	Not reported
Chemical Name:	WASTE PROCESS MIXED
Physical Description:	LIQUID
Case Number:	Not reported
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	30
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	10,000-49,999
Most Hazardous Ingridient:	ZINC/CHROME/NICKEL
United Nations/north America 4 Digit Class Number:	3077
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	WASTE PROCESS MIXED
United Nations/north America 4 Digit Class Number:	3077
Chemical Abstract Service Identifier Number:	Not reported
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	Not reported
Contains 313:	Not reported
Chemical Name:	ZINC ANODES
Physical Description:	SOLID
Case Number:	7440666
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	K
Description:	BOX
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ZINC
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	1
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ZINC ANODES
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	7440666
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	Not reported
Contains 313:	N
Chemical Name:	ZINC BATHS
Physical Description:	LIQUID
Case Number:	7646857
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ZINC CHLORIDE
United Nations/north America 4 Digit Class Number:	1840
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ZINC BATHS
United Nations/north America 4 Digit Class Number:	1840
Chemical Abstract Service Identifier Number:	7646857
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	Not reported
Contains 313:	Not reported
Chemical Name:	ZINC CYANIDE
Physical Description:	SOLID
Case Number:	557211
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	ZINC CYANIDE
United Nations/north America 4 Digit Class Number:	1713
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ZINC CYANIDE
United Nations/north America 4 Digit Class Number:	1713
Chemical Abstract Service Identifier Number:	557211
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	N
Contains 313:	N
Chemical Name:	META-KLEEN 58
Physical Description:	SOLID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	I
Description:	FIBER DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	3262
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	META-KLEEN 58
United Nations/north America 4 Digit Class Number:	3262
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	N
Contains 313:	N
Chemical Name:	BRASS CYANIDE BATH SOLUTION
Physical Description:	LIQUID
Case Number:	544923
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	2
EHS Ingredient:	SODIUM CYANIDE
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	BRASS CYANIDE BATH SOLUTION
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	544923
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	N
Contains 313:	Y
Chemical Name:	HYDROCHLORIC ACID 31-33%
Physical Description:	LIQUID
Case Number:	7647010
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	HYDROGEN CHLORIDE
United Nations/north America 4 Digit Class Number:	1789
Hazard Rank:	2
EHS Ingredient:	HYDROGEN CHLORIDE
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	HYDROCHLORIC ACID 31-33%
United Nations/north America 4 Digit Class Number:	1789
Chemical Abstract Service Identifier Number:	7647010
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	N
Contains 313:	Y
Chemical Name:	BOILER CHEMICAL CONDENSATE
Physical Description:	LIQUID
Case Number:	110918
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	R
Description:	OTHER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	MORPHOLINE
United Nations/north America 4 Digit Class Number:	3267
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	BOILER CHEMICAL CONDENSATE
United Nations/north America 4 Digit Class Number:	3267
Chemical Abstract Service Identifier Number:	110918
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	N
Contains 313:	N

Chemical Name:	ACID ETCH AX2050 BATH
Physical Description:	LIQUID
Case Number:	000000
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	AMMONIUM BIFLUORIDE
United Nations/north America 4 Digit Class Number:	1727
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ACID ETCH AX2050 BATH
United Nations/north America 4 Digit Class Number:	1727
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	N
Contains 313:	N
Chemical Name:	CLEAR/COLOR SEAL BATH
Physical Description:	LIQUID
Case Number:	000000
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	NICKEL ACETATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CLEAR/COLOR SEAL BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	N
Contains 313:	Y
Chemical Name:	NITRIC SOUR BATH
Physical Description:	LIQUID
Case Number:	7697372
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	NITRIC ACID
United Nations/north America 4 Digit Class Number:	2031
Hazard Rank:	2
EHS Ingredient:	NITRIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Poisonous Material
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.1

Chemical:

Chemical Name:	NITRIC SOUR BATH
United Nations/north America 4 Digit Class Number:	2031
Chemical Abstract Service Identifier Number:	7697372
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Poisonous Material
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.1
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	N
Contains 313:	Y
Chemical Name:	DESMUT A-1714 BATH
Physical Description:	LIQUID
Case Number:	7775271
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	PERSULFATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	DESMUT A-1714 BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7775271
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	N
Contains 313:	N

Chemical Name:	PHOSPHORIC ACID BATH
Physical Description:	LIQUID
Case Number:	7664382
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	PHOSPHORIC ACID
United Nations/north America 4 Digit Class Number:	1805
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	PHOSPHORIC ACID BATH
United Nations/north America 4 Digit Class Number:	1805
Chemical Abstract Service Identifier Number:	7664382
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	N
Contains 313:	N
Chemical Name:	ANODIZING DYE BATHS
Physical Description:	LIQUID
Case Number:	127093
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM ACETATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Combustible Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	4.5

Chemical:

Chemical Name:	ANODIZING DYE BATHS
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	127093
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Combustible Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	4.5
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	N
Contains 313:	Y
Chemical Name:	DIE-CAST ACID BATH
Physical Description:	LIQUID
Case Number:	7681381
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	SODIUM BISULFATE
United Nations/north America 4 Digit Class Number:	3260
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4

Chemical:

Chemical Name:	DIE-CAST ACID BATH
United Nations/north America 4 Digit Class Number:	3260
Chemical Abstract Service Identifier Number:	7681381
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	N
Contains 313:	N

Chemical Name:	CAUSTIC ETCH AX-1897 BATH
Physical Description:	LIQUID
Case Number:	00000
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	NONE LISTED ON MSDS
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	1
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CAUSTIC ETCH AX-1897 BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	00000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	N
Contains 313:	N
Chemical Name:	ANODIZE BATH
Physical Description:	LIQUID
Case Number:	7664939
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SULFURIC ACID
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ANODIZE BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7664939
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	N
Contains 313:	N
Chemical Name:	CHROMAX 4101 YL
Physical Description:	LIQUID
Case Number:	1333820
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	02
Max Amt Possessed During Year CD:	03
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	N
Description:	PLASTIC BOTTLE, JUG, BUCKET
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	20-49
Description Of The Avg Qnty Code:	10-19
Most Hazardous Ingridient:	CHROMIC ACID
United Nations/north America 4 Digit Class Number:	2922
Hazard Rank:	3
EHS Ingredient:	NITRIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Reactive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	4.4

Chemical:

Chemical Name:	CHROMAX 4101 YL
United Nations/north America 4 Digit Class Number:	2922
Chemical Abstract Service Identifier Number:	1333820
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Reactive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	4.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	N
Contains 313:	Y
Chemical Name:	CHILLER SYSTEM SOLUTION
Physical Description:	LIQUID
Case Number:	107211
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	R
Description:	OTHER
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	LESS THAN NORMAL TEMPERATURE BUT NOT CRYOGENIC
Temperature of The Hazardous Substance Code:	6
Temperature Description:	LESS THAN NORMAL TEMPERATURE BUT NOT CRYOGENIC
Temperature of The Hazardous Substance Code:	6
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ETHYLENE GLYCOL
United Nations/north America 4 Digit Class Number:	3082
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Combustible Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.5
Hazard Class 3 Of The Chemical:	6.4

Chemical:

Chemical Name:	CHILLER SYSTEM SOLUTION
United Nations/north America 4 Digit Class Number:	3082
Chemical Abstract Service Identifier Number:	107211
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Combustible Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.5
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	N
Contains 313:	Y
Chemical Name:	SCRUBBER TOWER SOLUTION
Physical Description:	LIQUID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	1824
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	SCRUBBER TOWER SOLUTION
United Nations/north America 4 Digit Class Number:	1824
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	N
Contains 313:	N
Chemical Name:	DI RESIN CANISTERS
Physical Description:	SOLID
Case Number:	000000
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	R
Description:	OTHER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	RESIN
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	DI RESIN CANISTERS
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	N
Contains 313:	N

Chemical Name:	MACRO BRITE C-9
Physical Description:	SOLID
Case Number:	1333820
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	CHROMIC ACID
United Nations/north America 4 Digit Class Number:	1463
Hazard Rank:	3
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	MACRO BRITE C-9
United Nations/north America 4 Digit Class Number:	1463
Chemical Abstract Service Identifier Number:	1333820
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	N
Contains 313:	N
Chemical Name:	ARCHITECTURAL BLACK SOLUTION
Physical Description:	LIQUID
Case Number:	7488553
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	351
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	STANNOUS SULFATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ARCHITECTURAL BLACK SOLUTION
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7488553
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	N
Contains 313:	N
Chemical Name:	CADMIUM ANODES
Physical Description:	SOLID
Case Number:	7440439
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	21
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	K
Description:	BOX
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5,000-9,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	CADMIUM
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CADMIUM ANODES
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7440439
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	N
Contains 313:	N
Chemical Name:	CADMIUM PLATING BATHS
Physical Description:	LIQUID
Case Number:	143339
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CADMIUM PLATING BATHS
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	143339
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	Not reported
Contains 313:	Not reported
Chemical Name:	ANODIZING ALUMINUM SOAK CLEANER
Physical Description:	LIQUID
Case Number:	12179043
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	52
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM TETRABORATE PENTAHYDRATE
United Nations/north America 4 Digit Class Number:	1498
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ANODIZING ALUMINUM SOAK CLEANER
United Nations/north America 4 Digit Class Number:	1498
Chemical Abstract Service Identifier Number:	12179043
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	N
Contains 313:	Y
Chemical Name:	META-KLEEN HDS-40
Physical Description:	SOLID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	I
Description:	FIBER DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	META-KLEEN HDS-40
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	N
Contains 313:	N
Chemical Name:	CAUSTIC BEADS
Physical Description:	SOLID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	J
Temperature Description:	BAG
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	1823
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CAUSTIC BEADS
United Nations/north America 4 Digit Class Number:	1823
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	N
Contains 313:	N
Chemical Name:	CAUSTIC SODA SOLUTION
Physical Description:	LIQUID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	E
Temperature Description:	PLASTIC OR NON-METALLIC DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	1824
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CAUSTIC SODA SOLUTION
United Nations/north America 4 Digit Class Number:	1824
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	Not reported
Contains 313:	Not reported
Chemical Name:	CHROMATE BATHS
Physical Description:	LIQUID
Case Number:	1333820
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	21
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	E
Temperature Description:	PLASTIC OR NON-METALLIC DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5,000-9,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	CHROMIUM TRIOXIDE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NITRIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Oxidizers
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	5.1

Chemical:

Chemical Name:	CHROMATE BATHS
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	1333820
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Oxidizers
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	5.1
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	N
Contains 313:	Y
Chemical Name:	COPPER ANODES
Physical Description:	SOLID
Case Number:	7440508
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	30
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	K
Description:	BOX
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	10,000-49,999
Most Hazardous Ingridient:	COPPER
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	COPPER ANODES
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	7440508
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	N
Contains 313:	N

Chemical Name:	COPPER CYANIDE
Physical Description:	SOLID
Case Number:	544923
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	F
Description:	CAN
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1587
Hazard Rank:	3
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1587
Chemical Abstract Service Identifier Number:	544923
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	N
Contains 313:	Y
Chemical Name:	COPPER CYANIDE BATH SOLUTION
Physical Description:	LIQUID
Case Number:	544923
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	3
EHS Ingredient:	SODIUM CYANIDE
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	COPPER CYANIDE BATH SOLUTION
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	544923
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	N
Contains 313:	Y
Chemical Name:	ACID COPPER BATH
Physical Description:	LIQUID
Case Number:	7758987
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	COPPER (II) SULFATE PENTAHYDRATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4

Chemical:

Chemical Name:	ACID COPPER BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7758987
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N

EAST SIDE PLATING WORKS (Continued) **1000393917**

Pesticide:	N
Contains 313:	Y
Facility ID:	004607
Department Or Division Of Company:	Not reported
Extremely Hazardous Substance:	Not reported
Facility Has Written Emergency Plan:	Not reported
Contains 112R:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
Manager Name:	Not reported
Business Phone:	Not reported
Mailing Address:	Not reported
Mailing City:	Not reported
Mailing State:	Not reported
Mailing Zip:	Not reported
No. of Employees:	Not reported
Day Phone:	Not reported
Placard:	Not reported
Fire Dept Code:	Not reported
FD:	PORTLAND FIRE & RESCUE
Sprinkler System:	Not reported
Emergency Contact:	Not reported
Emergency Procedure:	Not reported
Business Type:	Not reported
Facility Type:	Private
Division/Department:	PLANT 4
Facility Status:	ACTIVE
Status TRI:	Inactive
Status RMP:	Active
Status PSM:	Active
Status CR2K:	Inactive
Status 302:	Inactive
Owner Name:	GARY REHNBERG
Latest Report ID:	28399
Case Number:	12179043
Chemical Name:	ANODIZING ALUMINUM SOAK CLEANER
EHS Name:	Not reported
Is Pure:	No
Is Mix:	Yes
Is EHS:	Not reported
Mixture Component:	Not reported
Maximum DailyAmount Code:	20
Maximum DailyAmount Unit:	gal
Chemical Added Date:	08/30/2017
Is ChemPSM:	No
Is Chem112r:	No
Is Chem302:	No
Is Pesticide:	No
Is Fertilizer:	No
Physical State:	Liquid
UNNA Number:	1498
NFPA Health:	2

EAST SIDE PLATING WORKS (Continued) **1000393917**

NFPA Flammability:	0
NFPA Reactivity:	1
NFPA Special Notice:	OX
Hazards:	Health SeriousEye, Health SkinCorrosion
No# of Days Onsite:	52
Latitude:	45.5091
Longitude:	-122.662

Facility:

Chemical Name:	F006 FILTERCAKE
Physical Description:	SOLID
Case Number:	20427592
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	R
Description:	OTHER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	COPPER HYDROXIDE
United Nations/north America 4 Digit Class Number:	3077
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Chronic Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.4
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	F006 FILTERCAKE
United Nations/north America 4 Digit Class Number:	3077
Chemical Abstract Service Identifier Number:	20427592
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Chronic Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.4
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	HYDROCHLORIC ACID BATHS
Physical Description:	LIQUID
Case Number:	7647010
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	21
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	E
Temperature Description:	PLASTIC OR NON-METALLIC DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5,000-9,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	HYDROCHLORIC ACID
United Nations/north America 4 Digit Class Number:	1789
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	HYDROCHLORIC ACID BATHS
United Nations/north America 4 Digit Class Number:	1789
Chemical Abstract Service Identifier Number:	7647010
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	POTASSIUM CHLORIDE
Physical Description:	SOLID
Case Number:	7447407
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	J
Description:	BAG
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	POTASSIUM CHLORIDE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	4
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	POTASSIUM CHLORIDE
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7447407
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	Y
Pesticide:	N
Contains 313:	N

Chemical Name:	POTASSIUM CYANIDE
Physical Description:	SOLID
Case Number:	151508
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	POTASSIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1680
Hazard Rank:	3
EHS Ingredient:	POTASSIUM CYANIDE
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	POTASSIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1680
Chemical Abstract Service Identifier Number:	151508
Chemical Is Extremely Hazardous Substance (EHS):	Y
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	SODIUM CYANIDE
Physical Description:	SOLID
Case Number:	143339
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	3
EHS Ingredient:	SODIUM CYANIDE
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	143339
Chemical Is Extremely Hazardous Substance (EHS):	Y
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	SULFURIC ACID 93%
Physical Description:	LIQUID
Case Number:	7664939
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	03
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	E
Description:	PLASTIC OR NON-METALLIC DRUM
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	20-49
Most Hazardous Ingridient:	SULFURIC ACID
United Nations/north America 4 Digit Class Number:	1830
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	SULFURIC ACID 93%
United Nations/north America 4 Digit Class Number:	1830
Chemical Abstract Service Identifier Number:	7664939
Chemical Is Extremely Hazardous Substance (EHS):	Y
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	WASTE CHROMIUM PROCESS
Physical Description:	LIQUID
Case Number:	7440473
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	CHROME COMPOUNDS
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	WASTE CHROMIUM PROCESS
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	7440473
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Y

Chemical Name:	WASTE CYANIDE PROCESS
Physical Description:	LIQUID
Case Number:	143339
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	WASTE CYANIDE PROCESS
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	143339
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	WASTE PROCESS MIXED
Physical Description:	LIQUID
Case Number:	Not reported
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	30
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	10,000-49,999
Most Hazardous Ingridient:	ZINC/CHROME/NICKEL
United Nations/north America 4 Digit Class Number:	3077
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	WASTE PROCESS MIXED
United Nations/north America 4 Digit Class Number:	3077
Chemical Abstract Service Identifier Number:	Not reported
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	ZINC ANODES
Physical Description:	SOLID
Case Number:	7440666
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	K
Description:	BOX
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ZINC
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	1
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ZINC ANODES
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	7440666
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	N

Chemical Name:	ZINC BATHS
Physical Description:	LIQUID
Case Number:	7646857
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ZINC CHLORIDE
United Nations/north America 4 Digit Class Number:	1840
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ZINC BATHS
United Nations/north America 4 Digit Class Number:	1840
Chemical Abstract Service Identifier Number:	7646857
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	ZINC CYANIDE
Physical Description:	SOLID
Case Number:	557211
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	ZINC CYANIDE
United Nations/north America 4 Digit Class Number:	1713
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ZINC CYANIDE
United Nations/north America 4 Digit Class Number:	1713
Chemical Abstract Service Identifier Number:	557211
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	META-KLEEN 58
Physical Description:	SOLID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	I
Description:	FIBER DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	3262
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	META-KLEEN 58
United Nations/north America 4 Digit Class Number:	3262
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	BRASS CYANIDE BATH SOLUTION
Physical Description:	LIQUID
Case Number:	544923
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	2
EHS Ingredient:	SODIUM CYANIDE
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	BRASS CYANIDE BATH SOLUTION
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	544923
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	HYDROCHLORIC ACID 31-33%
Physical Description:	LIQUID
Case Number:	7647010
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	HYDROGEN CHLORIDE
United Nations/north America 4 Digit Class Number:	1789
Hazard Rank:	2
EHS Ingredient:	HYDROGEN CHLORIDE
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	HYDROCHLORIC ACID 31-33%
United Nations/north America 4 Digit Class Number:	1789
Chemical Abstract Service Identifier Number:	7647010
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	BOILER CHEMICAL CONDENSATE
Physical Description:	LIQUID
Case Number:	110918
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	R
Description:	OTHER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	MORPHOLINE
United Nations/north America 4 Digit Class Number:	3267
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	BOILER CHEMICAL CONDENSATE
United Nations/north America 4 Digit Class Number:	3267
Chemical Abstract Service Identifier Number:	110918
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	ACID ETCH AX2050 BATH
Physical Description:	LIQUID
Case Number:	000000
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	AMMONIUM BIFLUORIDE
United Nations/north America 4 Digit Class Number:	1727
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ACID ETCH AX2050 BATH
United Nations/north America 4 Digit Class Number:	1727
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CLEAR/COLOR SEAL BATH
Physical Description:	LIQUID
Case Number:	000000
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	NICKEL ACETATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CLEAR/COLOR SEAL BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	NITRIC SOUR BATH
Physical Description:	LIQUID
Case Number:	7697372
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	NITRIC ACID
United Nations/north America 4 Digit Class Number:	2031
Hazard Rank:	2
EHS Ingredient:	NITRIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Poisonous Material
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.1

Chemical:

Chemical Name:	NITRIC SOUR BATH
United Nations/north America 4 Digit Class Number:	2031
Chemical Abstract Service Identifier Number:	7697372
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Poisonous Material
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.1

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	DESMUT A-1714 BATH
Physical Description:	LIQUID
Case Number:	7775271
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	PERSULFATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	DESMUT A-1714 BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7775271
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	PHOSPHORIC ACID BATH
Physical Description:	LIQUID
Case Number:	7664382
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	PHOSPHORIC ACID
United Nations/north America 4 Digit Class Number:	1805
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	PHOSPHORIC ACID BATH
United Nations/north America 4 Digit Class Number:	1805
Chemical Abstract Service Identifier Number:	7664382
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	ANODIZING DYE BATHS
Physical Description:	LIQUID
Case Number:	127093
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM ACETATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Combustible Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	4.5

Chemical:

Chemical Name:	ANODIZING DYE BATHS
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	127093
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Combustible Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	4.5

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	DIE-CAST ACID BATH
Physical Description:	LIQUID
Case Number:	7681381
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	SODIUM BISULFATE
United Nations/north America 4 Digit Class Number:	3260
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4

Chemical:

Chemical Name:	DIE-CAST ACID BATH
United Nations/north America 4 Digit Class Number:	3260
Chemical Abstract Service Identifier Number:	7681381
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CAUSTIC ETCH AX-1897 BATH
Physical Description:	LIQUID
Case Number:	00000
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	NONE LISTED ON MSDS
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	1
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CAUSTIC ETCH AX-1897 BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	00000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	ANODIZE BATH
Physical Description:	LIQUID
Case Number:	7664939
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SULFURIC ACID
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ANODIZE BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7664939
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CHROMAX 4101 YL
Physical Description:	LIQUID
Case Number:	1333820
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	02
Max Amt Possessed During Year CD:	03
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	N
Description:	PLASTIC BOTTLE, JUG, BUCKET
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	20-49
Description Of The Avg Qnty Code:	10-19
Most Hazardous Ingridient:	CHROMIC ACID
United Nations/north America 4 Digit Class Number:	2922
Hazard Rank:	3
EHS Ingredient:	NITRIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Reactive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	4.4

Chemical:

Chemical Name:	CHROMAX 4101 YL
United Nations/north America 4 Digit Class Number:	2922
Chemical Abstract Service Identifier Number:	1333820
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Reactive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	4.4

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	CHILLER SYSTEM SOLUTION
Physical Description:	LIQUID
Case Number:	107211
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	R
Description:	OTHER
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	LESS THAN NORMAL TEMPERATURE BUT NOT CRYOGENIC
Temperature of The Hazardous Substance Code:	6
Temperature Description:	LESS THAN NORMAL TEMPERATURE BUT NOT CRYOGENIC
Temperature of The Hazardous Substance Code:	6
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ETHYLENE GLYCOL
United Nations/north America 4 Digit Class Number:	3082
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Combustible Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.5
Hazard Class 3 Of The Chemical:	6.4

Chemical:

Chemical Name:	CHILLER SYSTEM SOLUTION
United Nations/north America 4 Digit Class Number:	3082
Chemical Abstract Service Identifier Number:	107211
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Combustible Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.5
Hazard Class 3 Of The Chemical:	6.4

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	SCRUBBER TOWER SOLUTION
Physical Description:	LIQUID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	1824
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	SCRUBBER TOWER SOLUTION
United Nations/north America 4 Digit Class Number:	1824
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	DI RESIN CANISTERS
Physical Description:	SOLID
Case Number:	000000
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	R
Description:	OTHER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	RESIN
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	DI RESIN CANISTERS
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	MACRO BRITE C-9
Physical Description:	SOLID
Case Number:	1333820
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	CHROMIC ACID
United Nations/north America 4 Digit Class Number:	1463
Hazard Rank:	3
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	MACRO BRITE C-9
United Nations/north America 4 Digit Class Number:	1463
Chemical Abstract Service Identifier Number:	1333820
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	8.0

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	ARCHITECTURAL BLACK SOLUTION
Physical Description:	LIQUID
Case Number:	7488553
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	351
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	STANNOUS SULFATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ARCHITECTURAL BLACK SOLUTION
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7488553
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CADMIUM ANODES
Physical Description:	SOLID
Case Number:	7440439
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	21
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	K
Description:	BOX
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5,000-9,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	CADMIUM
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CADMIUM ANODES
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7440439
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CADMIUM PLATING BATHS
Physical Description:	LIQUID
Case Number:	143339
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CADMIUM PLATING BATHS
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	143339
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	ANODIZING ALUMINUM SOAK CLEANER
Physical Description:	LIQUID
Case Number:	12179043
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	52
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM TETRABORATE PENTAHYDRATE
United Nations/north America 4 Digit Class Number:	1498
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ANODIZING ALUMINUM SOAK CLEANER
United Nations/north America 4 Digit Class Number:	1498
Chemical Abstract Service Identifier Number:	12179043
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	META-KLEEN HDS-40
Physical Description:	SOLID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	I
Description:	FIBER DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	META-KLEEN HDS-40
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CAUSTIC BEADS
Physical Description:	SOLID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	J
Temperature Description:	BAG
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	1823
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CAUSTIC BEADS
United Nations/north America 4 Digit Class Number:	1823
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CAUSTIC SODA SOLUTION
Physical Description:	LIQUID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	E
Temperature Description:	PLASTIC OR NON-METALLIC DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	1824
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CAUSTIC SODA SOLUTION
United Nations/north America 4 Digit Class Number:	1824
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	CHROMATE BATHS
Physical Description:	LIQUID
Case Number:	1333820
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	21
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	E
Temperature Description:	PLASTIC OR NON-METALLIC DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5,000-9,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	CHROMIUM TRIOXIDE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NITRIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Oxidizers
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	5.1

Chemical:

Chemical Name:	CHROMATE BATHS
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	1333820
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Oxidizers
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	5.1

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	COPPER ANODES
Physical Description:	SOLID
Case Number:	7440508
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	30
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	K
Description:	BOX
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	10,000-49,999
Most Hazardous Ingridient:	COPPER
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	COPPER ANODES
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	7440508
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	COPPER CYANIDE
Physical Description:	SOLID
Case Number:	544923
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	F
Description:	CAN
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1587
Hazard Rank:	3
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1587
Chemical Abstract Service Identifier Number:	544923
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	COPPER CYANIDE BATH SOLUTION
Physical Description:	LIQUID
Case Number:	544923
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	3
EHS Ingredient:	SODIUM CYANIDE
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	COPPER CYANIDE BATH SOLUTION
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	544923
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	ACID COPPER BATH
Physical Description:	LIQUID
Case Number:	7758987
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	COPPER (II) SULFATE PENTAHYDRATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4

Chemical:

Chemical Name:	ACID COPPER BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7758987
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Facility ID:	004607
Department Or Division Of Company:	Not reported
Extremely Hazardous Substance:	Not reported
Facility Has Written Emergency Plan:	Not reported
Contains 112R:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
Manager Name:	Not reported
Business Phone:	Not reported
Mailing Address:	Not reported
Mailing City:	Not reported
Mailing State:	Not reported
Mailing Zip:	Not reported
No. of Employees:	Not reported
Day Phone:	Not reported
Placard:	Not reported
Fire Dept Code:	Not reported
FD:	PORTLAND FIRE & RESCUE
Sprinkler System:	Not reported
Emergency Contact:	Not reported
Emergency Procedure:	Not reported
Business Type:	Not reported
Facility Type:	Private
Division/Department:	PLANT 4
Facility Status:	ACTIVE
Status TRI:	Inactive
Status RMP:	Active
Status PSM:	Active
Status CR2K:	Inactive
Status 302:	Inactive
Owner Name:	GARY REHNBERG
Latest Report ID:	28399
Case Number:	1310732
Chemical Name:	META-KLEEN HDS-40
EHS Name:	Not reported
Is Pure:	No
Is Mix:	Yes
Is EHS:	Not reported
Mixture Component:	Not reported
Maximum DailyAmount Code:	11
Maximum DailyAmount Unit:	lbs
Chemical Added Date:	08/30/2017
Is ChemPSM:	No
Is Chem112r:	No
Is Chem302:	No

EAST SIDE PLATING WORKS (Continued) **1000393917**

Is Pesticide:	No
Is Fertilizer:	No
Physical State:	Solid
UNNA Number:	0
NFPA Health:	Not reported
NFPA Flammability:	Not reported
NFPA Reactivity:	Not reported
NFPA Special Notice:	Not reported
Hazards:	Health SeriousEye, Health SkinCorrosion, Physical Corrosive
No# of Days Onsite:	365
Latitude:	45.5091
Longitude:	-122.662

Facility:

Chemical Name:	F006 FILTERCAKE
Physical Description:	SOLID
Case Number:	20427592
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	R
Description:	OTHER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	COPPER HYDROXIDE
United Nations/north America 4 Digit Class Number:	3077
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Chronic Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.4
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	F006 FILTERCAKE
United Nations/north America 4 Digit Class Number:	3077
Chemical Abstract Service Identifier Number:	20427592
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Chronic Health Hazard

EAST SIDE PLATING WORKS (Continued) **1000393917**

Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.4
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	HYDROCHLORIC ACID BATHS
Physical Description:	LIQUID
Case Number:	7647010
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	21
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	E
Temperature Description:	PLASTIC OR NON-METALLIC DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5,000-9,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	HYDROCHLORIC ACID
United Nations/north America 4 Digit Class Number:	1789
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	HYDROCHLORIC ACID BATHS
United Nations/north America 4 Digit Class Number:	1789
Chemical Abstract Service Identifier Number:	7647010
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Corrosive Material

EAST SIDE PLATING WORKS (Continued) **1000393917**

Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	POTASSIUM CHLORIDE
Physical Description:	SOLID
Case Number:	7447407
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	J
Description:	BAG
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	POTASSIUM CHLORIDE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	4
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	POTASSIUM CHLORIDE
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7447407
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard

EAST SIDE PLATING WORKS (Continued) **1000393917**

Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	Y
Pesticide:	N
Contains 313:	N

Chemical Name:	POTASSIUM CYANIDE
Physical Description:	SOLID
Case Number:	151508
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	POTASSIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1680
Hazard Rank:	3
EHS Ingredient:	POTASSIUM CYANIDE
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	POTASSIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1680
Chemical Abstract Service Identifier Number:	151508
Chemical Is Extremely Hazardous Substance (EHS):	Y
First Hazardous Class Code For Chemical:	Poisonous Material

EAST SIDE PLATING WORKS (Continued) **1000393917**

Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	SODIUM CYANIDE
Physical Description:	SOLID
Case Number:	143339
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	3
EHS Ingredient:	SODIUM CYANIDE
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	143339
Chemical Is Extremely Hazardous Substance (EHS):	Y
First Hazardous Class Code For Chemical:	Poisonous Material

EAST SIDE PLATING WORKS (Continued) **1000393917**

Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	SULFURIC ACID 93%
Physical Description:	LIQUID
Case Number:	7664939
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	03
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	E
Description:	PLASTIC OR NON-METALLIC DRUM
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	20-49
Most Hazardous Ingridient:	SULFURIC ACID
United Nations/north America 4 Digit Class Number:	1830
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	SULFURIC ACID 93%
United Nations/north America 4 Digit Class Number:	1830
Chemical Abstract Service Identifier Number:	7664939
Chemical Is Extremely Hazardous Substance (EHS):	Y
First Hazardous Class Code For Chemical:	Acute Health Hazard

EAST SIDE PLATING WORKS (Continued) **1000393917**

Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	WASTE CHROMIUM PROCESS
Physical Description:	LIQUID
Case Number:	7440473
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	CHROME COMPOUNDS
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	WASTE CHROMIUM PROCESS
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	7440473
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material

EAST SIDE PLATING WORKS (Continued) **1000393917**

Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Y

Chemical Name:	WASTE CYANIDE PROCESS
Physical Description:	LIQUID
Case Number:	143339
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	WASTE CYANIDE PROCESS
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	143339
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Poisonous Material

EAST SIDE PLATING WORKS (Continued) **1000393917**

Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	WASTE PROCESS MIXED
Physical Description:	LIQUID
Case Number:	Not reported
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	30
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	10,000-49,999
Most Hazardous Ingridient:	ZINC/CHROME/NICKEL
United Nations/north America 4 Digit Class Number:	3077
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	WASTE PROCESS MIXED
United Nations/north America 4 Digit Class Number:	3077
Chemical Abstract Service Identifier Number:	Not reported
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material

EAST SIDE PLATING WORKS (Continued) **1000393917**

Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	ZINC ANODES
Physical Description:	SOLID
Case Number:	7440666
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	K
Description:	BOX
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ZINC
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	1
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ZINC ANODES
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	7440666
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material

EAST SIDE PLATING WORKS (Continued) **1000393917**

Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	N

Chemical Name:	ZINC BATHS
Physical Description:	LIQUID
Case Number:	7646857
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ZINC CHLORIDE
United Nations/north America 4 Digit Class Number:	1840
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ZINC BATHS
United Nations/north America 4 Digit Class Number:	1840
Chemical Abstract Service Identifier Number:	7646857
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Corrosive Material

EAST SIDE PLATING WORKS (Continued) **1000393917**

Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	ZINC CYANIDE
Physical Description:	SOLID
Case Number:	557211
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	ZINC CYANIDE
United Nations/north America 4 Digit Class Number:	1713
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ZINC CYANIDE
United Nations/north America 4 Digit Class Number:	1713
Chemical Abstract Service Identifier Number:	557211
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material

EAST SIDE PLATING WORKS (Continued) **1000393917**

Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	META-KLEEN 58
Physical Description:	SOLID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	I
Description:	FIBER DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	3262
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	META-KLEEN 58
United Nations/north America 4 Digit Class Number:	3262
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard

EAST SIDE PLATING WORKS (Continued) **1000393917**

Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	BRASS CYANIDE BATH SOLUTION
Physical Description:	LIQUID
Case Number:	544923
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	2
EHS Ingredient:	SODIUM CYANIDE
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	BRASS CYANIDE BATH SOLUTION
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	544923
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material

EAST SIDE PLATING WORKS (Continued) **1000393917**

Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	HYDROCHLORIC ACID 31-33%
Physical Description:	LIQUID
Case Number:	7647010
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	HYDROGEN CHLORIDE
United Nations/north America 4 Digit Class Number:	1789
Hazard Rank:	2
EHS Ingredient:	HYDROGEN CHLORIDE
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	HYDROCHLORIC ACID 31-33%
United Nations/north America 4 Digit Class Number:	1789
Chemical Abstract Service Identifier Number:	7647010
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material

EAST SIDE PLATING WORKS (Continued) **1000393917**

Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	BOILER CHEMICAL CONDENSATE
Physical Description:	LIQUID
Case Number:	110918
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	R
Description:	OTHER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	MORPHOLINE
United Nations/north America 4 Digit Class Number:	3267
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	BOILER CHEMICAL CONDENSATE
United Nations/north America 4 Digit Class Number:	3267
Chemical Abstract Service Identifier Number:	110918
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Combustible Material

EAST SIDE PLATING WORKS (Continued) **1000393917**

Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	ACID ETCH AX2050 BATH
Physical Description:	LIQUID
Case Number:	000000
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	AMMONIUM BIFLUORIDE
United Nations/north America 4 Digit Class Number:	1727
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ACID ETCH AX2050 BATH
United Nations/north America 4 Digit Class Number:	1727
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material

EAST SIDE PLATING WORKS (Continued) **1000393917**

Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CLEAR/COLOR SEAL BATH
Physical Description:	LIQUID
Case Number:	000000
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	NICKEL ACETATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CLEAR/COLOR SEAL BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard

EAST SIDE PLATING WORKS (Continued) **1000393917**

Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	NITRIC SOUR BATH
Physical Description:	LIQUID
Case Number:	7697372
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	NITRIC ACID
United Nations/north America 4 Digit Class Number:	2031
Hazard Rank:	2
EHS Ingredient:	NITRIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Poisonous Material
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.1

Chemical:

Chemical Name:	NITRIC SOUR BATH
United Nations/north America 4 Digit Class Number:	2031
Chemical Abstract Service Identifier Number:	7697372
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Oxidizers

EAST SIDE PLATING WORKS (Continued) **1000393917**

Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Poisonous Material
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.1
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	DESMUT A-1714 BATH
Physical Description:	LIQUID
Case Number:	7775271
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	PERSULFATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	DESMUT A-1714 BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7775271
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard

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Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	PHOSPHORIC ACID BATH
Physical Description:	LIQUID
Case Number:	7664382
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	PHOSPHORIC ACID
United Nations/north America 4 Digit Class Number:	1805
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	PHOSPHORIC ACID BATH
United Nations/north America 4 Digit Class Number:	1805
Chemical Abstract Service Identifier Number:	7664382
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material

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Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	ANODIZING DYE BATHS
Physical Description:	LIQUID
Case Number:	127093
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM ACETATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Combustible Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	4.5

Chemical:

Chemical Name:	ANODIZING DYE BATHS
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	127093
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard

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Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Combustible Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	4.5
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	DIE-CAST ACID BATH
Physical Description:	LIQUID
Case Number:	7681381
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	SODIUM BISULFATE
United Nations/north America 4 Digit Class Number:	3260
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4

Chemical:

Chemical Name:	DIE-CAST ACID BATH
United Nations/north America 4 Digit Class Number:	3260
Chemical Abstract Service Identifier Number:	7681381
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material

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Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CAUSTIC ETCH AX-1897 BATH
Physical Description:	LIQUID
Case Number:	00000
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	NONE LISTED ON MSDS
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	1
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CAUSTIC ETCH AX-1897 BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	00000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material

EAST SIDE PLATING WORKS (Continued) **1000393917**

Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	ANODIZE BATH
Physical Description:	LIQUID
Case Number:	7664939
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SULFURIC ACID
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ANODIZE BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7664939
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Corrosive Material

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Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CHROMAX 4101 YL
Physical Description:	LIQUID
Case Number:	1333820
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	02
Max Amt Possessed During Year CD:	03
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	N
Description:	PLASTIC BOTTLE, JUG, BUCKET
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	20-49
Description Of The Avg Qnty Code:	10-19
Most Hazardous Ingridient:	CHROMIC ACID
United Nations/north America 4 Digit Class Number:	2922
Hazard Rank:	3
EHS Ingredient:	NITRIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Reactive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	4.4

Chemical:

Chemical Name:	CHROMAX 4101 YL
United Nations/north America 4 Digit Class Number:	2922
Chemical Abstract Service Identifier Number:	1333820
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material

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Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Reactive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	4.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	CHILLER SYSTEM SOLUTION
Physical Description:	LIQUID
Case Number:	107211
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	R
Description:	OTHER
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	LESS THAN NORMAL TEMPERATURE BUT NOT CRYOGENIC
Temperature of The Hazardous Substance Code:	6
Temperature Description:	LESS THAN NORMAL TEMPERATURE BUT NOT CRYOGENIC
Temperature of The Hazardous Substance Code:	6
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ETHYLENE GLYCOL
United Nations/north America 4 Digit Class Number:	3082
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Combustible Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.5
Hazard Class 3 Of The Chemical:	6.4

Chemical:

Chemical Name:	CHILLER SYSTEM SOLUTION
United Nations/north America 4 Digit Class Number:	3082
Chemical Abstract Service Identifier Number:	107211
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard

EAST SIDE PLATING WORKS (Continued) **1000393917**

Second Hazardous Class Code For Chemical:	Combustible Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.5
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	SCRUBBER TOWER SOLUTION
Physical Description:	LIQUID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	1824
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	SCRUBBER TOWER SOLUTION
United Nations/north America 4 Digit Class Number:	1824
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Corrosive Material

EAST SIDE PLATING WORKS (Continued) **1000393917**

Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	DI RESIN CANISTERS
Physical Description:	SOLID
Case Number:	000000
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	R
Description:	OTHER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	RESIN
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	DI RESIN CANISTERS
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard

EAST SIDE PLATING WORKS (Continued) **1000393917**

Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	MACRO BRITE C-9
Physical Description:	SOLID
Case Number:	1333820
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	CHROMIC ACID
United Nations/north America 4 Digit Class Number:	1463
Hazard Rank:	3
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	MACRO BRITE C-9
United Nations/north America 4 Digit Class Number:	1463
Chemical Abstract Service Identifier Number:	1333820
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material

EAST SIDE PLATING WORKS (Continued) **1000393917**

Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	ARCHITECTURAL BLACK SOLUTION
Physical Description:	LIQUID
Case Number:	7488553
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	351
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	STANNOUS SULFATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ARCHITECTURAL BLACK SOLUTION
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7488553
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material

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Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CADMIUM ANODES
Physical Description:	SOLID
Case Number:	7440439
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	21
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	K
Description:	BOX
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5,000-9,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	CADMIUM
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CADMIUM ANODES
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7440439
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material

EAST SIDE PLATING WORKS (Continued) **1000393917**

Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CADMIUM PLATING BATHS
Physical Description:	LIQUID
Case Number:	143339
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CADMIUM PLATING BATHS
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	143339
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Poisonous Material

EAST SIDE PLATING WORKS (Continued) **1000393917**

Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	ANODIZING ALUMINUM SOAK CLEANER
Physical Description:	LIQUID
Case Number:	12179043
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	52
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM TETRABORATE PENTAHYDRATE
United Nations/north America 4 Digit Class Number:	1498
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ANODIZING ALUMINUM SOAK CLEANER
United Nations/north America 4 Digit Class Number:	1498
Chemical Abstract Service Identifier Number:	12179043
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material

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Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	META-KLEEN HDS-40
Physical Description:	SOLID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	I
Description:	FIBER DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	META-KLEEN HDS-40
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material

EAST SIDE PLATING WORKS (Continued) **1000393917**

Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CAUSTIC BEADS
Physical Description:	SOLID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	J
Temperature Description:	BAG
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	1823
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CAUSTIC BEADS
United Nations/north America 4 Digit Class Number:	1823
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material

EAST SIDE PLATING WORKS (Continued) **1000393917**

Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CAUSTIC SODA SOLUTION
Physical Description:	LIQUID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	E
Temperature Description:	PLASTIC OR NON-METALLIC DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	1824
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CAUSTIC SODA SOLUTION
United Nations/north America 4 Digit Class Number:	1824
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Corrosive Material

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Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	CHROMATE BATHS
Physical Description:	LIQUID
Case Number:	1333820
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	21
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	E
Temperature Description:	PLASTIC OR NON-METALLIC DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5,000-9,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	CHROMIUM TRIOXIDE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NITRIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Oxidizers
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	5.1

Chemical:

Chemical Name:	CHROMATE BATHS
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	1333820
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material

EAST SIDE PLATING WORKS (Continued) **1000393917**

Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Oxidizers
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	5.1
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	COPPER ANODES
Physical Description:	SOLID
Case Number:	7440508
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	30
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	K
Description:	BOX
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	10,000-49,999
Most Hazardous Ingridient:	COPPER
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	COPPER ANODES
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	7440508
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard

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Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	COPPER CYANIDE
Physical Description:	SOLID
Case Number:	544923
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	F
Description:	CAN
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1587
Hazard Rank:	3
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1587
Chemical Abstract Service Identifier Number:	544923
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material

EAST SIDE PLATING WORKS (Continued) **1000393917**

Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	COPPER CYANIDE BATH SOLUTION
Physical Description:	LIQUID
Case Number:	544923
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	3
EHS Ingredient:	SODIUM CYANIDE
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	COPPER CYANIDE BATH SOLUTION
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	544923
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material

EAST SIDE PLATING WORKS (Continued) **1000393917**

Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	ACID COPPER BATH
Physical Description:	LIQUID
Case Number:	7758987
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	COPPER (II) SULFATE PENTAHYDRATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4

Chemical:

Chemical Name:	ACID COPPER BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7758987
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material

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Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Facility ID:	004607
Department Or Division Of Company:	Not reported
Extremely Hazardous Substance:	Not reported
Facility Has Written Emergency Plan:	Not reported
Contains 112R:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
Manager Name:	Not reported
Business Phone:	Not reported
Mailing Address:	Not reported
Mailing City:	Not reported
Mailing State:	Not reported
Mailing Zip:	Not reported
No. of Employees:	Not reported
Day Phone:	Not reported
Placard:	Not reported
Fire Dept Code:	Not reported
FD:	PORTLAND FIRE & RESCUE
Sprinkler System:	Not reported
Emergency Contact:	Not reported
Emergency Procedure:	Not reported
Business Type:	Not reported
Facility Type:	Private
Division/Department:	PLANT 4
Facility Status:	ACTIVE
Status TRI:	Inactive
Status RMP:	Active
Status PSM:	Active
Status CR2K:	Inactive
Status 302:	Inactive
Owner Name:	GARY REHNBERG
Latest Report ID:	28399
Case Number:	20427592
Chemical Name:	F006 FILTERCAKE
EHS Name:	Not reported
Is Pure:	No
Is Mix:	Yes
Is EHS:	Not reported
Mixture Component:	Not reported
Maximum DailyAmount Code:	30

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Maximum DailyAmount Unit:	lbs
Chemical Added Date:	08/30/2017
Is ChemPSM:	No
Is Chem112r:	No
Is Chem302:	No
Is Pesticide:	No
Is Fertilizer:	No
Physical State:	Solid
UNNA Number:	3077
NFPA Health:	1
NFPA Flammability:	0
NFPA Reactivity:	0
NFPA Special Notice:	N/A
Hazards:	Health SkinCorrosion
No# of Days Onsite:	365
Latitude:	45.5091
Longitude:	-122.662

Facility:

Chemical Name:	F006 FILTERCAKE
Physical Description:	SOLID
Case Number:	20427592
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	R
Description:	OTHER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	COPPER HYDROXIDE
United Nations/north America 4 Digit Class Number:	3077
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Chronic Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.4
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

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Chemical Name:	F006 FILTERCAKE
United Nations/north America 4 Digit Class Number:	3077
Chemical Abstract Service Identifier Number:	20427592
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Chronic Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.4
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	HYDROCHLORIC ACID BATHS
Physical Description:	LIQUID
Case Number:	7647010
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	21
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	E
Temperature Description:	PLASTIC OR NON-METALLIC DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5,000-9,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	HYDROCHLORIC ACID
United Nations/north America 4 Digit Class Number:	1789
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

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Chemical:

Chemical Name:	HYDROCHLORIC ACID BATHS
United Nations/north America 4 Digit Class Number:	1789
Chemical Abstract Service Identifier Number:	7647010
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	POTASSIUM CHLORIDE
Physical Description:	SOLID
Case Number:	7447407
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	J
Description:	BAG
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	POTASSIUM CHLORIDE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	4
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

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Chemical:

Chemical Name:	POTASSIUM CHLORIDE
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7447407
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	Y
Pesticide:	N
Contains 313:	N

Chemical Name:	POTASSIUM CYANIDE
Physical Description:	SOLID
Case Number:	151508
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	POTASSIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1680
Hazard Rank:	3
EHS Ingredient:	POTASSIUM CYANIDE
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

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Chemical:

Chemical Name:	POTASSIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1680
Chemical Abstract Service Identifier Number:	151508
Chemical Is Extremely Hazardous Substance (EHS):	Y
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	SODIUM CYANIDE
Physical Description:	SOLID
Case Number:	143339
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	3
EHS Ingredient:	SODIUM CYANIDE
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

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Chemical:

Chemical Name:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	143339
Chemical Is Extremely Hazardous Substance (EHS):	Y
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	SULFURIC ACID 93%
Physical Description:	LIQUID
Case Number:	7664939
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	03
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	E
Description:	PLASTIC OR NON-METALLIC DRUM
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	20-49
Most Hazardous Ingridient:	SULFURIC ACID
United Nations/north America 4 Digit Class Number:	1830
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

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Chemical:

Chemical Name:	SULFURIC ACID 93%
United Nations/north America 4 Digit Class Number:	1830
Chemical Abstract Service Identifier Number:	7664939
Chemical Is Extremely Hazardous Substance (EHS):	Y
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	WASTE CHROMIUM PROCESS
Physical Description:	LIQUID
Case Number:	7440473
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	CHROME COMPOUNDS
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

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Chemical:

Chemical Name:	WASTE CHROMIUM PROCESS
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	7440473
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Y

Chemical Name:	WASTE CYANIDE PROCESS
Physical Description:	LIQUID
Case Number:	143339
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

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Chemical:

Chemical Name:	WASTE CYANIDE PROCESS
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	143339
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	WASTE PROCESS MIXED
Physical Description:	LIQUID
Case Number:	Not reported
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	30
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	10,000-49,999
Most Hazardous Ingridient:	ZINC/CHROME/NICKEL
United Nations/north America 4 Digit Class Number:	3077
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

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Chemical:

Chemical Name:	WASTE PROCESS MIXED
United Nations/north America 4 Digit Class Number:	3077
Chemical Abstract Service Identifier Number:	Not reported
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	ZINC ANODES
Physical Description:	SOLID
Case Number:	7440666
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	K
Description:	BOX
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ZINC
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	1
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

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Chemical:

Chemical Name:	ZINC ANODES
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	7440666
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	N

Chemical Name:	ZINC BATHS
Physical Description:	LIQUID
Case Number:	7646857
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ZINC CHLORIDE
United Nations/north America 4 Digit Class Number:	1840
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	ZINC BATHS
United Nations/north America 4 Digit Class Number:	1840
Chemical Abstract Service Identifier Number:	7646857
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	ZINC CYANIDE
Physical Description:	SOLID
Case Number:	557211
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	ZINC CYANIDE
United Nations/north America 4 Digit Class Number:	1713
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	ZINC CYANIDE
United Nations/north America 4 Digit Class Number:	1713
Chemical Abstract Service Identifier Number:	557211
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	META-KLEEN 58
Physical Description:	SOLID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	I
Description:	FIBER DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	3262
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	META-KLEEN 58
United Nations/north America 4 Digit Class Number:	3262
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	BRASS CYANIDE BATH SOLUTION
Physical Description:	LIQUID
Case Number:	544923
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	2
EHS Ingredient:	SODIUM CYANIDE
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	BRASS CYANIDE BATH SOLUTION
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	544923
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	HYDROCHLORIC ACID 31-33%
Physical Description:	LIQUID
Case Number:	7647010
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	HYDROGEN CHLORIDE
United Nations/north America 4 Digit Class Number:	1789
Hazard Rank:	2
EHS Ingredient:	HYDROGEN CHLORIDE
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	HYDROCHLORIC ACID 31-33%
United Nations/north America 4 Digit Class Number:	1789
Chemical Abstract Service Identifier Number:	7647010
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	BOILER CHEMICAL CONDENSATE
Physical Description:	LIQUID
Case Number:	110918
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	R
Description:	OTHER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	MORPHOLINE
United Nations/north America 4 Digit Class Number:	3267
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	BOILER CHEMICAL CONDENSATE
United Nations/north America 4 Digit Class Number:	3267
Chemical Abstract Service Identifier Number:	110918
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	ACID ETCH AX2050 BATH
Physical Description:	LIQUID
Case Number:	000000
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	AMMONIUM BIFLUORIDE
United Nations/north America 4 Digit Class Number:	1727
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	ACID ETCH AX2050 BATH
United Nations/north America 4 Digit Class Number:	1727
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CLEAR/COLOR SEAL BATH
Physical Description:	LIQUID
Case Number:	000000
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	NICKEL ACETATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	CLEAR/COLOR SEAL BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	NITRIC SOUR BATH
Physical Description:	LIQUID
Case Number:	7697372
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	NITRIC ACID
United Nations/north America 4 Digit Class Number:	2031
Hazard Rank:	2
EHS Ingredient:	NITRIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Poisonous Material
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.1

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	NITRIC SOUR BATH
United Nations/north America 4 Digit Class Number:	2031
Chemical Abstract Service Identifier Number:	7697372
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Poisonous Material
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.1
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	DESMUT A-1714 BATH
Physical Description:	LIQUID
Case Number:	7775271
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	PERSULFATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	DESMUT A-1714 BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7775271
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	PHOSPHORIC ACID BATH
Physical Description:	LIQUID
Case Number:	7664382
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	PHOSPHORIC ACID
United Nations/north America 4 Digit Class Number:	1805
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	PHOSPHORIC ACID BATH
United Nations/north America 4 Digit Class Number:	1805
Chemical Abstract Service Identifier Number:	7664382
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	ANODIZING DYE BATHS
Physical Description:	LIQUID
Case Number:	127093
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM ACETATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Combustible Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	4.5

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	ANODIZING DYE BATHS
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	127093
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Combustible Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	4.5
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	DIE-CAST ACID BATH
Physical Description:	LIQUID
Case Number:	7681381
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	SODIUM BISULFATE
United Nations/north America 4 Digit Class Number:	3260
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	DIE-CAST ACID BATH
United Nations/north America 4 Digit Class Number:	3260
Chemical Abstract Service Identifier Number:	7681381
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CAUSTIC ETCH AX-1897 BATH
Physical Description:	LIQUID
Case Number:	00000
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	NONE LISTED ON MSDS
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	1
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	CAUSTIC ETCH AX-1897 BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	00000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	ANODIZE BATH
Physical Description:	LIQUID
Case Number:	7664939
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SULFURIC ACID
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	ANODIZE BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7664939
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CHROMAX 4101 YL
Physical Description:	LIQUID
Case Number:	1333820
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	02
Max Amt Possessed During Year CD:	03
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	N
Description:	PLASTIC BOTTLE, JUG, BUCKET
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	20-49
Description Of The Avg Qnty Code:	10-19
Most Hazardous Ingridient:	CHROMIC ACID
United Nations/north America 4 Digit Class Number:	2922
Hazard Rank:	3
EHS Ingredient:	NITRIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Reactive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	4.4

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	CHROMAX 4101 YL
United Nations/north America 4 Digit Class Number:	2922
Chemical Abstract Service Identifier Number:	1333820
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Reactive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	4.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	CHILLER SYSTEM SOLUTION
Physical Description:	LIQUID
Case Number:	107211
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	R
Description:	OTHER
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	LESS THAN NORMAL TEMPERATURE BUT NOT CRYOGENIC
Temperature of The Hazardous Substance Code:	6
Temperature Description:	LESS THAN NORMAL TEMPERATURE BUT NOT CRYOGENIC
Temperature of The Hazardous Substance Code:	6
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ETHYLENE GLYCOL
United Nations/north America 4 Digit Class Number:	3082
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Combustible Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.5
Hazard Class 3 Of The Chemical:	6.4

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	CHILLER SYSTEM SOLUTION
United Nations/north America 4 Digit Class Number:	3082
Chemical Abstract Service Identifier Number:	107211
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Combustible Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.5
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	SCRUBBER TOWER SOLUTION
Physical Description:	LIQUID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	1824
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	SCRUBBER TOWER SOLUTION
United Nations/north America 4 Digit Class Number:	1824
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	DI RESIN CANISTERS
Physical Description:	SOLID
Case Number:	000000
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	R
Description:	OTHER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	RESIN
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	DI RESIN CANISTERS
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	MACRO BRITE C-9
Physical Description:	SOLID
Case Number:	1333820
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	CHROMIC ACID
United Nations/north America 4 Digit Class Number:	1463
Hazard Rank:	3
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	8.0

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	MACRO BRITE C-9
United Nations/north America 4 Digit Class Number:	1463
Chemical Abstract Service Identifier Number:	1333820
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	ARCHITECTURAL BLACK SOLUTION
Physical Description:	LIQUID
Case Number:	7488553
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	351
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	STANNOUS SULFATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	ARCHITECTURAL BLACK SOLUTION
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7488553
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CADMIUM ANODES
Physical Description:	SOLID
Case Number:	7440439
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	21
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	K
Description:	BOX
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5,000-9,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	CADMIUM
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	CADMIUM ANODES
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7440439
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CADMIUM PLATING BATHS
Physical Description:	LIQUID
Case Number:	143339
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	CADMIUM PLATING BATHS
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	143339
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	ANODIZING ALUMINUM SOAK CLEANER
Physical Description:	LIQUID
Case Number:	12179043
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	52
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM TETRABORATE PENTAHYDRATE
United Nations/north America 4 Digit Class Number:	1498
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	ANODIZING ALUMINUM SOAK CLEANER
United Nations/north America 4 Digit Class Number:	1498
Chemical Abstract Service Identifier Number:	12179043
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	META-KLEEN HDS-40
Physical Description:	SOLID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	I
Description:	FIBER DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

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Chemical:

Chemical Name:	META-KLEEN HDS-40
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CAUSTIC BEADS
Physical Description:	SOLID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	J
Temperature Description:	BAG
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	1823
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	CAUSTIC BEADS
United Nations/north America 4 Digit Class Number:	1823
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CAUSTIC SODA SOLUTION
Physical Description:	LIQUID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	E
Temperature Description:	PLASTIC OR NON-METALLIC DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	1824
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	CAUSTIC SODA SOLUTION
United Nations/north America 4 Digit Class Number:	1824
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	CHROMATE BATHS
Physical Description:	LIQUID
Case Number:	1333820
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	21
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	E
Temperature Description:	PLASTIC OR NON-METALLIC DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5,000-9,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	CHROMIUM TRIOXIDE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NITRIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Oxidizers
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	5.1

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	CHROMATE BATHS
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	1333820
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Oxidizers
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	5.1
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	COPPER ANODES
Physical Description:	SOLID
Case Number:	7440508
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	30
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	K
Description:	BOX
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	10,000-49,999
Most Hazardous Ingridient:	COPPER
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	COPPER ANODES
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	7440508
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	COPPER CYANIDE
Physical Description:	SOLID
Case Number:	544923
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	F
Description:	CAN
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1587
Hazard Rank:	3
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1587
Chemical Abstract Service Identifier Number:	544923
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	COPPER CYANIDE BATH SOLUTION
Physical Description:	LIQUID
Case Number:	544923
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	3
EHS Ingredient:	SODIUM CYANIDE
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	COPPER CYANIDE BATH SOLUTION
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	544923
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	ACID COPPER BATH
Physical Description:	LIQUID
Case Number:	7758987
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	COPPER (II) SULFATE PENTAHYDRATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4

EAST SIDE PLATING WORKS (Continued) **1000393917**

Chemical:

Chemical Name:	ACID COPPER BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7758987
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Facility ID:	004607
Department Or Division Of Company:	Not reported
Extremely Hazardous Substance:	Not reported
Facility Has Written Emergency Plan:	Not reported
Contains 112R:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
Manager Name:	Not reported
Business Phone:	Not reported
Mailing Address:	Not reported
Mailing City:	Not reported
Mailing State:	Not reported
Mailing Zip:	Not reported
No. of Employees:	Not reported
Day Phone:	Not reported
Placard:	Not reported
Fire Dept Code:	Not reported
FD:	PORTLAND FIRE & RESCUE
Sprinkler System:	Not reported
Emergency Contact:	Not reported
Emergency Procedure:	Not reported
Business Type:	Not reported
Facility Type:	Private
Division/Department:	PLANT 4
Facility Status:	ACTIVE
Status TRI:	Inactive
Status RMP:	Active
Status PSM:	Active
Status CR2K:	Inactive
Status 302:	Inactive
Owner Name:	GARY REHNBERG
Latest Report ID:	28399
Case Number:	7775271
Chemical Name:	DESMUT A-1714 BATH

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EHS Name:	Not reported
Is Pure:	No
Is Mix:	Yes
Is EHS:	Not reported
Mixture Component:	Not reported
Maximum DailyAmount Code:	20
Maximum DailyAmount Unit:	gal
Chemical Added Date:	08/30/2017
Is ChemPSM:	No
Is Chem112r:	No
Is Chem302:	No
Is Pesticide:	No
Is Fertilizer:	No
Physical State:	Liquid
UNNA Number:	0
NFPA Health:	2
NFPA Flammability:	0
NFPA Reactivity:	2
NFPA Special Notice:	OX
Hazards:	Health SeriousEye, Health SkinCorrosion
No# of Days Onsite:	365
Latitude:	45.5091
Longitude:	-122.662

Facility:

Chemical Name:	F006 FILTERCAKE
Physical Description:	SOLID
Case Number:	20427592
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	R
Description:	OTHER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	COPPER HYDROXIDE
United Nations/north America 4 Digit Class Number:	3077
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Chronic Health Hazard
Second Hazardous Class Code For Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.4
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	F006 FILTERCAKE
United Nations/north America 4 Digit Class Number:	3077
Chemical Abstract Service Identifier Number:	20427592
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Chronic Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.4
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	HYDROCHLORIC ACID BATHS
Physical Description:	LIQUID
Case Number:	7647010
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	21
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	E
Temperature Description:	PLASTIC OR NON-METALLIC DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5,000-9,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	HYDROCHLORIC ACID
United Nations/north America 4 Digit Class Number:	1789
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	HYDROCHLORIC ACID BATHS
United Nations/north America 4 Digit Class Number:	1789
Chemical Abstract Service Identifier Number:	7647010
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	POTASSIUM CHLORIDE
Physical Description:	SOLID
Case Number:	7447407
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	J
Description:	BAG
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	POTASSIUM CHLORIDE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	4
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	POTASSIUM CHLORIDE
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7447407
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	Y
Pesticide:	N
Contains 313:	N

Chemical Name:	POTASSIUM CYANIDE
Physical Description:	SOLID
Case Number:	151508
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	POTASSIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1680
Hazard Rank:	3
EHS Ingredient:	POTASSIUM CYANIDE
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	POTASSIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1680
Chemical Abstract Service Identifier Number:	151508
Chemical Is Extremely Hazardous Substance (EHS):	Y
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	SODIUM CYANIDE
Physical Description:	SOLID
Case Number:	143339
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	3
EHS Ingredient:	SODIUM CYANIDE
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	143339
Chemical Is Extremely Hazardous Substance (EHS):	Y
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	SULFURIC ACID 93%
Physical Description:	LIQUID
Case Number:	7664939
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	03
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	E
Description:	PLASTIC OR NON-METALLIC DRUM
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	20-49
Most Hazardous Ingridient:	SULFURIC ACID
United Nations/north America 4 Digit Class Number:	1830
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Reactive Material

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Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	SULFURIC ACID 93%
United Nations/north America 4 Digit Class Number:	1830
Chemical Abstract Service Identifier Number:	7664939
Chemical Is Extremely Hazardous Substance (EHS):	Y
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	WASTE CHROMIUM PROCESS
Physical Description:	LIQUID
Case Number:	7440473
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	CHROME COMPOUNDS
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	WASTE CHROMIUM PROCESS
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	7440473
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Y

Chemical Name:	WASTE CYANIDE PROCESS
Physical Description:	LIQUID
Case Number:	143339
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	WASTE CYANIDE PROCESS
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	143339
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	WASTE PROCESS MIXED
Physical Description:	LIQUID
Case Number:	Not reported
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	30
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	10,000-49,999
Most Hazardous Ingridient:	ZINC/CHROME/NICKEL
United Nations/north America 4 Digit Class Number:	3077
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported

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Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	WASTE PROCESS MIXED
United Nations/north America 4 Digit Class Number:	3077
Chemical Abstract Service Identifier Number:	Not reported
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	ZINC ANODES
Physical Description:	SOLID
Case Number:	7440666
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	K
Description:	BOX
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ZINC
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	1
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ZINC ANODES
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	7440666
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	N

Chemical Name:	ZINC BATHS
Physical Description:	LIQUID
Case Number:	7646857
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ZINC CHLORIDE
United Nations/north America 4 Digit Class Number:	1840
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported

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Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ZINC BATHS
United Nations/north America 4 Digit Class Number:	1840
Chemical Abstract Service Identifier Number:	7646857
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	ZINC CYANIDE
Physical Description:	SOLID
Case Number:	557211
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	ZINC CYANIDE
United Nations/north America 4 Digit Class Number:	1713
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ZINC CYANIDE
United Nations/north America 4 Digit Class Number:	1713
Chemical Abstract Service Identifier Number:	557211
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	META-KLEEN 58
Physical Description:	SOLID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	I
Description:	FIBER DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	3262
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	META-KLEEN 58
United Nations/north America 4 Digit Class Number:	3262
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	BRASS CYANIDE BATH SOLUTION
Physical Description:	LIQUID
Case Number:	544923
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	2
EHS Ingredient:	SODIUM CYANIDE
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	BRASS CYANIDE BATH SOLUTION
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	544923
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	HYDROCHLORIC ACID 31-33%
Physical Description:	LIQUID
Case Number:	7647010
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	HYDROGEN CHLORIDE
United Nations/north America 4 Digit Class Number:	1789
Hazard Rank:	2
EHS Ingredient:	HYDROGEN CHLORIDE
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	HYDROCHLORIC ACID 31-33%
United Nations/north America 4 Digit Class Number:	1789
Chemical Abstract Service Identifier Number:	7647010
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	BOILER CHEMICAL CONDENSATE
Physical Description:	LIQUID
Case Number:	110918
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	R
Description:	OTHER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	MORPHOLINE
United Nations/north America 4 Digit Class Number:	3267
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Corrosive Material

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	BOILER CHEMICAL CONDENSATE
United Nations/north America 4 Digit Class Number:	3267
Chemical Abstract Service Identifier Number:	110918
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Combustible Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.5
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	ACID ETCH AX2050 BATH
Physical Description:	LIQUID
Case Number:	000000
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	AMMONIUM BIFLUORIDE
United Nations/north America 4 Digit Class Number:	1727
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ACID ETCH AX2050 BATH
United Nations/north America 4 Digit Class Number:	1727
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CLEAR/COLOR SEAL BATH
Physical Description:	LIQUID
Case Number:	000000
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	NICKEL ACETATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CLEAR/COLOR SEAL BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	NITRIC SOUR BATH
Physical Description:	LIQUID
Case Number:	7697372
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	NITRIC ACID
United Nations/north America 4 Digit Class Number:	2031
Hazard Rank:	2
EHS Ingredient:	NITRIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Corrosive Material

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Poisonous Material
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.1

Chemical:

Chemical Name:	NITRIC SOUR BATH
United Nations/north America 4 Digit Class Number:	2031
Chemical Abstract Service Identifier Number:	7697372
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Oxidizers
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Poisonous Material
Hazard Class 1 Of The Chemical:	5.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.1
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	DESMUT A-1714 BATH
Physical Description:	LIQUID
Case Number:	7775271
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	PERSULFATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Oxidizers

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	DESMUT A-1714 BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7775271
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	PHOSPHORIC ACID BATH
Physical Description:	LIQUID
Case Number:	7664382
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	PHOSPHORIC ACID
United Nations/north America 4 Digit Class Number:	1805
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	PHOSPHORIC ACID BATH
United Nations/north America 4 Digit Class Number:	1805
Chemical Abstract Service Identifier Number:	7664382
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	ANODIZING DYE BATHS
Physical Description:	LIQUID
Case Number:	127093
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM ACETATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Combustible Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	4.5

Chemical:

Chemical Name:	ANODIZING DYE BATHS
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	127093
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Combustible Material
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	4.5
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	DIE-CAST ACID BATH
Physical Description:	LIQUID
Case Number:	7681381
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	SODIUM BISULFATE
United Nations/north America 4 Digit Class Number:	3260
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4

Chemical:

Chemical Name:	DIE-CAST ACID BATH
United Nations/north America 4 Digit Class Number:	3260
Chemical Abstract Service Identifier Number:	7681381
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CAUSTIC ETCH AX-1897 BATH
Physical Description:	LIQUID
Case Number:	00000
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	NONE LISTED ON MSDS
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	1
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CAUSTIC ETCH AX-1897 BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	00000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Miscellaneous Hazardous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	9.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	ANODIZE BATH
Physical Description:	LIQUID
Case Number:	7664939
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SULFURIC ACID
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ANODIZE BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7664939
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CHROMAX 4101 YL
Physical Description:	LIQUID
Case Number:	1333820
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	02
Max Amt Possessed During Year CD:	03
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	N
Description:	PLASTIC BOTTLE, JUG, BUCKET
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	20-49
Description Of The Avg Qnty Code:	10-19
Most Hazardous Ingridient:	CHROMIC ACID
United Nations/north America 4 Digit Class Number:	2922
Hazard Rank:	3
EHS Ingredient:	NITRIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Reactive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	4.4

Chemical:

Chemical Name:	CHROMAX 4101 YL
United Nations/north America 4 Digit Class Number:	2922
Chemical Abstract Service Identifier Number:	1333820
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Reactive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	4.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	CHILLER SYSTEM SOLUTION
Physical Description:	LIQUID
Case Number:	107211
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	R
Description:	OTHER
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	LESS THAN NORMAL TEMPERATURE BUT NOT CRYOGENIC
Temperature of The Hazardous Substance Code:	6
Temperature Description:	LESS THAN NORMAL TEMPERATURE BUT NOT CRYOGENIC
Temperature of The Hazardous Substance Code:	6
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	ETHYLENE GLYCOL
United Nations/north America 4 Digit Class Number:	3082
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Combustible Material

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.5
Hazard Class 3 Of The Chemical:	6.4

Chemical:

Chemical Name:	CHILLER SYSTEM SOLUTION
United Nations/north America 4 Digit Class Number:	3082
Chemical Abstract Service Identifier Number:	107211
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Combustible Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	4.5
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	SCRUBBER TOWER SOLUTION
Physical Description:	LIQUID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	1824
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	SCRUBBER TOWER SOLUTION
United Nations/north America 4 Digit Class Number:	1824
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	DI RESIN CANISTERS
Physical Description:	SOLID
Case Number:	000000
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	R
Description:	OTHER
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	RESIN
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	DI RESIN CANISTERS
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	000000
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	MACRO BRITE C-9
Physical Description:	SOLID
Case Number:	1333820
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	CHROMIC ACID
United Nations/north America 4 Digit Class Number:	1463
Hazard Rank:	3
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Oxidizers

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	MACRO BRITE C-9
United Nations/north America 4 Digit Class Number:	1463
Chemical Abstract Service Identifier Number:	1333820
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	ARCHITECTURAL BLACK SOLUTION
Physical Description:	LIQUID
Case Number:	7488553
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	351
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	STANNOUS SULFATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ARCHITECTURAL BLACK SOLUTION
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7488553
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CADMIUM ANODES
Physical Description:	SOLID
Case Number:	7440439
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	21
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	K
Description:	BOX
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5,000-9,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	CADMIUM
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CADMIUM ANODES
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7440439
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CADMIUM PLATING BATHS
Physical Description:	LIQUID
Case Number:	143339
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CADMIUM PLATING BATHS
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	143339
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	ANODIZING ALUMINUM SOAK CLEANER
Physical Description:	LIQUID
Case Number:	12179043
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	52
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	SODIUM TETRABORATE PENTAHYDRATE
United Nations/north America 4 Digit Class Number:	1498
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Oxidizers

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	ANODIZING ALUMINUM SOAK CLEANER
United Nations/north America 4 Digit Class Number:	1498
Chemical Abstract Service Identifier Number:	12179043
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Oxidizers
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	5.1
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	META-KLEEN HDS-40
Physical Description:	SOLID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	I
Description:	FIBER DRUM
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	META-KLEEN HDS-40
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CAUSTIC BEADS
Physical Description:	SOLID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	10
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	D
Description:	STEEL DRUM
Type Code:	J
Temperature Description:	BAG
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	200-499
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	1823
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CAUSTIC BEADS
United Nations/north America 4 Digit Class Number:	1823
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	CAUSTIC SODA SOLUTION
Physical Description:	LIQUID
Case Number:	1310732
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	11
Max Amt Possessed During Year CD:	11
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	E
Temperature Description:	PLASTIC OR NON-METALLIC DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	500-999
Description Of The Avg Qnty Code:	500-999
Most Hazardous Ingridient:	SODIUM HYDROXIDE
United Nations/north America 4 Digit Class Number:	1824
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Acute Health Hazard

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	CAUSTIC SODA SOLUTION
United Nations/north America 4 Digit Class Number:	1824
Chemical Abstract Service Identifier Number:	1310732
Chemical Is Extremely Hazardous Substance (EHS):	Not reported
First Hazardous Class Code For Chemical:	Corrosive Material
Second Hazardous Class Code For Chemical:	Acute Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	8.0
Hazard Class 2 Of The Chemical:	6.3
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Contains 112R:	Not reported
Contains EHS:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
Contains 313:	Not reported

Chemical Name:	CHROMATE BATHS
Physical Description:	LIQUID
Case Number:	1333820
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	21
Max Amt Possessed During Year CD:	21
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	E
Temperature Description:	PLASTIC OR NON-METALLIC DRUM
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	5,000-9,999
Description Of The Avg Qnty Code:	5,000-9,999
Most Hazardous Ingridient:	CHROMIUM TRIOXIDE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	NITRIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Oxidizers
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	5.1

Chemical:

Chemical Name:	CHROMATE BATHS
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	1333820
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Oxidizers
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	5.1
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	COPPER ANODES
Physical Description:	SOLID
Case Number:	7440508
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	30
Max Amt Possessed During Year CD:	30
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	K
Description:	BOX
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	10,000-49,999
Description Of The Avg Qnty Code:	10,000-49,999
Most Hazardous Ingridient:	COPPER
United Nations/north America 4 Digit Class Number:	Not reported
Hazard Rank:	2
EHS Ingredient:	Not reported
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	COPPER ANODES
United Nations/north America 4 Digit Class Number:	Not reported
Chemical Abstract Service Identifier Number:	7440508
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Acute Health Hazard
Second Hazardous Class Code For Chemical:	Chronic Health Hazard
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.3
Hazard Class 2 Of The Chemical:	6.4
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	Y
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	N

Chemical Name:	COPPER CYANIDE
Physical Description:	SOLID
Case Number:	544923
Facility Id:	004607
Physical State Of The Substance:	1
Avag Amt Possessed During Year CD:	04
Max Amt Possessed During Year CD:	04
Applicable Unit Of Measure Code:	1
Description Of The Unit Of Measure:	POUNDS
Type Code:	F
Description:	CAN
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	50-199
Description Of The Avg Qnty Code:	50-199
Most Hazardous Ingridient:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1587
Hazard Rank:	3
EHS Ingredient:	NONE LISTED ON MSDS
Substance Pure:	True
Substance Mix:	False
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported

Chemical:

Chemical Name:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1587
Chemical Abstract Service Identifier Number:	544923
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Not reported
Third Hazardous Class Code For Chemical:	Not reported
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	Not reported
Hazard Class 3 Of The Chemical:	Not reported
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	N
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	COPPER CYANIDE BATH SOLUTION
Physical Description:	LIQUID
Case Number:	544923
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	Not reported
Temperature Description:	Not reported
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	Not reported
Pressure Description:	Not reported
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Temperature Description:	Not reported
Temperature of The Hazardous Substance Code:	Not reported
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	COPPER CYANIDE
United Nations/north America 4 Digit Class Number:	1689
Hazard Rank:	3
EHS Ingredient:	SODIUM CYANIDE
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0

Chemical:

Chemical Name:	COPPER CYANIDE BATH SOLUTION
United Nations/north America 4 Digit Class Number:	1689
Chemical Abstract Service Identifier Number:	544923
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Poisonous Material
Second Hazardous Class Code For Chemical:	Reactive Material
Third Hazardous Class Code For Chemical:	Corrosive Material
Hazard Class 1 Of The Chemical:	6.1
Hazard Class 2 Of The Chemical:	4.4
Hazard Class 3 Of The Chemical:	8.0
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

Chemical Name:	ACID COPPER BATH
Physical Description:	LIQUID
Case Number:	7758987
Facility Id:	004607
Physical State Of The Substance:	2
Avag Amt Possessed During Year CD:	20
Max Amt Possessed During Year CD:	20
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Type Code:	C
Description:	TANK INSIDE BUILDING
Type Code:	C
Temperature Description:	TANK INSIDE BUILDING
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Pressure of Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature Description:	NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	GREATER THAN NORMAL TEMPERATURE
Temperature of The Hazardous Substance Code:	5
Days Hazardous Substance On Site During Year:	365
Is The Substance Protected A Trade Secret:	False
Description Of The Max Qnty Code:	1,000-4,999
Description Of The Avg Qnty Code:	1,000-4,999
Most Hazardous Ingridient:	COPPER (II) SULFATE PENTAHYDRATE
United Nations/north America 4 Digit Class Number:	0000
Hazard Rank:	2
EHS Ingredient:	SULFURIC ACID
Substance Pure:	False
Substance Mix:	True
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material

EAST SIDE PLATING WORKS (Continued) **1000393917**

Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4

Chemical:

Chemical Name:	ACID COPPER BATH
United Nations/north America 4 Digit Class Number:	0000
Chemical Abstract Service Identifier Number:	7758987
Chemical Is Extremely Hazardous Substance (EHS):	N
First Hazardous Class Code For Chemical:	Reactive Material
Second Hazardous Class Code For Chemical:	Corrosive Material
Third Hazardous Class Code For Chemical:	Chronic Health Hazard
Hazard Class 1 Of The Chemical:	4.4
Hazard Class 2 Of The Chemical:	8.0
Hazard Class 3 Of The Chemical:	6.4
Chemical Is A Toxic 313 Chemical:	N
EPA Pesticide Registration Number:	Not reported
Contains 112R:	N
Contains EHS:	Y
Fertilizer:	N
Pesticide:	N
Contains 313:	Y

OR MANIFEST:

Manifest Year:	Manifest Year - 2017
EPA Id:	ORD009049107
Inactive Status:	Not reported
Organization Name:	Not reported
Contact Name:	Scott Henriksen
Contact Telephone Number:	Not reported
Mailing Address:	8400 SE 26th Place
Mailing City/State/Zip:	Portland, OR 97202-8946

Manifest:

Year :	2017
RCRA Id :	ORD009049107
Inactive :	Not reported
Status:	Large quantity generator
Manifest :	014917209JJK
Ship Date :	03/28/2017
TSD :	ORD089452353
WS Num:	5
Transporter:	Not reported
Ship Qty :	Not reported
Rpt Unit :	Not reported
Off Mng :	H132
EPA Waste Codes:	F006
Waste Description:	Wastewater treatment sludges from electroplating operations

Total Amt Of Waste Stream Generated in Reporting Yr 1: 38900.7765
Total Amt Of Waste Stream Generated in Reporting Yr 2: 8453.24

Year :	2017
RCRA Id :	ORD009049107
Inactive :	Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Status: Large quantity generator
Manifest : 014917424JJK
Ship Date : 06/30/2017
TSD : ORD089452353
WS Num: 5
Transporter: Not reported
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F006
Waste Description: Wastewater treatment sludges from electroplating operations
Total Amt Of Waste Stream Generated in Reporting Yr 1: 38900.7765
Total Amt Of Waste Stream Generated in Reporting Yr 2: 12435.877

Year : 2017
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 016565041JJK
Ship Date : 08/23/2017
TSD : ORD089452353
WS Num: 5
Transporter: Not reported
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F006
Waste Description: Wastewater treatment sludges from electroplating operations
Total Amt Of Waste Stream Generated in Reporting Yr 1: 38900.7765
Total Amt Of Waste Stream Generated in Reporting Yr 2: 5599.818

Year : 2017
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 016565335JJK
Ship Date : 11/14/2017
TSD : ORD089452353
WS Num: 5
Transporter: Not reported
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F006
Waste Description: Wastewater treatment sludges from electroplating operations
Total Amt Of Waste Stream Generated in Reporting Yr 1: 38900.7765
Total Amt Of Waste Stream Generated in Reporting Yr 2: 8688.153

Year : 2017
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 000135469DAT
Ship Date : 03/30/2017
TSD : WAD991281767
WS Num: 6
Transporter: Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H040
EPA Waste Codes: D003
Waste Description: Cyanide Cadmium Plating Bath Sludge
Total Amt Of Waste Stream Generated in Reporting Yr 1: 362.8
Total Amt Of Waste Stream Generated in Reporting Yr 2: 362.8

Year : 2017
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 000135469DAT
Ship Date : 03/30/2017
TSD : WAD991281767
WS Num: 6
Transporter: Not reported
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H040
EPA Waste Codes: D006
Waste Description: Cyanide Cadmium Plating Bath Sludge
Total Amt Of Waste Stream Generated in Reporting Yr 1: 362.8
Total Amt Of Waste Stream Generated in Reporting Yr 2: 362.8

Year : 2017
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 000135469DAT
Ship Date : 03/30/2017
TSD : WAD991281767
WS Num: 6
Transporter: Not reported
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H040
EPA Waste Codes: F008
Waste Description: Cyanide Cadmium Plating Bath Sludge
Total Amt Of Waste Stream Generated in Reporting Yr 1: 362.8
Total Amt Of Waste Stream Generated in Reporting Yr 2: 362.8

Manifest:
Year : 2016
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 011870504JJK
Ship Date : 06/15/2016
TSD : ORD089452353
WS Num: 5
Transporter: Not reported
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132

EAST SIDE PLATING WORKS (Continued) **1000393917**

EPA Waste Codes: F006
Waste Description: Wastewater treatment sludges from electroplating operations
Total Amt Of Waste Stream Generated in Reporting Yr 1: 36701.755
Total Amt Of Waste Stream Generated in Reporting Yr 2: 9627.3515

Year : 2016
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 011881830JJK
Ship Date : 03/23/2016
TSD : ORD089452353
WS Num: 5
Transporter: Not reported
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F006
Waste Description: Wastewater treatment sludges from electroplating operations
Total Amt Of Waste Stream Generated in Reporting Yr 1: 36701.755
Total Amt Of Waste Stream Generated in Reporting Yr 2: 7900.4235

Year : 2016
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 014917062JJK
Ship Date : 12/21/2016
TSD : ORD089452353
WS Num: 5
Transporter: Not reported
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F006
Waste Description: Wastewater treatment sludges from electroplating operations
Total Amt Of Waste Stream Generated in Reporting Yr 1: 36701.755
Total Amt Of Waste Stream Generated in Reporting Yr 2: 10541.154

Year : 2016
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 014926464JJK
Ship Date : 09/20/2016
TSD : ORD089452353
WS Num: 5
Transporter: Not reported
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F006
Waste Description: Wastewater treatment sludges from electroplating operations
Total Amt Of Waste Stream Generated in Reporting Yr 1: 36701.755
Total Amt Of Waste Stream Generated in Reporting Yr 2: 8500.404

Year : 2016

EAST SIDE PLATING WORKS (Continued) **1000393917**

RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 000126477DAT
Ship Date : 04/26/2016
TSD : WAD991281767
WS Num: 6
Transporter: Not reported
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H040
EPA Waste Codes: D003
Waste Description: Hazardous waste debris, used cyanide filters
Total Amt Of Waste Stream Generated in Reporting Yr 1: 61.2225
Total Amt Of Waste Stream Generated in Reporting Yr 2: 61.2225

Year : 2016
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 000126477DAT
Ship Date : 04/26/2016
TSD : WAD991281767
WS Num: 6
Transporter: Not reported
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H040
EPA Waste Codes: D006
Waste Description: Hazardous waste debris, used cyanide filters
Total Amt Of Waste Stream Generated in Reporting Yr 1: 61.2225
Total Amt Of Waste Stream Generated in Reporting Yr 2: 61.2225

Manifest:
Year : 2015
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 011871329JJK
Ship Date : 01/21/2015
TSD : ORD089452353
WS Num: 5
Transporter: Not reported
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F006
Waste Description: Wastewater treatment sludges from electroplating operations
Total Amt Of Waste Stream Generated in Reporting Yr 1: 36740.756
Total Amt Of Waste Stream Generated in Reporting Yr 2: 10542.5145

Year : 2015
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator

EAST SIDE PLATING WORKS (Continued) **1000393917**

Manifest : 011871354JJK
Ship Date : 04/13/2015
TSD : ORD089452353
WS Num: 5
Transporter: Not reported
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F006
Waste Description: Wastewater treatment sludges from electroplating operations
Total Amt Of Waste Stream Generated in Reporting Yr 1: 36740.756
Total Amt Of Waste Stream Generated in Reporting Yr 2: 9507.6275

Year : 2015
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 011881504JJK
Ship Date : 07/17/2015
TSD : ORD089452353
WS Num: 5
Transporter: Not reported
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F006
Waste Description: Wastewater treatment sludges from electroplating operations
Total Amt Of Waste Stream Generated in Reporting Yr 1: 36740.756
Total Amt Of Waste Stream Generated in Reporting Yr 2: 9906.254

Year : 2015
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 011881556JJK
Ship Date : 10/12/2015
TSD : ORD089452353
WS Num: 5
Transporter: Not reported
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F006
Waste Description: Wastewater treatment sludges from electroplating operations
Total Amt Of Waste Stream Generated in Reporting Yr 1: 36740.756
Total Amt Of Waste Stream Generated in Reporting Yr 2: 6492.306

Year : 2015
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 011881822JJK
Ship Date : 12/21/2015
TSD : ORD089452353
WS Num: 5
Transporter: Not reported
Ship Qty : Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F006
Waste Description: Wastewater treatment sludges from electroplating operations
Total Amt Of Waste Stream Generated in Reporting Yr 1: 36740.756
Total Amt Of Waste Stream Generated in Reporting Yr 2: 8009.2635

Year : 2015
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 011871329JJK
Ship Date : 01/21/2015
TSD : ORD089452353
WS Num: 6
Transporter: Not reported
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F006
Waste Description: Hazardous waste debris from electroplating structural repairs
Total Amt Of Waste Stream Generated in Reporting Yr 1: 0
Total Amt Of Waste Stream Generated in Reporting Yr 2: 579.573

Year : 2015
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 011871329JJK
Ship Date : 01/21/2015
TSD : ORD089452353
WS Num: 5
Transporter: Not reported
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F006
Waste Description: Wastewater treatment sludges from electroplating operations
Total Amt Of Waste Stream Generated in Reporting Yr 1: 36740.756
Total Amt Of Waste Stream Generated in Reporting Yr 2: 10542.5145

Year : 2015
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 011871354JJK
Ship Date : 04/13/2015
TSD : ORD089452353
WS Num: 5
Transporter: Not reported
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F006
Waste Description: Wastewater treatment sludges from electroplating operations
Total Amt Of Waste Stream Generated in Reporting Yr 1: 36740.756
Total Amt Of Waste Stream Generated in Reporting Yr 2: 9507.6275

EAST SIDE PLATING WORKS (Continued) **1000393917**

Year : 2015
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 011881504JJK
Ship Date : 07/17/2015
TSD : ORD089452353
WS Num: 5
Transporter: Not reported
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F006
Waste Description: Wastewater treatment sludges from electroplating operations
Total Amt Of Waste Stream Generated in Reporting Yr 1: 36740.756
Total Amt Of Waste Stream Generated in Reporting Yr 2: 9906.254

Year : 2015
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 011881556JJK
Ship Date : 10/12/2015
TSD : ORD089452353
WS Num: 5
Transporter: Not reported
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F006
Waste Description: Wastewater treatment sludges from electroplating operations
Total Amt Of Waste Stream Generated in Reporting Yr 1: 36740.756
Total Amt Of Waste Stream Generated in Reporting Yr 2: 6492.306

Click this hyperlink while viewing on your computer to access
104 additional OR_MANIFEST: record(s) in the EDR Site Report.

Year : 2015
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 011881822JJK
Ship Date : 12/21/2015
TSD : ORD089452353
WS Num: 5
Transporter: Not reported
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F006
Waste Description: Wastewater treatment sludges from electroplating operations
Total Amt Of Waste Stream Generated in Reporting Yr 1: 36740.756
Total Amt Of Waste Stream Generated in Reporting Yr 2: 8009.2635

Year : 2015
RCRA Id : ORD009049107
Inactive : Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Status: Large quantity generator
Manifest : 011871329JJK
Ship Date : 01/21/2015
TSD : ORD089452353
WS Num: 6
Transporter: Not reported
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F006
Waste Description: Hazardous waste debris from electroplating structural repairs
Total Amt Of Waste Stream Generated in Reporting Yr 1: 0
Total Amt Of Waste Stream Generated in Reporting Yr 2: 579.573

Year : 2015
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 011871329JJK
Ship Date : 01/21/2015
TSD : ORD089452353
WS Num: 5
Transporter: Not reported
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F006
Waste Description: Wastewater treatment sludges from electroplating operations
Total Amt Of Waste Stream Generated in Reporting Yr 1: 36740.756
Total Amt Of Waste Stream Generated in Reporting Yr 2: 10542.5145

Year : 2015
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 011871354JJK
Ship Date : 04/13/2015
TSD : ORD089452353
WS Num: 5
Transporter: Not reported
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F006
Waste Description: Wastewater treatment sludges from electroplating operations
Total Amt Of Waste Stream Generated in Reporting Yr 1: 36740.756
Total Amt Of Waste Stream Generated in Reporting Yr 2: 9507.6275

Year : 2015
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 011881504JJK
Ship Date : 07/17/2015
TSD : ORD089452353
WS Num: 5
Transporter: Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F006
Waste Description: Wastewater treatment sludges from electroplating operations
Total Amt Of Waste Stream Generated in Reporting Yr 1: 36740.756
Total Amt Of Waste Stream Generated in Reporting Yr 2: 9906.254

Year : 2015
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 011881556JJK
Ship Date : 10/12/2015
TSD : ORD089452353
WS Num: 5
Transporter: Not reported
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F006
Waste Description: Wastewater treatment sludges from electroplating operations
Total Amt Of Waste Stream Generated in Reporting Yr 1: 36740.756
Total Amt Of Waste Stream Generated in Reporting Yr 2: 6492.306

Year : 2015
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 011881822JJK
Ship Date : 12/21/2015
TSD : ORD089452353
WS Num: 5
Transporter: Not reported
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F006
Waste Description: Wastewater treatment sludges from electroplating operations
Total Amt Of Waste Stream Generated in Reporting Yr 1: 36740.756
Total Amt Of Waste Stream Generated in Reporting Yr 2: 8009.2635

Year : 2015
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 011871329JJK
Ship Date : 01/21/2015
TSD : ORD089452353
WS Num: 6
Transporter: Not reported
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F006
Waste Description: Hazardous waste debris from electroplating structural repairs
Total Amt Of Waste Stream Generated in Reporting Yr 1: 0

EAST SIDE PLATING WORKS (Continued) **1000393917**

Total Amt Of Waste Stream Generated in Reporting Yr 2: 579.573

Year : 2015
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 011871329JJK
Ship Date : 01/21/2015
TSD : ORD089452353
WS Num: 5
Transporter: Not reported
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F006
Waste Description: Wastewater treatment sludges from electroplating operations
Total Amt Of Waste Stream Generated in Reporting Yr 1: 36740.756
Total Amt Of Waste Stream Generated in Reporting Yr 2: 10542.5145

Year : 2015
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 011871354JJK
Ship Date : 04/13/2015
TSD : ORD089452353
WS Num: 5
Transporter: Not reported
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F006
Waste Description: Wastewater treatment sludges from electroplating operations
Total Amt Of Waste Stream Generated in Reporting Yr 1: 36740.756
Total Amt Of Waste Stream Generated in Reporting Yr 2: 9507.6275

Manifest:
Year : 2014
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 001252345FLE
Ship Date : 03/28/2014
TSD : ORD089452353
WS Num: 5
Transporter: CAT000624247
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F006
Waste Description: Wastewater treatment sludges from electroplating operations
Total Amt Of Waste Stream Generated in Reporting Yr 1: 34021.116499999996
Total Amt Of Waste Stream Generated in Reporting Yr 2: 4486.9290000000001

Year : 2014

EAST SIDE PLATING WORKS (Continued) **1000393917**

RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 011872483JJK
Ship Date : 06/16/2014
TSD : ORD089452353
WS Num: 5
Transporter: CAT000624247
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F006
Waste Description: Wastewater treatment sludges from electroplating operations
Total Amt Of Waste Stream Generated in Reporting Yr 1: 34021.116499999996
Total Amt Of Waste Stream Generated in Reporting Yr 2: 5747.6589999999997

Year : 2014
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 011881381JJK
Ship Date : 09/11/2014
TSD : ORD089452353
WS Num: 5
Transporter: CAT000624247
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F006
Waste Description: Wastewater treatment sludges from electroplating operations
Total Amt Of Waste Stream Generated in Reporting Yr 1: 34021.116499999996
Total Amt Of Waste Stream Generated in Reporting Yr 2: 7455.54

Year : 2014
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 011881465JJK
Ship Date : 10/29/2014
TSD : ORD089452353
WS Num: 5
Transporter: CAT000624247
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F006
Waste Description: Wastewater treatment sludges from electroplating operations
Total Amt Of Waste Stream Generated in Reporting Yr 1: 34021.116499999996
Total Amt Of Waste Stream Generated in Reporting Yr 2: 6889.1184999999996

Year : 2014
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 001252342FLE
Ship Date : 01/10/2014
TSD : ORD089452353

EAST SIDE PLATING WORKS (Continued) **1000393917**

WS Num: 5
Transporter: ORQ000020644
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F006
Waste Description: Wastewater treatment sludges from electroplating operations
Total Amt Of Waste Stream Generated in Reporting Yr 1: 34021.116499999996
Total Amt Of Waste Stream Generated in Reporting Yr 2: 4116.8729999999996

Year : 2014
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : Not reported
Ship Date : 09/11/2014
TSD : ORD089452353
WS Num: 6
Transporter: CAT000624247
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F006
Waste Description: Hazardous waste debris from electroplating structural repairs
Total Amt Of Waste Stream Generated in Reporting Yr 1: 1877.0364999999999
Total Amt Of Waste Stream Generated in Reporting Yr 2: 1241.2294999999999

Year : 2014
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 011881465JJK
Ship Date : 10/29/2014
TSD : ORD089452353
WS Num: 6
Transporter: CAT000624247
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F006
Waste Description: Hazardous waste debris from electroplating structural repairs
Total Amt Of Waste Stream Generated in Reporting Yr 1: 1877.0364999999999
Total Amt Of Waste Stream Generated in Reporting Yr 2: 56.234000000000002

Manifest:
Year : 2013
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 001252335FLE
Ship Date : 07/30/2013
TSD : ORD089452353
WS Num: 5
Transporter: ORQ000024475
Ship Qty : Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F006
Waste Description: Wastewater treatment sludges from electroplating operations
Total Amt Of Waste Stream Generated in Reporting Yr 1: 29062.547500000001
Total Amt Of Waste Stream Generated in Reporting Yr 2: 3200.3494999999998

Year : 2013
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 001252339FLE
Ship Date : 10/15/2013
TSD : ORD089452353
WS Num: 5
Transporter: ORQ000024475
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F006
Waste Description: Wastewater treatment sludges from electroplating operations
Total Amt Of Waste Stream Generated in Reporting Yr 1: 29062.547500000001
Total Amt Of Waste Stream Generated in Reporting Yr 2: 12642.673000000001

Year : 2013
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 010586285JJK
Ship Date : 02/13/2013
TSD : ORD089452353
WS Num: 5
Transporter: CAT000624247
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F006
Waste Description: Wastewater treatment sludges from electroplating operations
Total Amt Of Waste Stream Generated in Reporting Yr 1: 29062.547500000001
Total Amt Of Waste Stream Generated in Reporting Yr 2: 4686.9224999999997

Year : 2013
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 001252332FLE
Ship Date : 05/16/2013
TSD : ORD089452353
WS Num: 5
Transporter: ORQ000024475
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F006
Waste Description: Wastewater treatment sludges from electroplating operations
Total Amt Of Waste Stream Generated in Reporting Yr 1: 29062.547500000001
Total Amt Of Waste Stream Generated in Reporting Yr 2: 6797.5114999999996

EAST SIDE PLATING WORKS (Continued) **1000393917**

Manifest:
Year : 2012
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 002947428JJK
Ship Date : 04/18/2012
TSD : AZD980735500
WS Num: 5
Transporter: CAR000177527
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H010
EPA Waste Codes: F006
Waste Description: Wastewater treatment sludges from electroplating operations
Total Amt Of Waste Stream Generated in Reporting Yr 1: Not reported
Total Amt Of Waste Stream Generated in Reporting Yr 2: Not reported

Year : 2012
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 009399494JJK
Ship Date : 11/09/2012
TSD : ORD089452353
WS Num: 5
Transporter: CAT000624247
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F006
Waste Description: Wastewater treatment sludges from electroplating operations
Total Amt Of Waste Stream Generated in Reporting Yr 1: Not reported
Total Amt Of Waste Stream Generated in Reporting Yr 2: Not reported

Year : 2012
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 009399643JJK
Ship Date : 08/08/2012
TSD : ORD089452353
WS Num: 5
Transporter: CAT000624247
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F006
Waste Description: Wastewater treatment sludges from electroplating operations
Total Amt Of Waste Stream Generated in Reporting Yr 1: Not reported
Total Amt Of Waste Stream Generated in Reporting Yr 2: Not reported

Year : 2012
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 009399494JJK

EAST SIDE PLATING WORKS (Continued) **1000393917**

Ship Date : 11/09/2012
TSD : ORD089452353
WS Num: 6
Transporter: CAT000624247
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: F006
Waste Description: Hazardous waste debris from electroplating structural repairs
Total Amt Of Waste Stream Generated in Reporting Yr 1: Not reported
Total Amt Of Waste Stream Generated in Reporting Yr 2: Not reported

Year : 2012
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 009399494JJK
Ship Date : 11/09/2012
TSD : ORD089452353
WS Num: 7
Transporter: CAT000624247
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H040
EPA Waste Codes: D003 D006 F006
Waste Description: Sludge from clean-out of cyanide-cadmium electroplating sump
Total Amt Of Waste Stream Generated in Reporting Yr 1: Not reported
Total Amt Of Waste Stream Generated in Reporting Yr 2: Not reported

Manifest:
Year : 2011
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 001252399FLE
Ship Date : 12/21/2011
TSD : AZD980735500
WS Num: 7
Transporter: AZR000508515
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H010
EPA Waste Codes: F006
Waste Description: Wastewater treatment sludges from electroplating operations
Total Amt Of Waste Stream Generated in Reporting Yr 1: 12037.704
Total Amt Of Waste Stream Generated in Reporting Yr 2: 2996.2745

Year : 2011
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 008364787JJK
Ship Date : 07/29/2011
TSD : AZD980735500
WS Num: 7

EAST SIDE PLATING WORKS (Continued) **1000393917**

Transporter: CAR000177527
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H010
EPA Waste Codes: F006
Waste Description: Wastewater treatment sludges from electroplating operations
Total Amt Of Waste Stream Generated in Reporting Yr 1: 12037.704
Total Amt Of Waste Stream Generated in Reporting Yr 2: 2683.8130000000001

Year : 2011
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 001252329FLE
Ship Date : 04/11/2011
TSD : TXD981514383
WS Num: 7
Transporter: CAR000187922
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H010
EPA Waste Codes: F006
Waste Description: Wastewater treatment sludges from electroplating operations
Total Amt Of Waste Stream Generated in Reporting Yr 1: 12037.704
Total Amt Of Waste Stream Generated in Reporting Yr 2: 6642.8680000000004

Year : 2011
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 003950244FLE
Ship Date : 04/21/2011
TSD : ORD089452353
WS Num: 8
Transporter: CAT000624247
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H112
EPA Waste Codes: D002 D006 D007
Waste Description: Hazardous waste Debris, used Cyanide and Chromium filters
Total Amt Of Waste Stream Generated in Reporting Yr 1: 138.3175
Total Amt Of Waste Stream Generated in Reporting Yr 2: 115.6425

Year : 2011
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 003952758FLE
Ship Date : 10/04/2011
TSD : ORD089452353
WS Num: 8
Transporter: CAT000624247
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H112
EPA Waste Codes: D002 D006 D007
Waste Description: Hazardous waste Debris, used Cyanide and Chromium filters

EAST SIDE PLATING WORKS (Continued) **1000393917**

Total Amt Of Waste Stream Generated in Reporting Yr 1: 138.3175
Total Amt Of Waste Stream Generated in Reporting Yr 2: 22.675000000000001

Manifest:
Year : 2010
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 001252323FLE
Ship Date : 06/11/2010
TSD : TXD981514383
WS Num: 2
Transporter: CAR000187922
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H010
EPA Waste Codes: D002 F008
Waste Description: Alkaline cleaner sludge from bottom of cleaner tanks
Total Amt Of Waste Stream Generated in Reporting Yr 1: 423.85924
Total Amt Of Waste Stream Generated in Reporting Yr 2: 423.85924

Year : 2010
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 001252323FLE
Ship Date : 06/11/2010
TSD : TXD981514383
WS Num: 6
Transporter: CAR000187922
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H010
EPA Waste Codes: D006 D007 F006
Waste Description: Wastewater treatment sludge from electroplating operations. Listed Waste.
Total Amt Of Waste Stream Generated in Reporting Yr 1: 12348.351500000001
Total Amt Of Waste Stream Generated in Reporting Yr 2: 4114.6054999999997

Year : 2010
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 001252326FLE
Ship Date : 10/14/2010
TSD : TXD981514383
WS Num: 6
Transporter: CAR000187922
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H010
EPA Waste Codes: D006 D007 F006
Waste Description: Wastewater treatment sludge from electroplating operations. Listed Waste.
Total Amt Of Waste Stream Generated in Reporting Yr 1: 12348.351500000001
Total Amt Of Waste Stream Generated in Reporting Yr 2: 5363.5445

EAST SIDE PLATING WORKS (Continued) **1000393917**

Year : 2010
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 002656987FLE
Ship Date : 03/12/2010
TSD : ORD089452353
WS Num: 12
Transporter: ORQ000011668
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: D002 D006
Waste Description: Hazardous waste Debris, used Cyanide and Chromium filters
Total Amt Of Waste Stream Generated in Reporting Yr 1: 134.68950000000001
Total Amt Of Waste Stream Generated in Reporting Yr 2: 134.68950000000001

Manifest:
Year : 2009
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 0040590227JJ
Ship Date : 03/27/2009
TSD : ORD089452353
WS Num: 6
Transporter: WAR000001743
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: D006 D007 F006
Waste Description: Wastewater treatment sludge from electroplating operations. Listed Waste.
Total Amt Of Waste Stream Generated in Reporting Yr 1: 14725.145
Total Amt Of Waste Stream Generated in Reporting Yr 2: 1329.2085

Year : 2009
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 002278621FLE
Ship Date : 05/20/2009
TSD : ORD089452353
WS Num: 12
Transporter: CAT000624247
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H131
EPA Waste Codes: D002 D006
Waste Description: Hazardous waste Debris, used Cyanide and Chromium filters
Total Amt Of Waste Stream Generated in Reporting Yr 1: 777.29899999999998
Total Amt Of Waste Stream Generated in Reporting Yr 2: 375.04450000000003

Year : 2009
RCRA Id : ORD009049107
Inactive : Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Status: Large quantity generator
Manifest : 001252315FLE
Ship Date : 01/14/2009
TSD : TXD981514383
WS Num: 6
Transporter: GAR000190335
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H010
EPA Waste Codes: D006 D007 F006
Waste Description: Wastewater treatment sludge from electroplating operations. Listed Waste.
Total Amt Of Waste Stream Generated in Reporting Yr 1: 14725.145
Total Amt Of Waste Stream Generated in Reporting Yr 2: 6956.2365

Year : 2009
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 001252315FLE
Ship Date : 01/14/2009
TSD : TXD981514383
WS Num: 2
Transporter: GAR000190355
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H010
EPA Waste Codes: D002 F008
Waste Description: Alkaline cleaner sludge from bottom of cleaner tanks
Total Amt Of Waste Stream Generated in Reporting Yr 1: 635.78886
Total Amt Of Waste Stream Generated in Reporting Yr 2: 211.92962

Year : 2009
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 002274245FLE
Ship Date : 01/20/2009
TSD : ORD089452353
WS Num: 12
Transporter: ORQ000026128
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H131
EPA Waste Codes: D002 D006
Waste Description: Hazardous waste Debris, used Cyanide and Chromium filters
Total Amt Of Waste Stream Generated in Reporting Yr 1: 777.29899999999998
Total Amt Of Waste Stream Generated in Reporting Yr 2: 403.61500000000001

Year : 2009
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 001252319FLE
Ship Date : 12/11/2009
TSD : TXD981514383
WS Num: 2
Transporter: TXR000025072

EAST SIDE PLATING WORKS (Continued) **1000393917**

Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H010
EPA Waste Codes: D002 F008
Waste Description: Alkaline cleaner sludge from bottom of cleaner tanks
Total Amt Of Waste Stream Generated in Reporting Yr 1: 635.78886
Total Amt Of Waste Stream Generated in Reporting Yr 2: 423.85924

Year : 2009
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 001252319FLE
Ship Date : 12/11/2009
TSD : TXD981514383
WS Num: 6
Transporter: TXR000025072
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H010
EPA Waste Codes: D006 D007 F006
Waste Description: Wastewater treatment sludge from electroplating operations. Listed Waste.
Total Amt Of Waste Stream Generated in Reporting Yr 1: 14725.145
Total Amt Of Waste Stream Generated in Reporting Yr 2: 4020.7310000000002

Year : 2009
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 005609022JJK
Ship Date : 06/08/2009
TSD : ORD089452353
WS Num: 6
Transporter: WAR000001743
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: D006 D007 F006
Waste Description: Wastewater treatment sludge from electroplating operations. Listed Waste.
Total Amt Of Waste Stream Generated in Reporting Yr 1: 14725.145
Total Amt Of Waste Stream Generated in Reporting Yr 2: 2418.9690000000001

Manifest:
Year : 2008
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 002947427jjk
Ship Date : 06/16/2008
TSD : AZD980735500
WS Num: 2
Transporter: AZR000035717
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H010

EAST SIDE PLATING WORKS (Continued) **1000393917**

EPA Waste Codes: D002 F008
Waste Description: Alkaline cleaner sludge from bottom of cleaner tanks
Total Amt Of Waste Stream Generated in Reporting Yr 1: 1192.1041124999999
Total Amt Of Waste Stream Generated in Reporting Yr 2: 397.36803750000001

Year : 2008
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 002947427JJK
Ship Date : 06/16/2008
TSD : AZD980735500
WS Num: 6
Transporter: AZR000035717
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H010
EPA Waste Codes: D006 D007 F006
Waste Description: Wastewater treatment sludge from electroplating operations. Listed Waste.
Total Amt Of Waste Stream Generated in Reporting Yr 1: 13736.968500000001
Total Amt Of Waste Stream Generated in Reporting Yr 2: 4385.7984999999999

Year : 2008
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 002947426JJK
Ship Date : 02/08/2008
TSD : AZD980735500
WS Num: 6
Transporter: AZR000035717
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H010
EPA Waste Codes: D006 D007 F006
Waste Description: Wastewater treatment sludge from electroplating operations. Listed Waste.
Total Amt Of Waste Stream Generated in Reporting Yr 1: 13736.968500000001
Total Amt Of Waste Stream Generated in Reporting Yr 2: 1330.569

Year : 2008
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 002068220FLE
Ship Date : 07/07/2008
TSD : ORD089452353
WS Num: 12
Transporter: ORQ000026128
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: D002 D006
Waste Description: Hazardous waste Debris, used Cyanide and Chromium filters
Total Amt Of Waste Stream Generated in Reporting Yr 1: 1199.5074999999999
Total Amt Of Waste Stream Generated in Reporting Yr 2: 215.41249999999999

Year : 2008

EAST SIDE PLATING WORKS (Continued) **1000393917**

RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 001032126FLE
Ship Date : 02/04/2008
TSD : ORD089452353
WS Num: 12
Transporter: ORQ000011668
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: D002 D006
Waste Description: Hazardous waste Debris, used Cyanide and Chromium filters
Total Amt Of Waste Stream Generated in Reporting Yr 1: 1199.5074999999999
Total Amt Of Waste Stream Generated in Reporting Yr 2: 167.79499999999999

Year : 2008
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 002068728FLE
Ship Date : 10/22/2008
TSD : ORD089452353
WS Num: 12
Transporter: ORQ000026128
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: D002 D006
Waste Description: Hazardous waste Debris, used Cyanide and Chromium filters
Total Amt Of Waste Stream Generated in Reporting Yr 1: 1199.5074999999999
Total Amt Of Waste Stream Generated in Reporting Yr 2: 816.29999999999995

Year : 2008
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 002947426jjk
Ship Date : 02/08/2008
TSD : AZD980735500
WS Num: 2
Transporter: AZR000035717
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H010
EPA Waste Codes: D002 F008
Waste Description: Alkaline cleaner sludge from bottom of cleaner tanks
Total Amt Of Waste Stream Generated in Reporting Yr 1: 1192.1041124999999
Total Amt Of Waste Stream Generated in Reporting Yr 2: 423.85924

Year : 2008
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 001252310FLE
Ship Date : 07/30/2008
TSD : TXD981514383

EAST SIDE PLATING WORKS (Continued) **1000393917**

WS Num: 6
Transporter: CAR000177527
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H010
EPA Waste Codes: D006 D007 F006
Waste Description: Wastewater treatment sludge from electroplating operations. Listed Waste.
Total Amt Of Waste Stream Generated in Reporting Yr 1: 13736.968500000001
Total Amt Of Waste Stream Generated in Reporting Yr 2: 4198.5029999999997

Year : 2008
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 001252310fle
Ship Date : 07/30/2008
TSD : TXD981514383
WS Num: 2
Transporter: AZR000035717
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H010
EPA Waste Codes: D002 F008
Waste Description: Alkaline cleaner sludge from bottom of cleaner tanks
Total Amt Of Waste Stream Generated in Reporting Yr 1: 1192.1041124999999
Total Amt Of Waste Stream Generated in Reporting Yr 2: 370.87683500000003

Manifest:
Year : 2007
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 002544915JJK
Ship Date : 08/31/2007
TSD : AZD980735500
WS Num: 6
Transporter: AZR000035717
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H010
EPA Waste Codes: D006 D007 F006
Waste Description: Wastewater treatment sludge from electroplating operations. Listed Waste.
Total Amt Of Waste Stream Generated in Reporting Yr 1: 19410.25
Total Amt Of Waste Stream Generated in Reporting Yr 2: 3980.8200000000002

Year : 2007
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 001252308FLE
Ship Date : 12/28/2007
TSD : TXD981514383
WS Num: 6
Transporter: UTR000007708
Ship Qty : Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Rpt Unit : Not reported
Off Mng : H010
EPA Waste Codes: D006 D007 F006
Waste Description: Wastewater treatment sludge from electroplating operations. Listed Waste.
Total Amt Of Waste Stream Generated in Reporting Yr 1: 19410.25
Total Amt Of Waste Stream Generated in Reporting Yr 2: 5329.9899999999998

Year : 2007
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 001691411JJK
Ship Date : 07/23/2007
TSD : WAD991281767
WS Num: 10
Transporter: WAR000001743
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H040
EPA Waste Codes: D006 D007 P029
Waste Description: sump solution containing cyanaide and cadmium
Total Amt Of Waste Stream Generated in Reporting Yr 1: 840.34000000000003
Total Amt Of Waste Stream Generated in Reporting Yr 2: 840.34000000000003

Year : 2007
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 001110780FLE
Ship Date : 11/05/2007
TSD : ORD089452353
WS Num: 12
Transporter: ORQ000011668
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: D002 D006
Waste Description: Hazardous waste Debris, used Cyanide and Chromium filters
Total Amt Of Waste Stream Generated in Reporting Yr 1: 458.49000000000001
Total Amt Of Waste Stream Generated in Reporting Yr 2: 186.38999999999999

Year : 2007
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 000369870JJK
Ship Date : 04/06/2007
TSD : AZD980735500
WS Num: 6
Transporter: AZR000035717
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H010
EPA Waste Codes: D006 D007 F006
Waste Description: Wastewater treatment sludge from electroplating operations. Listed Waste.
Total Amt Of Waste Stream Generated in Reporting Yr 1: 19410.25
Total Amt Of Waste Stream Generated in Reporting Yr 2: 2143.2399999999998

EAST SIDE PLATING WORKS (Continued) **1000393917**

Year : 2007
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 002544915JJK
Ship Date : 03/31/2007
TSD : AZD980735500
WS Num: 2
Transporter: AZR000035717
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H010
EPA Waste Codes: D002 F008
Waste Description: Alkaline cleaner sludge from bottom of cleaner tanks
Total Amt Of Waste Stream Generated in Reporting Yr 1: 715.25999999999999
Total Amt Of Waste Stream Generated in Reporting Yr 2: 715.25999999999999

Year : 2007
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 002544914JJK
Ship Date : 06/13/2007
TSD : AZD980735500
WS Num: 6
Transporter: AZR000035717
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H010
EPA Waste Codes: D006 D007 F006
Waste Description: Wastewater treatment sludge from electroplating operations. Listed Waste.
Total Amt Of Waste Stream Generated in Reporting Yr 1: 19410.25
Total Amt Of Waste Stream Generated in Reporting Yr 2: 4199.4099999999999

Year : 2007
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 000369869JJK
Ship Date : 01/31/2007
TSD : AZD980735500
WS Num: 6
Transporter: UTR000007708
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H010
EPA Waste Codes: D006 D007 F006
Waste Description: Wastewater treatment sludge from electroplating operations. Listed Waste.
Total Amt Of Waste Stream Generated in Reporting Yr 1: 19410.25
Total Amt Of Waste Stream Generated in Reporting Yr 2: 3756.79

Year : 2007
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 001174245FLE
Ship Date : 03/02/2007

EAST SIDE PLATING WORKS (Continued) **1000393917**

TSD : ORD089452353
WS Num: 12
Transporter: ORQ000011668
Ship Qty : Not reported
Rpt Unit : Not reported
Off Mng : H132
EPA Waste Codes: D002 D006
Waste Description: Hazardous waste Debris, used Cyanide and Chromium filters
Total Amt Of Waste Stream Generated in Reporting Yr 1: 458.49000000000001
Total Amt Of Waste Stream Generated in Reporting Yr 2: 272.10000000000002

Manifest:
Year : 2006
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 63491
Ship Date : 03/28/2006
TSD : WAD991281767
WS Num: Not reported
Transporter: WAR000001743
Ship Qty : 3460
Rpt Unit : LB
Off Mng : H040
EPA Waste Codes: D006 D007 P029
Waste Description: sump solution containing cyanaide and cadmium
Total Amt Of Waste Stream Generated in Reporting Yr 1: Not reported
Total Amt Of Waste Stream Generated in Reporting Yr 2: Not reported

Year : 2006
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 15806
Ship Date : 06/07/2006
TSD : AZR980735500
WS Num: Not reported
Transporter: AZR000035717
Ship Qty : 5899
Rpt Unit : LB
Off Mng : H010
EPA Waste Codes: D006 D007 F006
Waste Description: Wastewater treatment sludge from electroplating operations. Listed Waste.
Total Amt Of Waste Stream Generated in Reporting Yr 1: Not reported
Total Amt Of Waste Stream Generated in Reporting Yr 2: Not reported

Year : 2006
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 24306
Ship Date : 08/31/2006
TSD : AZR980735500
WS Num: Not reported
Transporter: AZR000035717

EAST SIDE PLATING WORKS (Continued) **1000393917**

Ship Qty : 80
Rpt Unit : GAL
Off Mng : H010
EPA Waste Codes: D002 F008
Waste Description: Alkaline cleaner sludge from bottom of cleaner tanks
Total Amt Of Waste Stream Generated in Reporting Yr 1: Not reported
Total Amt Of Waste Stream Generated in Reporting Yr 2: Not reported

Year : 2006
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 11106
Ship Date : 04/20/2006
TSD : TXD981514383
WS Num: Not reported
Transporter: CAD063547996
Ship Qty : 6295
Rpt Unit : LB
Off Mng : H010
EPA Waste Codes: D006 D007 F006
Waste Description: Wastewater treatment sludge from electroplating operations. Listed Waste.
Total Amt Of Waste Stream Generated in Reporting Yr 1: Not reported
Total Amt Of Waste Stream Generated in Reporting Yr 2: Not reported

Year : 2006
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 24306
Ship Date : 08/31/2006
TSD : AZR980735500
WS Num: Not reported
Transporter: AZR000035717
Ship Qty : 8577
Rpt Unit : LB
Off Mng : H010
EPA Waste Codes: D006 D007 F006
Waste Description: Wastewater treatment sludge from electroplating operations. Listed Waste.
Total Amt Of Waste Stream Generated in Reporting Yr 1: Not reported
Total Amt Of Waste Stream Generated in Reporting Yr 2: Not reported

Year : 2006
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 04006
Ship Date : 02/07/2006
TSD : ORD089452353
WS Num: Not reported
Transporter: CAD063547996
Ship Qty : 5925
Rpt Unit : LB
Off Mng : H132
EPA Waste Codes: D006 D007 F006
Waste Description: Wastewater treatment sludge from electroplating operations. Listed Waste.
Total Amt Of Waste Stream Generated in Reporting Yr 1: Not reported

EAST SIDE PLATING WORKS (Continued) **1000393917**

Total Amt Of Waste Stream Generated in Reporting Yr 2: Not reported

Year : 2006
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 369867JJK
Ship Date : 11/02/2006
TSD : AZR980735500
WS Num: Not reported
Transporter: AZR000035717
Ship Qty : 6070
Rpt Unit : LB
Off Mng : H010
EPA Waste Codes: D006 D007 F006
Waste Description: Wastewater treatment sludge from electroplating operations. Listed Waste.
Total Amt Of Waste Stream Generated in Reporting Yr 1: Not reported
Total Amt Of Waste Stream Generated in Reporting Yr 2: Not reported

Manifest:
Year : 2004
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 33404
Ship Date : 12/08/2004
TSD : ORD089452353
WS Num: Not reported
Transporter: CAD063547996
Ship Qty : 6286
Rpt Unit : LB
Off Mng : H132
EPA Waste Codes: D006 D007 F006
Waste Description: Not reported
Total Amt Of Waste Stream Generated in Reporting Yr 1: Not reported
Total Amt Of Waste Stream Generated in Reporting Yr 2: Not reported

Year : 2004
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 23904
Ship Date : 08/25/2004
TSD : TXD981514383
WS Num: Not reported
Transporter: CAD063547996
Ship Qty : 385
Rpt Unit : LB
Off Mng : H010
EPA Waste Codes: D002
Waste Description: Not reported
Total Amt Of Waste Stream Generated in Reporting Yr 1: Not reported
Total Amt Of Waste Stream Generated in Reporting Yr 2: Not reported

Year : 2004

EAST SIDE PLATING WORKS (Continued) **1000393917**

RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 09804
Ship Date : 04/01/2004
TSD : TXD981514383
WS Num: Not reported
Transporter: CAD063547996
Ship Qty : 7751
Rpt Unit : LB
Off Mng : H010
EPA Waste Codes: D006 D007 F006
Waste Description: Not reported
Total Amt Of Waste Stream Generated in Reporting Yr 1: Not reported
Total Amt Of Waste Stream Generated in Reporting Yr 2: Not reported

Year : 2004
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 29504
Ship Date : 10/19/2004
TSD : ORD089452353
WS Num: Not reported
Transporter: CAD063547996
Ship Qty : 5832
Rpt Unit : LB
Off Mng : H132
EPA Waste Codes: D006 D007 F006
Waste Description: Not reported
Total Amt Of Waste Stream Generated in Reporting Yr 1: Not reported
Total Amt Of Waste Stream Generated in Reporting Yr 2: Not reported

Year : 2004
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 23904
Ship Date : 08/25/2004
TSD : TXD981524383
WS Num: Not reported
Transporter: CAD063547996
Ship Qty : 9224
Rpt Unit : LB
Off Mng : H010
EPA Waste Codes: D006 D007 F006
Waste Description: Not reported
Total Amt Of Waste Stream Generated in Reporting Yr 1: Not reported
Total Amt Of Waste Stream Generated in Reporting Yr 2: Not reported

Year : 2004
RCRA Id : ORD009049107
Inactive : Not reported
Status: Large quantity generator
Manifest : 16804
Ship Date : 06/16/2004
TSD : TXD981514383

EAST SIDE PLATING WORKS (Continued) **1000393917**

WS Num:	Not reported
Transporter:	CAD063547996
Ship Qty :	22386
Rpt Unit :	LB
Off Mng :	H010
EPA Waste Codes:	D006 D007 F006
Waste Description:	Not reported
Total Amt Of Waste Stream Generated in Reporting Yr 1:	Not reported
Total Amt Of Waste Stream Generated in Reporting Yr 2:	Not reported

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DJ405 **1988 SE 3RD AVENUE** **OR ECSI** **S123272149**
SW **1988 SE 3RD AVENUE** **N/A**
1/2-1 **PORTLAND, OR 97214**
0.671 mi.
3543 ft. **Site 1 of 2 in cluster DJ**

Relative:
Lower

Actual:
58 ft.

ECSI:

State ID Number:	6313
Brown ID:	0
Study Area:	False
Region ID:	Not reported
Legislatve ID:	0
Investigation:	Suspect
FACA ID:	153290
Further Action:	0
Lat/Long (dms):	45 30 31.00 / -122 39 45.00
County Code:	26.00
Score Value:	Not reported
Cerclis ID:	Not reported
Township Coord.:	1.00
Township Zone:	S
Range Coord:	1.00
Range Zone:	E
Section Coord:	3
Qtr Section:	DA
Tax Lots:	04700
Size:	0.42 acres
NPL:	False
Orphan:	False
Updated By:	GGAMOLO
Update Date:	12/31/2018
Created Date:	12/31/2018
Decode For RegionID:	Not reported
Decode For BrownID:	Not reported
Decode For Furtheract:	Not reported
Decode For Investstat:	Suspect
Decode For Legislative:	Not reported

Administrative Action:

Action ID:	9424
Region:	Not reported
Complete Date:	12/31/2018
Rank Value:	Not reported
Cleanup Flag:	False
Created Date:	12/31/2018
Decode for AgencyID:	Department of Environmental Quality
Decode for RegionID:	Not reported

1988 SE 3RD AVENUE (Continued) **S123272149**

Category: Administrative Action
Action Code Flag: False
Action: Site added to database
Further Action: Not reported
Comments: Not reported

Action ID: 9511
Region: Northwestern Region
Complete Date: Not reported
Rank Value: Not reported
Cleanup Flag: False
Created Date: 12/31/2018
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: SITE INVESTIGATION
Further Action: 0
Comments: Not reported

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406 SSW 1/2-1 0.688 mi. 3634 ft.

GRANT STREET PROPERTY
624 SE GRANT/2227 SE 7TH
PORTLAND, OR 97214

OR ECSI **S105807711**
OR VCP **N/A**

Relative: Higher

Actual: 70 ft.

ECSI:
State ID Number: 3828
Brown ID: 0
Study Area: False
Region ID: 2
Legislatve ID: 831
Investigation: No Further Action
FACA ID: 37730
Further Action: 0
Lat/Long (dms): 45 30 24.80 / -122 39 32.40
County Code: 26.00
Score Value: Not reported
Cerclis ID: Not reported
Township Coord.: 1.00
Township Zone: S
Range Coord: 1.00
Range Zone: E
Section Coord: 2
Qtr Section: CC
Tax Lots: 5200
Size: Not reported
NPL: False
Orphan: False
Updated By: GWISTAR
Update Date: 10/24/2006
Created Date: 03/21/2003
Decode For RegionID: Northwest Region
Decode For BrownID: Not reported
Decode For Furtheract: Not reported
Decode For Investstat: No Further Action
Decode For Legislative: Owner, operator or other party under agreement, order or consent decree under ORS 465.200 or 465.420

GRANT STREET PROPERTY (Continued) **S105807711**

Alias Name: Laurel Rose

Narrative:

NARR ID: 5744164
NARR Code: Contamination
Created By: MPUGH
Created Date: 09/15/2003
Updated By: GWISTAR
Updated Date: 01/29/2004
Decode for NarcdID: Contamination
NARR Comments: (9/15/03 MTP) Earth Tech Inc. (Earth Tech) conducted a Phase I Environmental Investigation and documented the results in a draft report dated August 17, 2001. During the investigation Earth Tech advanced 3 soil borings. Chemical analysis detected total residual range organics (RRO; similar to total petroleum hydrocarbon (TPH) as heavy oil) at a concentration of 2,900 milligrams per kilogram (mg/kg) from a sample collected from 1 to 2 feet below ground surface (bgs) in boring B-2, advanced near an oil storage area. Residual diesel-range organics (DRO; similar to TPH as diesel) was detected at a concentration of 220 mg/kg in this sample. The sample from 5 feet bgs at this location contained RRO at 1,000 mg/kg, but did not contain detectable DRO. DRO and RRO were not detected in the other two borings. Earth Tech concluded that the TPH contamination represented approximately 10 to 15 cubic yards of soil, and was the only environmental concern at the site. Northwest Envirosearch conducted a Phase I investigation in 2002. They observed excess petroleum oils in the outside storm water catch basin, which is connected to the City of Portland sanitary sewer. Northwest Envirosearch recommended the catch basin be cleaned, but it is not clear if this occurred. DEQ did not observe petroleum in the catch basin during a site visit on April 22, 2003. Northwest Envirosearch concluded that the petroleum in the catch basin was the only environmental concern at the site. As indicated in a later report, Northwest Envirosearch was unaware that a previous Phase I investigation had been conducted, and that elevated TPH concentrations had been detected in soil. Phase II Investigation (ECS, 2003) ECS conducted A Phase II investigation in October 2002 to evaluate the extent of contamination detected in the earlier investigation. A total of six borings were advanced to total depths ranging from 8 to 12 feet bgs (ECS B-1 through ECS B-6). In borings ECS B-3 and ECS B-4, a horizon of soil from approximately 3- to 4.5 feet bgs brick fragments and charred wood was observed that appeared to be residue from a fire. The borings did not encounter groundwater at the maximum depth of 12 feet bgs. ECS submitted one sample from each boring for hydrocarbon identification analyses (HCID). Based on the HCID results, the sample collected from 4 feet bgs from ECS-B3 was further analyzed for extended range diesel (TPH-Dx). The analysis indicated TPH as heavy oil at a concentration of 180 mg/kg, and TPH as diesel (TPH-D) at a concentration of 60 mg/kg. TPH was not detected in sample ECS B-1, collected with about 1 foot of Earth Tech s boring B-2, where an elevated petroleum hydrocarbon concentration had been detected. Both samples from ECS-B-1 (2 and 4 feet) were analyzed for benzene, toluene, ethylbenzene, and total xylenes (BTEX), in addition to polynuclear aromatic hydrocarbons (PAHs). BTEX were not detected, but a number of PAHs were detected. With the exception of benzo(a)pyrene (0.0713 mg/kg) in ECS B-4, all PAH concentrations were below DEQ s risk-based concentration (RBC) for direct contact with soil under a residential-use scenario. All

GRANT STREET PROPERTY (Continued) **S105807711**

concentrations were below the RBC for direct contact under an occupational-use scenario. Based on DEQ s comments to the ICP Report, which contained results from the previous Phase I and Limited Phase II investigations, ECS conducted additional site characterization sampling in May 2003 to better define the extent of contamination. A total of seven borings were advanced to a total depth of 8 feet bgs (ECS B-7 through ECS B-13). Groundwater was not encountered in any of the borings. Borings ECS B-9 and ECS B-13 exhibited evidence of a fire (i.e., charred debris and black staining) at a depth of 3.5 feet, similar to previous observations ECS B-3 and ECS B-4. One sample from each boring was submitted for HCID analyses. Petroleum hydrocarbons were detected in the stained interval (3 feet bgs) in ECS B-9, and follow up TPH-Dx analysis indicated the sample contained 245 mg/kg TPH as heavy oil. TPH was not detected in a sample collected from 4 feet bgs from ECS B-9, immediately below the stained interval. The 3-foot sample was further analyzed for BTEX, in addition to PAHs. BTEX were not detected; a number of PAHs were detected. All PAH concentrations were below their respective RBCs for direct contact with soil under an occupational-use scenario. To evaluate the presence of waste oil constituents, the sample from ECS B-9 also was analyzed for cadmium, chromium and lead, and polychlorinated biphenyls (PCBs). These additional analyses are consistent with DEQ guidance for evaluation of waste oil contamination. PCBs were not found above method detection limit of 67 micrograms per kilogram (ug/kg). Reported cadmium (1.5 mg/kg) and chromium (28.6 mg/kg) concentrations appear to be within the range of naturally occurring concentrations, and are well below their respective U. S. Environmental Protection Agency Region 9 Preliminary Remediation Goals (PRGs) for industrial use soil. The lead concentration of 3,390 mg/kg in ECS B-9 is over three times its RBC of 1,000 mg/kg for industrial use soil. A Toxicity Characteristic Leaching Procedure (TCLP) analysis also was conducted, with a lead result of 0.41 milligrams per liter (mg/L). Cadmium and chromium were not detected in the TCLP leachate. At DEQ s request, ECS requested further lead analysis on soil samples that had been retained by the analytical laboratory. Additional lead analysis was conducted on four samples. Three of the samples collected from borings in the vicinity of ECS B-9 (i.e., ECS B-10, ECS B-11, ECS B-12) were within the range of expected naturally occurring lead concentrations (~17 mg/kg), and appear to define the extent of lead impacted soil in this area. The lead concentration reported for ECS B-7 was 66.8 mg/kg, and although elevated with expect to the expected background level of 17 mg/kg, is well below the RBC for direct contact with industrial soil (1,000 mg/kg).

NARR ID: 5744217
NARR Code: Data Sources
Created By: GWISTAR
Created Date: 09/19/2003
Updated By: GWISTAR
Updated Date: 09/19/2003
Decode for NarcdID: Data Sources
NARR Comments: Phase I Investigation (Northwest Envirosearch, 2002); Supplemental Phase II Investigation (ECS, 2003).

NARR ID: 5743214
NARR Code: Remedial Action

GRANT STREET PROPERTY (Continued) **S105807711**

Created By: JWAGGY
Created Date: 03/21/2003
Updated By: GWISTAR
Updated Date: 09/19/2003
Decode for NarcdID: Remedial Action
NARR Comments: (3/20/03 MTP/ICP) Site entered Independent Cleanup Pathway program. (9/15/03 MTP/ICP) Earth Tech Inc. (Earth Tech) conducted a Phase I Environmental Investigation and documented the results in a draft report dated August 17, 2001. Northwest Envirosearch conducted a Phase I investigation in 2002. Envirocomp Services conducted a Phase II investigation in October 2002. Based on DEQ s comments on the ICP Report, which contained results from the previous Phase I and Limited Phase II investigations, ECS conducted additional site characterization sampling in May 2003 to better define the extent of contamination. At DEQ s request, ECS requested further lead analysis on soil samples that had been retained by the analytical laboratory.

Administrative Action:
Action ID: 9424
Region: Not reported
Complete Date: 03/21/2003
Rank Value: Not reported
Cleanup Flag: False
Created Date: 03/21/2003
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Administrative Action
Action Code Flag: False
Action: Site added to database
Further Action: Not reported
Comments: Not reported

Action ID: 9435
Region: Northwestern Region
Complete Date: 09/15/2003
Rank Value: Not reported
Cleanup Flag: False
Created Date: 03/21/2003
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Independent Cleanup Program
Further Action: 0
Comments: Not reported

Action ID: 9511
Region: 0
Complete Date: 08/15/2003
Rank Value: Not reported
Cleanup Flag: False
Created Date: 09/15/2003
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Remedial Action
Action Code Flag: False
Action: SITE INVESTIGATION
Further Action: 0

GRANT STREET PROPERTY (Continued) **S105807711**

Comments: Not reported

Action ID: 9443
Region: Northwestern Region
Complete Date: 09/15/2003
Rank Value: Not reported
Cleanup Flag: False
Created Date: 09/15/2003
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: NO FURTHER STATE ACTION REQUIRED
Further Action: 0
Comments: Not reported

Operations:
Operation Id: 134711
Operation Status: Unknown
Common Name: Grant Street Property
Yrs of Operation: Unknown
Comments: Not reported
Updated Date: 03/21/2003
Updated By: JWAGGY
Decode for OpstatID: Unknown

VCS:
ECS Site ID: 3828
Facility Size: Not reported
Action: NO FURTHER STATE ACTION REQUIRED
Start Date: 09/15/2003
End Date: 09/15/2003
Facility Status: Completed
Program: ICP
Latitude: 45.5069
Longitude: -122.659

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407 NW 1/2-1 0.691 mi. 3647 ft. **PESTICIDE SPILL, I-5 & I-84** **OR ECSI** **1006867437**
I-5 & I-84 INTERCHANGE **FINDS** **N/A**
PORTLAND, OR 97232

Relative: Lower

Actual: 39 ft.

ECSI:
State ID Number: 334
Brown ID: 0
Study Area: False
Region ID: 2
Legislatve ID: 0
Investigation: Suspect
FACA ID: 39939
Further Action: 0
Lat/Long (dms): 45 31 29.00 / -122 39 50.00
County Code: 26.00
Score Value: Not reported
Cerclis ID: Not reported
Township Coord.: 1.00
Township Zone: N

PESTICIDE SPILL, I-5 & I-84 (Continued) **1006867437**

Range Coord: 1.00
Range Zone: E
Section Coord: 34
Qtr Section: DA
Tax Lots: Right-of-way
Size: Not reported
NPL: False
Orphan: False
Updated By: GWISTAR
Update Date: 08/23/2013
Created Date: 08/17/1988
Decode For RegionID: Northwest Region
Decode For BrownID: Not reported
Decode For Furtheract: Not reported
Decode For Investstat: Suspect
Decode For Legislative: Not reported
Alias Name: Your Town & Country Co-op

Hazardous Release:
Substance ID.: 120933
Haz Release ID: 385647
Qty Released: Not reported
Date Released: Unknown
Update Date: 08/17/1988
Update By: Not reported
Substance Code: 115-29-7
Substance Name: ENDOSULFAN
Substance Abbrev.: Not reported
Substance Alias ID: 316636
Sub Alias Name: MALIX
Substance Alias ID: 316637
Sub Alias Name: THIFOR
Substance Alias ID: 316638
Sub Alias Name: THIMUL
Substance Alias ID: 316639
Sub Alias Name: THIODAN

Narrative:
NARR ID: 5727214
NARR Code: Contamination
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Contamination
NARR Comments: On 2/5/86, nine 50-lb bags of CAPTAN fell off a truck and spilled. DEQ responded and a cleanup was initiated. Possible de minimis screening.

NARR ID: 5727215
NARR Code: Hazardous Substance/Waste Types
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Hazardous Substance/Waste Types
NARR Comments: pesticides (fungicides) endosulfan

PESTICIDE SPILL, I-5 & I-84 (Continued) **1006867437**

NARR ID: 5727216
NARR Code: Site Location
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Site Location
NARR Comments: I-84 on ramp from I-5

NARR ID: 5727217
NARR Code: Manner of Release
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Manner of Release
NARR Comments: Spill in February 1986.

NARR ID: 5727218
NARR Code: Site Ownership
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Site Ownership
NARR Comments: The federal government probably owns this property.

NARR ID: 5727219
NARR Code: Remedial Action
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Remedial Action
NARR Comments: Responsible party cleanup or removal.

Administrative Action:
Action ID: 9424
Region: Not reported
Complete Date: Not reported
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Administrative Action
Action Code Flag: False
Action: Site added to database
Further Action: Not reported
Comments: Not reported

Action ID: 9508
Region: Not reported
Complete Date: 02/12/1994
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality

PESTICIDE SPILL, I-5 & I-84 (Continued) **1006867437**

Decode for RegionID: Not reported
Category: Remedial Action
Action Code Flag: False
Action: Site Screening recommended (EV)
Further Action: Not reported
Comments: Not reported

Operations:
Operation Id: 131758
Operation Status: Unknown
Common Name: Your Town & Country Co-op
Yrs of Operation: Not reported
Comments: Transportation (freeway)
Updated Date: 09/13/1994
Updated By: CONV
Decode for OpstatID: Unknown

FINDS:

Registry ID: 110014303663

Environmental Interest/Information System
OR-DEQ (Oregon - Department Of Environmental Quality) is a regulatory agency whose job is to protect the quality of Oregon's Environment. DEQ uses a combination of technical assistance, inspections and permitting to help public and private facilities and citizens understand and comply with state and federal environmental regulations.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

DJ408 **BENT 3 - PORTLAND STREETCAR EXTENSION** **OR ECSI** **S110638442**
SW **SE 3RD & LINCOLN** **N/A**
1/2-1 **PORTLAND, OR 97214**
0.703 mi.
3711 ft. **Site 2 of 2 in cluster DJ**

Relative:
Lower

Actual:
53 ft.

ECSI:
State ID Number: 5392
Brown ID: 0
Study Area: False
Region ID: 2
Legislatve ID: 0
Investigation: Suspect
FACA ID: 117325
Further Action: 0
Lat/Long (dms): 45 30 29.50 / -122 39 46.10
County Code: 26.00
Score Value: Not reported
Cerclis ID: Not reported
Township Coord.: 1.00
Township Zone: S
Range Coord: 1.00
Range Zone: E
Section Coord: 3
Qtr Section: DA

BENT 3 - PORTLAND STREETCAR EXTENSION (Continued) **S110638442**

Tax Lots: 3200
Size: Not reported
NPL: False
Orphan: False
Updated By: KDANA
Update Date: 03/21/2012
Created Date: 08/12/2010
Decode For RegionID: Northwest Region
Decode For BrownID: Not reported
Decode For Furtheract: Not reported
Decode For Investstat: Suspect
Decode For Legislative: Not reported
Alias Name: OMSI Viaduct

Hazardous Release:
Substance ID.: 121374
Haz Release ID: 387553
Qty Released: unknown
Date Released: unknown
Update Date: 03/15/2012
Update By: KDANA
Substance Code: 50-32-8
Substance Name: BENZO(a)PYRENE
Substance Abbrev.: Not reported
Substance Category ID: 8476
Substance Category: Semi-volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8476
Substance Category: Semi-volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 318559
Sub Alias Name: B(a)P
Substance Alias ID: 318560
Sub Alias Name: BENZOPYRENE,3,4-
Substance Alias ID: 318561
Sub Alias Name: BENZPYRENE,3,4-
Substance Alias ID: 318562
Sub Alias Name: BP
Sampling Result ID: 349934
Feature Id: 0
Hazard Release Id: 387553
Medium: 703
Substance Abbrev.: 0
Unit Code: 7
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: 6 ft bgs
Start Date: 07/21/2010
End Date: 07/21/2010
Min Concentration: Not reported
Max Concentration: 3.51
Sample Comment: up to 3.51 ppm
Last Update By: KDANA

BENT 3 - PORTLAND STREETCAR EXTENSION (Continued) **S110638442**

Update Date: 03/15/2012
Decode for MediumID: Soil

Substance ID.: 121982
Haz Release ID: 387920
Qty Released: unknown
Date Released: unknown
Update Date: 03/15/2012
Update By: KDANA
Substance Code: ECD169
Substance Name: DIESEL - FUEL OIL
Substance Abbrev.: Not reported
Substance Category ID: 8529
Substance Category: Petroleum Related Releases for OSPIRG Report
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8529
Substance Category: Petroleum Related Releases for OSPIRG Report
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Sampling Result ID: 350316
Feature Id: 0
Hazard Release Id: 387920
Medium: 703
Substance Abbrev.: 0
Unit Code: 7
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: 3-4 ft bgs
Start Date: 09/27/2009
End Date: 09/27/2009
Min Concentration: Not reported
Max Concentration: 154.00
Sample Comment: up to 154 ppm
Last Update By: KDANA
Update Date: 03/15/2012
Decode for MediumID: Soil

Substance ID.: 121980
Haz Release ID: 387921
Qty Released: unknown
Date Released: unknown
Update Date: 03/15/2012
Update By: KDANA
Substance Code: ECD166
Substance Name: FUEL OIL
Substance Abbrev.: Not reported
Substance Category ID: 8528
Substance Category: Petroleum Related Releases for OSPIRG Report
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8528
Substance Category: Petroleum Related Releases for OSPIRG Report

BENT 3 - PORTLAND STREETCAR EXTENSION (Continued) **S110638442**

Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Comment ID: 305412
Release Code: General Comments
Release Comments: Identified in laboratory reports as lube oil
Decode for Relcomcd: General Comments
Sampling Result ID: 350317
Feature Id: 0
Hazard Release Id: 387921
Medium: 703
Substance Abbrev.: 0
Unit Code: 7
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: 3-4 ft bgs
Start Date: 09/27/2009
End Date: 09/27/2009
Min Concentration: Not reported
Max Concentration: 1280.00
Sample Comment: up to 1,280 ppm
Last Update By: KDANA
Update Date: 03/15/2012
Decode for MediumID: Soil

Substance ID.: 121059
Haz Release ID: 387922
Qty Released: unknown
Date Released: unknown
Update Date: 03/15/2012
Update By: KDANA
Substance Code: 1336-36-3
Substance Name: PCBs
Substance Abbrev.: Not reported
Substance Category ID: 8558
Substance Category: PCB Substances for the OSPIRG Report
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8558
Substance Category: PCB Substances for the OSPIRG Report
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 317029
Sub Alias Name: BIPHENYL,POLYCHLORO-
Substance Alias ID: 317030
Sub Alias Name: CHLORINATED BIPHENYL
Substance Alias ID: 317031
Sub Alias Name: CHLOROBIPHENYL
Substance Alias ID: 317032
Sub Alias Name: POLYCHLORINATED BIPHENYLs
Substance Alias ID: 317033
Sub Alias Name: POLYCHLOROBIPHENYL
Sampling Result ID: 350318
Feature Id: 0

BENT 3 - PORTLAND STREETCAR EXTENSION (Continued) **S110638442**

Hazard Release Id: 387922
Medium: 703
Substance Abbrev.: 0
Unit Code: 7
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: 3-4 ft bgs
Start Date: 09/27/2009
End Date: 09/27/2009
Min Concentration: Not reported
Max Concentration: 1.70
Sample Comment: up to 1.696 ppm
Last Update By: KDANA
Update Date: 03/15/2012
Decode for MediumID: Soil

Substance ID.: 121639
Haz Release ID: 387923
Qty Released: unknown
Date Released: unknown
Update Date: 03/15/2012
Update By: KDANA
Substance Code: 7439-92-1
Substance Name: LEAD
Substance Abbrev.: Not reported
Substance Category ID: 8466
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8466
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 319256
Sub Alias Name: PB
Sampling Result ID: 350319
Feature Id: 0
Hazard Release Id: 387923
Medium: 703
Substance Abbrev.: 0
Unit Code: 7
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: 3-4 ft bgs
Start Date: 09/27/2009
End Date: 09/27/2009
Min Concentration: Not reported
Max Concentration: 396.00
Sample Comment: up to 396 ppm
Last Update By: KDANA
Update Date: 03/15/2012
Decode for MediumID: Soil

BENT 3 - PORTLAND STREETCAR EXTENSION (Continued) **S110638442**

Narrative:

NARR ID: 5753943
NARR Code: Contamination
Created By: KDANA
Created Date: 03/20/2012
Updated By: KDANA
Updated Date: 03/21/2012
Decode for NarcdID: Contamination
NARR Comments: (03/21/2012 KPD/ICP) In September 2009, URS Corporation advanced four borings along SE Water Avenue as part of a Phase II Environmental Site Assessment. The borings were located where Bent 4 and a ramp at the south end of the viaduct would be located. Two soil samples were collected from each boring, and groundwater samples were collected from two of the borings. All of the samples were analyzed for petroleum products and petroleum constituents, as well as polychlorinated biphenyls (PCBs) and heavy metals. Diesel (at concentrations up to 154 ppm), lube oil (up to 1,280 ppm), and lead (up to 396 ppm) were detected in the soil samples. The highest concentrations were all collected from Bent 4. Only metals, likely at background concentrations, were detected in the groundwater. Environmental Health Management was retained to sample and dispose of contaminated soils during construction of the viaduct. Two soil samples were collected from Bent 3 in April 2010, finding up to 672 ppm lube oil. Additional samples from Bent 3 in July 2010 found elevated concentrations of diesel, lube oil, and polycyclic aromatic hydrocarbons (PAHs). A soil sample from Bent 2 in September 2010 found 609 ppm lube oil.

NARR ID: 5753934
NARR Code: Data Sources
Created By: KDANA
Created Date: 03/15/2012
Updated By: KDANA
Updated Date: 03/15/2012
Decode for NarcdID: Data Sources
NARR Comments: Environmental Health Management <quot>Soil Assessment Report<quot> (November 14, 2010) ECSI #5527 (Portland Streetcar Loop)

NARR ID: 5753933
NARR Code: Hazardous Substance/Waste Types
Created By: KDANA
Created Date: 03/15/2012
Updated By: KDANA
Updated Date: 03/15/2012
Decode for NarcdID: Hazardous Substance/Waste Types
NARR Comments: Heavy petroleum hydrocarbons (diesel, lube oil, etc.)

NARR ID: 5753942
NARR Code: Site Location
Created By: KDANA
Created Date: 03/15/2012
Updated By: KDANA
Updated Date: 03/20/2012
Decode for NarcdID: Site Location
NARR Comments: The viaduct for the Portland Streetcar extends from SE Martin Luther King Jr. Blvd. at Harrison Street to SE Water Avenue near OMSI, crossing over Union Pacific and Oregon Pacific Railroad lines. Bent

BENT 3 - PORTLAND STREETCAR EXTENSION (Continued) **S110638442**

3, the center point of the viaduct, is located roughly where SE 3rd Avenue and SE Lincoln Street would meet. Bent 3 is situated between the UPRR and OPRR lines, and appears to occupy Tax Lot 3200, owned by UPRR.

NARR ID: 5753945
NARR Code: Remedial Action
Created By: KDANA
Created Date: 03/21/2012
Updated By: KDANA
Updated Date: 03/21/2012
Decode for NarcdID: Remedial Action
NARR Comments: (03/21/2012 KPD/ICP) In April 2010, a total of 17.19 tons of petroleum-contaminated soil (PCS) were excavated from Bent 4. This was followed by 213.59 tons of PCS from Bent 3 in July 2010, 505.72 tons of PCS from the south ramp in August 2010, and 200.51 tons of PCS from Bent 2 in September 2010. (No contaminated soil was excavated from Bent 1). In all, a total of 937.01 tons of PCS were excavated and shipped to the Hillsboro Landfill for disposal.

Administrative Action:
Action ID: 9424
Region: Not reported
Complete Date: 08/12/2010
Rank Value: Not reported
Cleanup Flag: False
Created Date: 08/12/2010
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Administrative Action
Action Code Flag: False
Action: Site added to database
Further Action: Not reported
Comments: Not reported

Action ID: 9508
Region: Northwestern Region
Complete Date: 03/21/2012
Rank Value: Not reported
Cleanup Flag: False
Created Date: 08/12/2010
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Site Screening recommended (EV)
Further Action: 0
Comments: Not reported

Action ID: 9413
Region: Northwestern Region
Complete Date: 03/21/2012
Rank Value: Not reported
Cleanup Flag: False
Created Date: 03/15/2012
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action

BENT 3 - PORTLAND STREETCAR EXTENSION (Continued) **S110638442**

Action Code Flag: False
Action: Closeout activities on completed project
Further Action: 0
Comments: Not reported

409
SSW
1/2-1
0.705 mi.
3723 ft.

Relative:
Lower

Actual:
54 ft.

OREGON RAIL HERITAGE FOUNDATION
BETWEEN SE GRAND AVE. AND WATER AVE. AT GRANT ST.
PORTLAND, OR 97214

OR CRL **S111286601**
OR ECSI **N/A**
OR ENG CONTROLS
OR INST CONTROL
OR VCP
OR BROWNFIELDS

CRL:
Facility ID: 5641
Location ID: 121456
Status Code: LIS
Facility Status: No Further Action (Conditional)
Lat/Long: 45.5078 / -122.6629

ECSI:
State ID Number: 5641
Brown ID: Brownfield Site - DEQ Tech Assistance
Study Area: False
Region ID: 2
Legislatve ID: 0
Investigation: Listed on the CRL/Inventory
FACA ID: 121456
Further Action: 0
Lat/Long (dms): 45 30 28.10 / -122 39 46.40
County Code: 26.00
Score Value: Not reported
Cerclis ID: Not reported
Township Coord.: 1.00
Township Zone: S
Range Coord: 1.00
Range Zone: E
Section Coord: 3
Qtr Section: DD
Tax Lots: 101
Size: 2.7 acres
NPL: False
Orphan: False
Updated By: GWISTAR
Update Date: 03/20/2013
Created Date: 08/10/2011
Decode For RegionID: Northwest Region
Decode For BrownID: Brownfield Site - DEQ Technical Assistance
Decode For Furtheract: Not reported
Decode For Investstat: Listed on the CRL/Inventory
Decode For Legislative: Not reported

Narrative:
NARR ID: 5753482
NARR Code: General Site Description
Created By: KDANA
Created Date: 08/10/2011
Updated By: KDANA
Updated Date: 08/22/2011

OREGON RAIL HERITAGE FOUNDATION (Continued) **S111286601**

Decode for NarcdID: General Site Description
NARR Comments: The Oregon Rail Heritage Foundation is planning to build a Restoration Facility & Interpretation Center for three locomotives owned by the City of Portland. The triangular site, owned by TriMet, is bordered by a rail line to the north, SE Water Ave to the west, and the MLK Blvd / Grand Ave viaduct to the east. Environmental oversight of the project will be funded through an existing Intergovernmental Agreement between DEQ and TriMet. Construction is scheduled to begin in the fall of 2011, with completion in the summer of 2012.

NARR ID: 5753483
NARR Code: Hazardous Substance/Waste Types
Created By: KDANA
Created Date: 08/10/2011
Updated By: KDANA
Updated Date: 08/10/2011
Decode for NarcdID: Hazardous Substance/Waste Types
NARR Comments: The primary concern is believed to be methane, generated by decomposing wood waste at the site.

NARR ID: 5753484
NARR Code: Manner of Release
Created By: KDANA
Created Date: 08/10/2011
Updated By: KDANA
Updated Date: 08/10/2011
Decode for NarcdID: Manner of Release
NARR Comments: The Inman-Poulsen Lumber Company operated at the site for about 100 years (late 1880s to 1980) and disposed of wood wastes by filling in Stephens Slough, which extended from about Division Street to the Willamette River. The wood waste (mainly sawdust) extends from about 4 to 45 feet below ground surface at the site.

NARR ID: 5754537
NARR Code: Remedial Action
Created By: CHARMAN
Created Date: 03/06/2013
Updated By: CHARMAN
Updated Date: 03/06/2013
Decode for NarcdID: Remedial Action
NARR Comments: (CWH/CU 3/6/13) Remedial measures undertaken at site are as follows: 1. Soil and Contaminated Media Management and Disposal During site development and construction, contaminated and uncontaminated media and soils were collected and managed to prevent unnecessary exposures. Based on the degree of contamination and in accordance with the CMMP, these materials were disposed or used as fill material at off-site location. Table 1 (attached) from the supplemental report, summarizes the amounts and locations where site media was taken. Contaminated soils were taken to the Subtitle D Hillsboro landfill. During pre-construction work, a total of 489 tons of contaminated soils from existing berms on the site were removed and taken to Hillsboro. During site development another 2,500 tons of contaminated soil was also taken to Hillsboro. As approved by DEQ, 3,000 cubic yards of soil from the site were also taken for cover at the former Shadybrook Landfill in Washington County. 2. Building Construction Due to the extent of wood waste below the site, and to

OREGON RAIL HERITAGE FOUNDATION (Continued) **S111286601**

prevent potential building subsidence, several deep iron beam pilings were driven down through the wood waste to native alluvial gravels that are present at depths near 90 to100 feet bgs (on average). The building foundation was attached to the pilings, supporting the building above the wood waste. 3. Methane Barrier and Venting System As part of the site construction, a spray-on low-permeability barrier was installed below the building foundation and flooring. A sub-slab gas collection system was installed below the low-permeable surface and consisted of porous base rock with horizontal perforated piping. All concrete joints, pipe fittings and electrical conduits were sealed to prevent gas escaping the collection system or entering interior building spaces. Sub-slab pipes were then connected to vertical vent riser pipes that were routed to the building roof. Together, these constitute a building vapor barrier with underlying passive vapor collection system. Any methane present below the building slab will be impeded by the barrier and routed to the vapor collection system for discharge above the building roof. During installation of the low-permeable membrane, subcontractors qualified to install the selected product (Liquid Boot), followed manufacturers specifications and practices, which included use of a carrier fabric with 6 overlapping seams, coupon sampling to ensure desired membrane thickness was applied, and smoke testing to check for leaks. Sampling ports are present in two of the vent riser pipes and in three sub-slab gas monitoring probes (SSPs) that are located at the northeast (SSP-3), east (SSP-2), and west (SSP-1) sides of the building. The piping system and monitoring points are detailed in drawing H102, provided in Appendix C of the Construction Completion Report. The methane monitoring schedule is provided in the Institutional Controls narrative.

NARR ID: 5754536
NARR Code: Institutional Control
Created By: CHARMAN
Created Date: 03/06/2013
Updated By: CHARMAN
Updated Date: 03/06/2013
Decode for NarcdID: Institutional Control
NARR Comments: As part of March 2013 Conditional No Further Action decision, site owners and operators are required to follow two site controls - A. All construction or ground disturbing activity needs to follow measures described in the Contaminated Management Plan (CMMP) approved by DEQ in November 2011. B. The methane mitigation system installed on the site needs to be maintained and periodic measurements need to be collected and reported to DEQ for the site records, as outlined below: Schedule for Methane Monitoring 1. First Two years (Jan. 2013 Dec. 2014): Vent Risers and Sub-Slab Probes (SSPs) sampled twice yearly 2. Years 3 to 5 (Jan. 2015 Dec. 2017): Once per year sampling based on first two years results 3. Trigger Event requiring more frequent monitoring. Frequency of added monitoring to be determined by DEQ and property owners. If one or more SSPs show methane at 5 pbv or greater, combined with lower or no measurable methane in vent riser ports. Based on sampling, there may be requirements to continue methane monitoring beyond the 5-year timeframe outlined above. Alternatively, if methane measurements indicate that levels are below criteria established to prevent asphyxiation or explosive dangers in enclosed spaces, DEQ will work with owners/operators to discontinue methane controls and monitoring.

OREGON RAIL HERITAGE FOUNDATION (Continued) **S111286601**

NARR ID: 5754538
NARR Code: Site History
Created By: CHARMAN
Created Date: 03/06/2013
Updated By: CHARMAN
Updated Date: 03/06/2013
Decode for NarcdID: Site History
NARR Comments: (CWH/CU 3/6/13) The ORHF site sits on top of fill in a portion of what was historically referred to as Stephen s Slough, a 1,500-foot-long waterway that extended from the east bank of the river to SE Division Street in east Portland. In the late 1880s, the Inman-Poulsen Lumber Company operated a lumber mill along the south bank of Stephens Slough and soon after began to use wood waste materials from the mill to fill in the slough, also identified in Sanborn maps as Stephen s Gulch. From approximately 1890 through 1954, the Inman-Poulsen Lumber Mill was one of the largest in the United States and included operations both on and west and southwest of the site. The ORHF site area itself was used for varying purposes that included cut timber storage area. The estimated area where wood waste fill underlies the site is shown in several reports for the site. The site was reportedly used as a telephone/utility pole storage yard from the mid-1920s to the 1970s. In addition, the site was identified as a Portland General Electric right-of-way between 1924 and 1969 and more recently was used for truck and trailer parking and construction equipment storage and staging. Various environmental investigations have been conducted on surrounding sites, with indications that the wood waste and surrounding perched groundwater may contain low concentrations of petroleum hydrocarbons, polynuclear aromatic hydrocarbons (PAHs), and volatile organic compounds (VOCs). The results of various investigations in the area suggest that such impacts may be broadly distributed due to uncontaminated and contaminated fill comprising the slough backfill material, with contributing impacts from various nearby known and suspected release sources.

Site Control:
Site Control #: 689
Control Number: 31
Begin Date: 01/01/2013
End Date: Not reported
Frequency Of Review: 12
Last Reviewed By: March 6, 2013
Last Reviewed Date: 03/06/2013
Last Update By: CHARMAN
Last Updated Date: 03/06/2013
Site Comment: Methane barrier and subsurface collection system placed on site. Monitoring required under the schedule below and to be reported to DEQ. Schedule for Methane Monitoring 1. First Two years (Jan. 2013 Dec. 2014): Vent Risers and Sub-Slab Probes (SSPs) sampled twice yearly 2. Years 3 to 5 (Jan. 2015 Dec. 2017): Once per year sampling based on first two years results 3. Trigger Event requiring more frequent monitoring. Frequency of added monitoring to be determined by DEQ and property owners. If one or more SSPs show methane at 5 pbv or greater, combined with lower or no measurable methane in vent riser ports. Based on sampling, there may be requirements to continue methane monitoring beyond the 5-year timeframe outlined above. Alternatively, if methane measurements indicate that levels are below criteria established to prevent asphyxiation or explosive dangers in

OREGON RAIL HERITAGE FOUNDATION (Continued) **S111286601**

enclosed spaces, DEQ will work with owners/operators to discontinue methane controls and monitoring.

Site Control #: 690
Control Number: 6
Begin Date: 03/06/2013
End Date: Not reported
Frequency Of Review: 12
Last Reviewed By: March 6, 2013
Last Reviewed Date: 03/06/2013
Last Update By: CHARMAN
Last Updated Date: 03/06/2013
Site Comment: All future site construction or other earth disturbing activities should apply measures described in the ORHF Contaminated Media Management Plan (CMMP) approved by DEQ in November 2011.

Administrative Action:
Action ID: 9424
Region: Not reported
Complete Date: 08/10/2011
Rank Value: Not reported
Cleanup Flag: False
Created Date: 08/10/2011
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Administrative Action
Action Code Flag: False
Action: Site added to database
Further Action: Not reported
Comments: Not reported

Action ID: 9519
Region: Northwestern Region
Complete Date: 08/22/2011
Rank Value: Not reported
Cleanup Flag: False
Created Date: 08/10/2011
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: VCS Waiting List
Further Action: 0
Comments: Not reported

Action ID: 9440
Region: Northwestern Region
Complete Date: 03/08/2013
Rank Value: Not reported
Cleanup Flag: False
Created Date: 09/12/2011
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Letter Agreement
Further Action: 0
Comments: Not reported

OREGON RAIL HERITAGE FOUNDATION (Continued) **S111286601**

Action ID: 9422
Region: Northwestern Region
Complete Date: Not reported
Rank Value: Not reported
Cleanup Flag: False
Created Date: 03/06/2013
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Engineering Control
Further Action: 0
Comments: Not reported

Action ID: 9434
Region: Northwestern Region
Complete Date: Not reported
Rank Value: Not reported
Cleanup Flag: False
Created Date: 03/06/2013
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Institutional Control
Further Action: 0
Comments: Not reported

Action ID: 9438
Region: Northwestern Region
Complete Date: 03/08/2013
Rank Value: Not reported
Cleanup Flag: True
Created Date: 03/06/2013
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Listing Action
Action Code Flag: False
Action: Facility placed on Confirmed Release List
Further Action: 0
Comments: Not reported

Action ID: 9439
Region: Northwestern Region
Complete Date: 03/08/2013
Rank Value: Not reported
Cleanup Flag: False
Created Date: 03/06/2013
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Listing Action
Action Code Flag: False
Action: Facility placed on Inventory
Further Action: 0
Comments: Not reported

Action ID: 9411

OREGON RAIL HERITAGE FOUNDATION (Continued) **S111286601**

Region: Northwestern Region
Complete Date: 03/08/2013
Rank Value: Not reported
Cleanup Flag: False
Created Date: 03/18/2013
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: No Further Action (Conditional)
Further Action: 0
Comments: Not reported

Enginering Control:
Site Control Sequence #: 689
Site Id: 5641
Control Sequence #: 31
Begin Date: 01/01/2013
End Date: Not reported
Frequency Of Review: 12
Last Reviewed By: March 6, 2013
Last Review Date: 03/06/2013
Last Updated By: CHARMAN
Last Updated Date: 03/06/2013
Group Sequence #: 8
Control Code: BW
Control Description: Barrier wall
FK Type Code: 2
Group Code: SSB
Group Description: Subsurface Barriers
Type Code: E
Type Description: Engineering
Comments: Methane barrier and subsurface collection system placed on site. Monitoring required under the schedule below and to be reported to DEQ. Schedule for Methane Monitoring 1. First Two years (Jan. 2013 Dec. 2014): Vent Risers and Sub-Slab Probes (SSPs) sampled twice yearly 2. Years 3 to 5 (Jan. 2015 Dec. 2017): Once per year sampling based on first two years results 3. Trigger Event requiring more frequent monitoring. Frequency of added monitoring to be determined by DEQ and property owners. If one or more SSPs show methane at 5 pbv or greater, combined with lower or no measurable methane in vent riser ports. Based on sampling, there may be requirements to continue methane monitoring beyond the 5-year timeframe outlined above. Alternatively, if methane measurements indicate that levels are below criteria established to prevent asphyxiation or explosive dangers in enclosed spaces, DEQ will work with owners/operators to discontinue methane controls and monitoring.

Institutional Control:
Site Control Sequence #: 690
Site Id: 5641
Control Sequence #: 6
Begin Date: 03/06/2013
End Date: Not reported
Frequency Of Review: 12
Last Reviewed By: March 6, 2013

OREGON RAIL HERITAGE FOUNDATION (Continued) **S111286601**

Last Review Date:	03/06/2013
Last Updated By:	CHARMAN
Last Updated Date:	03/06/2013
Group Sequence #:	2
Control Code:	USO
Control Description:	Use Restriction Other
FK Type Code:	1
Group Code:	PR
Group Description:	Proprietary
Type Code:	I
Type Description:	Institutional
Comments:	All future site construction or other earth disturbing activities should apply measures described in the ORHF Contaminated Media Management Plan (CMMP) approved by DEQ in November 2011.

VCS:

ECS Site ID:	5641
Facility Size:	2.7 acres
Action:	No Further Action (Conditional)
Start Date:	03/08/2013
End Date:	03/08/2013
Facility Status:	Completed
Program:	VCP
Latitude:	45.5078
Longitude:	-122.6629

OR BROWNFIELDS:

Geolocation Id:	121456
Status:	No Further Action (Conditional)
Lat/Long:	45.5078 / -122.662

DK410 **HOLMAN BUILDING** **OR ECSI** **S106778132**
WSW **49 SE CLAY ST.** **OR VCP** **N/A**
1/2-1 **PORTLAND, OR 97214**
0.710 mi.
3751 ft. **Site 1 of 2 in cluster DK**

Relative:
Lower

Actual:
35 ft.

ECSI:

State ID Number:	4236
Brown ID:	0
Study Area:	False
Region ID:	2
Legislatve ID:	0
Investigation:	No Further Action
FACA ID:	86427
Further Action:	0
Lat/Long (dms):	45 30 42.10 / -122 39 58.00
County Code:	26.00
Score Value:	Not reported
Cerclis ID:	Not reported
Township Coord.:	1.00
Township Zone:	S
Range Coord:	1.00
Range Zone:	E
Section Coord:	3
Qtr Section:	Not reported
Tax Lots:	No.2, Block 1 on Map #3230

HOLMAN BUILDING (Continued) **S106778132**

Size: Not reported
NPL: False
Orphan: False
Updated By: GWISTAR
Update Date: 04/20/2006
Created Date: 10/26/2004
Decode For RegionID: Northwest Region
Decode For BrownID: Not reported
Decode For Furtheract: Not reported
Decode For Investstat: No Further Action
Decode For Legislative: Not reported

Hazardous Release:
Substance ID.: 122012
Haz Release ID: 386397
Qty Released: Not reported
Date Released: Not reported
Update Date: 01/06/2005
Update By: CKAUFMA
Substance Code: ECD275
Substance Name: TOTAL PETROLEUM HYDROCARBONS (TPH)
Substance Abbrev.: Not reported
Substance Category ID: 8540
Substance Category: Petroleum Related Releases for OSPIRG Report
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8540
Substance Category: Petroleum Related Releases for OSPIRG Report
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002

Narrative:
NARR ID: 5745647
NARR Code: Data Sources
Created By: LGIBSON
Created Date: 10/26/2004
Updated By: LGIBSON
Updated Date: 10/26/2004
Decode for NarcdID: Data Sources
NARR Comments: [10/26/2004/CK] Characterization of the Extent of Contamination Under the Loading Dock Holman Building, August 26, 2004.

NARR ID: 5745643
NARR Code: Hazardous Substance/Waste Types
Created By: LGIBSON
Created Date: 10/26/2004
Updated By: LGIBSON
Updated Date: 10/26/2004
Decode for NarcdID: Hazardous Substance/Waste Types
NARR Comments: [10/26/2004/CK] Hydraulic and heavy oil petroleum contamination.

NARR ID: 5745644
NARR Code: Manner of Release
Created By: LGIBSON
Created Date: 10/26/2004
Updated By: GWISTAR

HOLMAN BUILDING (Continued) **S106778132**

Updated Date: 01/13/2005
Decode for NarcdID: Manner of Release
NARR Comments: [10/26/2004/CK] Releases associated with leaks from hydraulic levers at the loading dock of the building.

NARR ID: 5745645
NARR Code: Pathways Other Hazards
Created By: LGIBSON
Created Date: 10/26/2004
Updated By: GWISTAR
Updated Date: 01/13/2005
Decode for NarcdID: Pathways & Other Hazards
NARR Comments: [10/26/2004/CK] Release of hydraulic and heavy oil to subsurface soils from past hydraulic lever leaks at the loading dock area. Exposure to humans via direct contact, inhalation, and evaporation from soil contamination.

NARR ID: 5745646
NARR Code: Remedial Action
Created By: LGIBSON
Created Date: 10/26/2004
Updated By: LGIBSON
Updated Date: 10/26/2004
Decode for NarcdID: Remedial Action
NARR Comments: [10/26/2004/CK] Phase II and Site Characterization have been completed. Subsurface investigations, including soil sampling and analysis have been conducted.

Administrative Action:
Action ID: 9424
Region: Not reported
Complete Date: 10/26/2004
Rank Value: Not reported
Cleanup Flag: False
Created Date: 10/26/2004
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Administrative Action
Action Code Flag: False
Action: Site added to database
Further Action: Not reported
Comments: Not reported

Action ID: 9469
Region: Northwestern Region
Complete Date: 01/06/2005
Rank Value: Not reported
Cleanup Flag: False
Created Date: 10/26/2004
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: REMEDIAL ACTION
Further Action: 0
Comments: Not reported

Action ID: 9443

HOLMAN BUILDING (Continued) **S106778132**

Region: Northwestern Region
Complete Date: 01/06/2005
Rank Value: Not reported
Cleanup Flag: False
Created Date: 01/06/2005
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: NO FURTHER STATE ACTION REQUIRED
Further Action: 0
Comments: Not reported

VCS:
ECS Site ID: 4236
Facility Size: Not reported
Action: NO FURTHER STATE ACTION REQUIRED
Start Date: 01/06/2005
End Date: 01/06/2005
Facility Status: Completed
Program: ICP
Latitude: 45.5117
Longitude: -122.6661

---

411 SW 1/2-1 0.715 mi. 3774 ft. **GROUNDWATER - SE 1ST AVE & STEPHENS ST** **OR CRL** **1006854473**
VICINITY OF SE 1ST & STEPHENS ST **OR ECSI** **N/A**
PORTLAND, OR 97214 **FINDS**

Relative: Lower
Actual: 42 ft.

CRL:
Facility ID: 1556
Location ID: 40209
Status Code: LIS
Facility Status: Remedial Action recommended (RA)
Lat/Long: 45.5092 / -122.6649

ECSI:
State ID Number: 1556
Brown ID: 0
Study Area: False
Region ID: 2
Legislatve ID: 832
Investigation: Listed on the CRL/Inventory
FACA ID: 40209
Further Action: 0
Lat/Long (dms): 45 30 33.10 / -122 39 53.60
County Code: 26.00
Score Value: Not reported
Cerclis ID: Not reported
Township Coord.: 1.00
Township Zone: S
Range Coord: 1.00
Range Zone: E
Section Coord: 3
Qtr Section: Not reported
Tax Lots: Not reported

GROUNDWATER - SE 1ST AVE & STEPHENS ST (Continued) **1006854473**

Size: Not reported
NPL: False
Orphan: False
Updated By: GWISTAR
Update Date: 07/12/2007
Created Date: 05/13/1994
Decode For RegionID: Northwest Region
Decode For BrownID: Not reported
Decode For Furtheract: Not reported
Decode For Investstat: Listed on the CRL/Inventory
Decode For Legislative: Owner, operator or other party under state or federal authority
Alias Name: SE 1st Ave. & Caruthers

Hazardous Release:
Substance ID.: 121011
Haz Release ID: 384548
Qty Released: unknown
Date Released: unknown
Update Date: 09/11/1994
Update By: Not reported
Substance Code: 127-18-4
Substance Name: TETRACHLOROETHYLENE
Substance Abbrev.: Not reported
Substance Category ID: 8519
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8551
Substance Category: Solvents of interest to Milwaukie Area GW study
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8519
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8551
Substance Category: Solvents of interest to Milwaukie Area GW study
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 316912
Sub Alias Name: ETHENE,TETRACHLORO-
Substance Alias ID: 316913
Sub Alias Name: ETHYLENE TETRACHLORIDE
Substance Alias ID: 316914
Sub Alias Name: PERCHLOROETHYLENE
Substance Alias ID: 316915
Sub Alias Name: PERCLENE
Substance Alias ID: 316916
Sub Alias Name: TETRACHLOROETHENE
Substance Alias ID: 316917
Sub Alias Name: TETRACHLOROETHENE,1,1,2,2-
Substance Alias ID: 316918
Sub Alias Name: TETRACHLOROETHYLENE,1,1,2,2-
Sampling Result ID: 344996

GROUNDWATER - SE 1ST AVE & STEPHENS ST (Continued) **1006854473**

Feature Id: Not reported
Hazard Release Id: 384548
Medium: 698
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 10/13/1987
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: 73 ppb
Last Update By: gmw
Update Date: 05/26/1995
Decode for MediumID: Groundwater

Substance ID.: 121781
Haz Release ID: 384549
Qty Released: unknown
Date Released: unknown
Update Date: 09/11/1994
Update By: Not reported
Substance Code: 79-01-6
Substance Name: TRICHLOROETHYLENE
Substance Abbrev.: Not reported
Substance Category ID: 8523
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8545
Substance Category: Solvents of interest to Milwaukie Area GW study
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8523
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8545
Substance Category: Solvents of interest to Milwaukie Area GW study
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 317517
Sub Alias Name: ETHINYL TRICHLORIDE
Substance Alias ID: 317518
Sub Alias Name: ETHYLENE TRICHLORIDE
Substance Alias ID: 317519
Sub Alias Name: TCE
Substance Alias ID: 317520
Sub Alias Name: TRI-CLENE
Substance Alias ID: 317521
Sub Alias Name: TRICHLOROETHENE

GROUNDWATER - SE 1ST AVE & STEPHENS ST (Continued) **1006854473**

Sampling Result ID: 344997
Feature Id: Not reported
Hazard Release Id: 384549
Medium: 698
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 10/13/1987
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: 23 ppb
Last Update By: gmw
Update Date: 05/26/1995
Decode for MediumID: Groundwater

Narrative:

NARR ID: 5734134
NARR Code: Contamination
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Contamination
NARR Comments: As part of the now completed PCB cleanup at PGE Station L (ECSI #151), which is the current location of the Oregon Museum of Science and Industry (OMSI), PGE's contractor installed two off-site and upgradient monitoring wells. Sampling of these wells in 1987 showed dissolved PCE at 73 ppb and TCE at 23 ppb. By 1990, these wells, located on property owned by the East Portland Traction Company, had disappeared, and PGE's contractor installed another upgradient well, this time on PGE/OMSI property. 1993 sampling of this well showed PCE at 41 ppb and TCE at 5.4 ppb. Groundwater locally flows towards the Willamette River. There is no known source for the VOCs found in these wells. One of the wells was thought to have been on land sold by the East Portland Traction Co. to Portland Community College (PCC); however, a 1995 survey by PCC showed that no wells had been installed on what is now PCC property.

NARR ID: 5734135
NARR Code: Site Location
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Site Location
NARR Comments: adjacent to Southern Pacific Transportation Co line

NARR ID: 5734136
NARR Code: Manner of Release
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Manner of Release

GROUNDWATER - SE 1ST AVE & STEPHENS ST (Continued) **1006854473**

NARR Comments: Manner and time of release are unknown.

NARR ID: 5734137
NARR Code: Media Contamination
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Media Contamination
NARR Comments: Contaminants found in monitoring wells installed upgradient of former PGE Station L site.

NARR ID: 5734138
NARR Code: Pathways Other Hazards
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Pathways & Other Hazards
NARR Comments: Groundwater contamination represents the pathway of greatest concern, based on the unknown source(s) and extent of the plume.

NARR ID: 5734139
NARR Code: Remedial Action
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Remedial Action
NARR Comments: Chlorinated solvents have been detected in groundwater only at the upgradient edge of the former PGE Station L property and in two off-site, upgradient wells. Therefore, the plume of VOCs may be of limited extent and may have originated on or near Portland Traction Company's right-of-way. Site Assessment recommends that property owner/operators determine the present extent and magnitude of the groundwater plume, and investigate its source. Further DEQ action warrants a low-to-medium priority.

Administrative Action:
Action ID: 9448
Region: Headquarters
Complete Date: 09/18/1995
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Listing Action
Action Code Flag: False
Action: Review for final listing
Further Action: Not reported
Comments: Not reported

Action ID: 9488
Region: Headquarters
Complete Date: 09/18/1995
Rank Value: 0
Cleanup Flag: False

GROUNDWATER - SE 1ST AVE & STEPHENS ST (Continued) **1006854473**

Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Listing Action
Action Code Flag: False
Action: Listing on Confirmed Release List recommended
Further Action: Not reported
Comments: Not reported

Action ID: 9489
Region: Headquarters
Complete Date: 09/18/1995
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Listing Action
Action Code Flag: False
Action: Listing on Inventory recommended
Further Action: Not reported
Comments: Not reported

Action ID: 9438
Region: Headquarters
Complete Date: 09/20/1995
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Listing Action
Action Code Flag: False
Action: Facility placed on Confirmed Release List
Further Action: Not reported
Comments: Not reported

Action ID: 9439
Region: Headquarters
Complete Date: 09/20/1995
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Listing Action
Action Code Flag: False
Action: Facility placed on Inventory
Further Action: Not reported
Comments: Not reported

Action ID: 9424
Region: Headquarters
Complete Date: Not reported
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002

GROUNDWATER - SE 1ST AVE & STEPHENS ST (Continued) **1006854473**

Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Administrative Action
Action Code Flag: False
Action: Site added to database
Further Action: Not reported
Comments: Not reported

Action ID: 9451
Region: Headquarters
Complete Date: 09/20/1995
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Listing Action
Action Code Flag: False
Action: Owner/operator comments received on listing notification
Further Action: Not reported
Comments: Not reported

Action ID: 9508
Region: Headquarters
Complete Date: 05/14/1994
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Remedial Action
Action Code Flag: False
Action: Site Screening recommended (EV)
Further Action: Not reported
Comments: Not reported

Action ID: 9425
Region: Northwestern Region
Complete Date: 10/27/1994
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: SITE EVALUATION
Further Action: Not reported
Comments: Not reported

Action ID: 9501
Region: Northwestern Region
Complete Date: 10/27/1994
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality

GROUNDWATER - SE 1ST AVE & STEPHENS ST (Continued) **1006854473**

Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Remedial Action recommended (RA)
Further Action: Not reported
Comments: Not reported

Action ID: 9437
Region: Northwestern Region
Complete Date: 10/28/1994
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Listing Action
Action Code Flag: False
Action: Listing Review completed
Further Action: Not reported
Comments: Not reported

Action ID: 9498
Region: Northwestern Region
Complete Date: 10/28/1994
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Listing Action
Action Code Flag: False
Action: Proposal for Confirmed Release List recommended
Further Action: Not reported
Comments: Not reported

Action ID: 9465
Region: Headquarters
Complete Date: 12/05/1994
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Listing Action
Action Code Flag: False
Action: Facility proposed for Confirmed Release List
Further Action: Not reported
Comments: Not reported

Action ID: 9428
Region: Headquarters
Complete Date: 03/06/1995
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters

GROUNDWATER - SE 1ST AVE & STEPHENS ST (Continued) **1006854473**

Category: Listing Action
Action Code Flag: False
Action: Extension requested by owner/operator
Further Action: Not reported
Comments: Not reported

Action ID: 9430
Region: Headquarters
Complete Date: 03/06/1995
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Listing Action
Action Code Flag: False
Action: Petition or request granted
Further Action: Not reported
Comments: Not reported

Operations:
Operation Id: 132885
Operation Status: Inactive
Common Name: Groundwater - SE 1st & Stephens ST
Yrs of Operation: unknown
Comments: former railroad right-of-way (Portland Traction Co)
Updated Date: 11/09/1994
Updated By: ars
Decode for OpstatID: Inactive

FINDS:

Registry ID: 110014167061

Environmental Interest/Information System
OR-DEQ (Oregon - Department Of Environmental Quality) is a regulatory agency whose job is to protect the quality of Oregon's Environment. DEQ uses a combination of technical assistance, inspections and permitting to help public and private facilities and citizens understand and comply with state and federal environmental regulations.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

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412 SW 1/2-1 0.718 mi. 3792 ft.
Relative: Lower
Actual: 36 ft.

OMSI
1701 SE WATER AVE
PORTLAND, OR 97214

OR ECSI **U004015153**
OR LUST **N/A**
OR UST
OR VCP
OR BROWNFIELDS
OR UIC

ECSI:
State ID Number: 5547
Brown ID: Brownfield Site - DEQ Tech Assistance
Study Area: False
Region ID: 2

OMSI (Continued) **U004015153**

Legislatve ID: 0
Investigation: No Further Action
FACA ID: 119364
Further Action: 0
Lat/Long (dms): 45 30 38.20 / -122 39 57.60
County Code: 26.00
Score Value: Not reported
Cerclis ID: Not reported
Township Coord.: 1.00
Township Zone: S
Range Coord: 1.00
Range Zone: E
Section Coord: 3
Qtr Section: Not reported
Tax Lots: R504933 Lot 101
Size: Not reported
NPL: False
Orphan: False
Updated By: SRAPP
Update Date: 03/12/2014
Created Date: 03/11/2011
Decode For RegionID: Northwest Region
Decode For BrownID: Brownfield Site - DEQ Technical Assistance
Decode For Furtheract: Not reported
Decode For Investstat: No Further Action
Decode For Legislative: Not reported
Alias Name: Portland Development Commission (PDC)

Narrative:

NARR ID: 5753011
NARR Code: Contamination
Created By: RWELLS
Created Date: 03/11/2011
Updated By: GWISTAR
Updated Date: 05/20/2013
Decode for NarcdID: Contamination
NARR Comments: Heavy metals and PCBs in sediment from on-site drywell; petroleum hydrocarbons and heavy metals in shallow soil.

NARR ID: 5753010
NARR Code: General Site Description
Created By: RWELLS
Created Date: 03/11/2011
Updated By: RWELLS
Updated Date: 06/28/2011
Decode for NarcdID: General Site Description
NARR Comments: Previous environmental sampling at the site identified heavy metals and PCBs in sediment collected from an on-site drywell, elevated heavy metals in shallow soil along the western perimeter, and low level petroleum hydrocarbons and associated constituents in shallow soil collected from below a removed building. Groundwater at the property was slightly impacted by leaking USTs located adjacent to the east and up gradient from the site. Groundwater remediation activities were conducted at the east-adjacent site and subsequently issued an NFA. Groundwater sampling conducted at the subject property since the cleanup has not verified if petroleum hydrocarbons were still present in groundwater.

OMSI (Continued) **U004015153**

NARR ID: 5753012
NARR Code: Hazardous Substance/Waste Types
Created By: RWELLS
Created Date: 03/11/2011
Updated By: RWELLS
Updated Date: 03/11/2011
Decode for NarcdID: Hazardous Substance/Waste Types
NARR Comments: Heavy metals, PCBs, petroleum hydrocarbons

NARR ID: 5753009
NARR Code: Site Ownership
Created By: RWELLS
Created Date: 03/11/2011
Updated By: GWISTAR
Updated Date: 05/20/2013
Decode for NarcdID: Site Ownership
NARR Comments: Portland Development Commission PDC) until 2013, when PDC transferred the site to the Oregon Museum of Science & Industry.

NARR ID: 5753043
NARR Code: Remedial Action
Created By: GWISTAR
Created Date: 03/16/2011
Updated By: RWELLS
Updated Date: 06/28/2011
Decode for NarcdID: Remedial Action
NARR Comments: (3/11/11 RWA/VCP) Portland Development Commission (PDC) owns this parcel and expects to perform a Source Control Evaluation of the property. PDC's objective is to obtain a DEQ no-further-action determination prior to a property transfer to Portland Parks Bureau, which intends to develop this site into a future Crescent Park.

NARR ID: 5754689
NARR Code: 1922
Created By: GWISTAR
Created Date: 05/20/2013
Updated By: GWISTAR
Updated Date: 05/20/2013
Decode for NarcdID: Current Site Summary Statement
NARR Comments: [May 2013] DEQ's investigation and site-specific risk assessment for park users indicated that no remediation was required for current or likely future uses. DEQ has also found that the site is not a likely source of contaminants to the Willamette River. The Portland Development Commission has transferred site ownership to OMSI.

Administrative Action:
Action ID: 9424
Region: Not reported
Complete Date: 03/11/2011
Rank Value: Not reported
Cleanup Flag: False
Created Date: 03/11/2011
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Administrative Action
Action Code Flag: False
Action: Site added to database
Further Action: Not reported

OMSI (Continued) **U004015153**

Comments: Not reported

Action ID: 9484
Region: Northwestern Region
Complete Date: 05/20/2013
Rank Value: Not reported
Cleanup Flag: False
Created Date: 03/11/2011
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: REMEDIAL INVESTIGATION
Further Action: 0
Comments: Not reported

Action ID: 9440
Region: Northwestern Region
Complete Date: 03/16/2011
Rank Value: Not reported
Cleanup Flag: False
Created Date: 06/07/2011
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Letter Agreement
Further Action: Medium
Comments: Not reported

Action ID: 9443
Region: Northwestern Region
Complete Date: 05/20/2013
Rank Value: Not reported
Cleanup Flag: False
Created Date: 05/20/2013
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: NO FURTHER STATE ACTION REQUIRED
Further Action: 0
Comments: Not reported

Action ID: 9523
Region: 0
Complete Date: 05/20/2013
Rank Value: Not reported
Cleanup Flag: False
Created Date: 03/12/2014
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Remedial Action
Action Code Flag: False
Action: SCD
Further Action: 0
Comments: Not reported

OMSI (Continued) **U004015153**

LUST:
Region: North Western Region
Facility ID: 26-89-0318
Cleanup Received Date: 12/12/1989
Cleanup Start Date: 12/12/1989
Cleanup Complete Date: 03/09/1990
Decode for Region: North West Region

UST:
Facility ID: 850
Facility Telephone: (503)266-5622
Permittee Name: FRED LAMOUREAUX, GENERAL MANAGER
Number of Permitted Tanks: Not reported
Active Tanks: Not reported
Decommissioned Tanks: 14
Number of Tanks: 14

VCS:
ECS Site ID: 5547
Facility Size: Not reported
Action: NO FURTHER STATE ACTION REQUIRED
Start Date: 05/20/2013
End Date: 05/20/2013
Facility Status: Completed
Program: VCP
Latitude: 45.5106
Longitude: -122.666

OR BROWNFIELDS:
Geolocation Id: 119364
Status: NO FURTHER STATE ACTION REQUIRED
Lat/Long: 45.5106 / -122.666

OR UIC:
UIC Well #: 1
Type: 5D2
Type Description: Storm Water Drainage
Status: Active
UIC Number: 14631
Facility Status: Closure review
Lat/Long: 45.510345 / -122.6670

UIC Well #: 2
Type: 5W10
Type Description: Cesspools
Status: Closure Under Review
UIC Number: 14631
Facility Status: Closure review
Lat/Long: 45.510345 / -122.6670

413
NNE
1/2-1
0.730 mi.
3857 ft.

1931 NE SANDY PROPERTY
1931 NE SANDY
PORTLAND, OR 97232

OR ECSI **S123272137**
N/A

Relative:
Higher

Actual:
143 ft.

ECSI:

State ID Number:	6297
Brown ID:	0
Study Area:	False
Region ID:	Not reported
Legislatve ID:	0
Investigation:	Suspect
FACA ID:	152974
Further Action:	0
Lat/Long (dms):	45 31 34.00 / -122 38 45.00
County Code:	26.00
Score Value:	Not reported
Cerclis ID:	Not reported
Township Coord.:	1.00
Township Zone:	N
Range Coord:	1.00
Range Zone:	E
Section Coord:	35
Qtr Section:	Not reported
Tax Lots:	2500
Size:	0.97
NPL:	False
Orphan:	False
Updated By:	KHACK
Update Date:	11/28/2018
Created Date:	10/24/2018
Decode For RegionID:	Not reported
Decode For BrownID:	Not reported
Decode For Furtheract:	Not reported
Decode For Investstat:	Suspect
Decode For Legislative:	Not reported

Administrative Action:

Action ID:	9424
Region:	Not reported
Complete Date:	10/24/2018
Rank Value:	Not reported
Cleanup Flag:	False
Created Date:	10/24/2018
Decode for AgencyID:	Department of Environmental Quality
Decode for RegionID:	Not reported
Category:	Administrative Action
Action Code Flag:	False
Action:	Site added to database
Further Action:	Not reported
Comments:	Not reported

Action ID:	9519
Region:	Northwestern Region
Complete Date:	Not reported
Rank Value:	Not reported
Cleanup Flag:	False
Created Date:	10/24/2018
Decode for AgencyID:	Department of Environmental Quality

1931 NE SANDY PROPERTY (Continued) **S123272137**

Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: VCS Waiting List
Further Action: 0
Comments: Not reported

Action ID: 9425
Region: Northwestern Region
Complete Date: Not reported
Rank Value: Not reported
Cleanup Flag: False
Created Date: 11/05/2018
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: SITE EVALUATION
Further Action: 0
Comments: Not reported

Action ID: 9456
Region: Northwestern Region
Complete Date: Not reported
Rank Value: Not reported
Cleanup Flag: False
Created Date: 11/28/2018
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: BASIC PRELIMINARY ASSESSEMENT
Further Action: 0
Comments: Not reported

DK414 **PGE WILLAMETTE RIVER SEDIMENT INVESTIGATION** **OR ECSI** **S110072093**
WSW **RIVER MILE 13.1 E TO RIVER MILE 13.5 E AND UPLAND SOURCES** **OR VCP** **N/A**
1/2-1 **PORTLAND, OR 97214**
0.742 mi.
3916 ft. **Site 2 of 2 in cluster DK**

Relative: ECSI:
Lower
Actual:
9 ft.

State ID Number: 5249
Brown ID: 0
Study Area: True
Region ID: 2
Legislatve ID: 831
Investigation: Suspect
FACA ID: 112930
Further Action: 257
Lat/Long (dms): 45 30 41.80 / -122 40 5.20
County Code: 26.00
Score Value: Not reported
Cerclis ID: Not reported
Township Coord.: 1.00
Township Zone: S
Range Coord: 1.00
Range Zone: E

PGE WILLAMETTE RIVER SEDIMENT INVESTIGATION (Continued) **S110072093**

Section Coord: 3
Qtr Section: Not reported
Tax Lots: Not reported
Size: Not reported
NPL: False
Orphan: False
Updated By: TGAINER
Update Date: 04/09/2015
Created Date: 09/18/2009
Decode For RegionID: Northwest Region
Decode For BrownID: Not reported
Decode For Furtheract: High-Medium
Decode For Investstat: Suspect
Decode For Legislative: Owner, operator or other party under agreement, order or consent decree under ORS 465.200 or 465.420
Alias Name: Outfall 33 Investigation
Alias Name: Portland General Electric

Narrative:
NARR ID: 5751704
NARR Code: Contamination
Created By: GGAMOLO
Created Date: 09/18/2009
Updated By: TGAINER
Updated Date: 01/29/2015
Decode for NarcdID: Contamination
NARR Comments: Sediment is contaminated by PCBs, chlordanes, DDTs, metals and dioxins.

NARR ID: 5755549
NARR Code: Data Sources
Created By: TGAINER
Created Date: 02/02/2015
Updated By: DLACEY
Updated Date: 11/14/2016
Decode for NarcdID: Data Sources
NARR Comments: Preliminary Assessment for River Mile 13.5 13.5 Drainage Areas, Final. May 7, 2010, URS Data Report, Portland General Electric, Willamette River Sediment Investigation, River Miles 13.5 and 13.5. June 16, 2010, URS. Data Report, Portland General Electric, Station L Southern Yard Upland Assessment. August 18, 2010, URS. Data Report, Portland General Electric, Rexel Taylor Property Upland Assessment. August 19, 2010, URS. Data Report, Portland General Electric, Hawthorne Building Upland Assessment. September 8, 2010, URS. Final Sediment Remedial Investigation Report River Miles 13.5 and 13.5, Willamette River, Portland, Oregon. Prepared for Portland General Electric Company by URS. December 2011. Final Feasibility Study Work Plan for River Miles 13.5 and 13.5. Prepared for Portland General Electric Company. February 2013. Final Feasibility Study Report, River Miles 13.5 and 13.5. Prepared for Portland General Electric Company. November 2014. URS, 2015. Outfall 33 Stormwater Sampling Report. Prepared for Portland General Electric Company. January 9, 2015. River Mile 13.5 Six-Month Isolation Cap Inspection Report, Prepared for Portland General Eletric Company. June 8, 2016

NARR ID: 5755546
NARR Code: General Site Description
Created By: TGAINER

PGE WILLAMETTE RIVER SEDIMENT INVESTIGATION (Continued) **S110072093**

Created Date: 01/29/2015
Updated By: DLACEY
Updated Date: 11/14/2016
Decode for NarcdID: General Site Description
NARR Comments: The river mile (RM) 13.1 and 13.5 Study Areas located on the east bank of the Willamette River in Portland, Oregon. The December 2011 Remedial Investigation defined the extent of nearshore and in-water sediment contamination in both Study Areas, and the November 2014 Feasibility Study identified and evaluated remedial alternatives. The primary chemical of concern are polychlorinated biphenyls (PCBs) in surface sediment. Upland source control evaluations identified two potential contaminant sources (the Rexel-Taylor and PGE Hawthorne building sites) via City Outfall 33 to the RM13.1 Study Area and the PGE Power Station L was identifed as a potental contaminant source to the RM 13.5 study area. Source control measures were implemented and completed at these locations and no known significant upland sources of contamination are currently discharging to the RM 13.1 and 13.5 Study Areas. Based on the FS evaluation of the alternatives, DEQ selcted the following remedies in a 4/8/15 Record of Decision: Alternative 2a isolation cap with discrete amended cap areas to address hot spots, and Alternative 2 isolation cap, as the remedial action for the RM 13.1 and RM 13.5 Study Areas, respectively.

NARR ID: 5756490
NARR Code: Hazardous Substance/Waste Types
Created By: DLACEY
Created Date: 11/14/2016
Updated By: DLACEY
Updated Date: 07/25/2017
Decode for NarcdID: Hazardous Substance/Waste Types
NARR Comments: Sediment sampling conducted in May 2008 detected elevated concentrations of PCBs in sediments adjacent to the City of Portland's Stormwater Outfall 33. Sediment sampling also found elevated concentrations of other hazardous substances (including pesticides, mercury, and dioxins) in the vicinty of RM 13.1 (adjacent to the Hawthorne Bridge) and RM 13.5 (adjacent to the Tilikum Crossing Bridge).

NARR ID: 5756489
NARR Code: Manner of Release
Created By: DLACEY
Created Date: 11/14/2016
Updated By: DLACEY
Updated Date: 11/14/2016
Decode for NarcdID: Manner of Release
NARR Comments: PGE was the owner and operator of three transformers, which housed dielectric fluids containing polychlorinated biphenyls (PCBs) and were located on a power pole at or near a property at 240 S.E. Clay Street in Portland (Rexel-Taylor Property). On May 17, 2006, a fire at the Rexel-Taylor Property breached the transformers and released dielectric fluids, some of which were washed into storm sewers during fire suppression activities. Those storm sewers discharge to the Willamette River at Outfall 33, located on the east bank of the Willamette River at River Mile (RM) 13.1. Contaminants from other sources associated with the fire may also have been washed into storm sewers and discharged. PGE maintenance and operations of Power Stations L and F the area of RM 13.5 may have created spills and

PGE WILLAMETTE RIVER SEDIMENT INVESTIGATION (Continued) **S110072093**

other releases of hazardous substances.

NARR ID: 5755547
NARR Code: Media Contamination
Created By: TGAINER
Created Date: 01/29/2015
Updated By: TGAINER
Updated Date: 01/29/2015
Decode for NarcdID: Media Contamination
NARR Comments: In-water sediment and beach up to the base of the riprap riverbank slope.

NARR ID: 5755548
NARR Code: Project Activity Status
Created By: TGAINER
Created Date: 01/29/2015
Updated By: DLACEY
Updated Date: 11/14/2016
Decode for NarcdID: Project Activity Status
NARR Comments: The Remedial Investigation and Feasibility Study are complete. After addressing public comments on the proposed sediment remedies, DEQ issued a Record of Decision in April 2015. River Mile 13.5 sediment cap implemented in Fall 2015. RM 13.1 sediment cap implementation is planned for Summar 2017.

NARR ID: 5756491
NARR Code: Health Threats
Created By: DLACEY
Created Date: 11/14/2016
Updated By: DLACEY
Updated Date: 07/25/2017
Decode for NarcdID: Health Threats
NARR Comments: The Remedial Investigation determined that contaminants are found in sediments at or near River Mile (RM) 13.1 at concentrations posing a risk to human health and ecological receptors that warranted remedial action. The contaminants of concern at RM 13.1 include PCBs, heavy metals, dioxins/furans, polycyclic aromatic hydrocarbons, and pesticides. The remedial investigation also determined that contaminants are found in sediments at or near RM 13.5 at concentrations posing a risk to human health and ecological receptors that warranted remedial action. The contaminants of concern at RM 13.5 include PCBs, heavy metals, dioxins/furans, polycyclic aromatic hydrocarbons, and pesticides.

NARR ID: 5756488
NARR Code: Site History
Created By: DLACEY
Created Date: 11/14/2016
Updated By: DLACEY
Updated Date: 07/25/2017
Decode for NarcdID: Site History
NARR Comments: PGE was an operator of upland properties near RIver Mile (RM) 13.1 (adjacent to the Hawthorne Street Bridge) and RM 13.5 (adjacent to the Tilikum Crossing Bridge). Operations included power generation at former Stations L, transformer and electrical equipment maintenance and repairs at the Hawthorne Building, electrical substations, and transmission and storage/maintenance facilities, including railroad

PGE WILLAMETTE RIVER SEDIMENT INVESTIGATION (Continued) **S110072093**

facilities. Station L operated until 1975, at which time it was taken out of service, with the property ultimately deeded to the Oregon Museum of Science and Industry. Other PGE maintenance and operations yards in this area may have created spills and other releases of hazardous substances. Sediment sampling conducted in May 2008 detected elevated concentrations of PCBs in sediments at the City of Portland Stomrmwater Outfall 33. Sediment sampling also found elevated concentrations of other hazardous substances (including pesticides, mercury, and dioxins) at RM 13.1 and 13.5. On January 8, 2010, DEQ issued an Order Requiring Remedial Investigation. The purpose of the Remedial Investigation was to investigate the nature and extent of hazardous substance contamination at the Site.The Remedial Investigation determined that contaminants are found in sediments at or near RM 13.1 at concentrations posing a risk to human health and ecological receptors that warranted remedial action. In July 2012, DEQ and Portland General Electric Company signed Order on Consent, in which PGE agreed to complete a feasibility study (FS). In November, 2014, PGE submitted the Final Feasibility to DEQ. DEQ published notice of a proposed remedial action and provided opportunity for public comment. Based on the Remedial Investigation and Feasibility Study, DEQ s Northwest Region Administrator selected the remedial action set forth in a Record of Decision dated April 8, 2015 (ROD). The remedial action selected in the ROD requires the installation of two separate isolation caps over the remaining contaminated sediments present at the Site. The caps will preclude human and ecological receptor contact with the contaminated sediments, and will thereby be protective of human health and the environment via the implementation of the required engineering controls as described in the April 8, 2015 ROD. In the fall of 2015, PGE implemented the River Mile 13.5 sediment isolation cap. In January, 2016, PGE submitted the River Mile 13.5 Sediment Isolation Cap Construction Completion Report to document completion of the RM 13.5 sediment isolation cap. Design of the RM 13.1 sediment isolation cap was completed in July 2017. Implementation of the RM 13.1 sediment isolation cap is planned to start July 24, 2017 and be completed by September 15.

Administrative Action:

Action ID:	9424
Region:	Not reported
Complete Date:	09/18/2009
Rank Value:	Not reported
Cleanup Flag:	False
Created Date:	09/18/2009
Decode for AgencyID:	Department of Environmental Quality
Decode for RegionID:	Not reported
Category:	Administrative Action
Action Code Flag:	False
Action:	Site added to database
Further Action:	Not reported
Comments:	Not reported

Action ID:	9502
Region:	Northwestern Region
Complete Date:	09/18/2009
Rank Value:	Not reported
Cleanup Flag:	False
Created Date:	11/02/2009

PGE WILLAMETTE RIVER SEDIMENT INVESTIGATION (Continued) **S110072093**

Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Remedial Investigation recommended (RI)
Further Action: High
Comments: Not reported

Action ID: 9442
Region: Northwestern Region
Complete Date: 01/06/2010
Rank Value: Not reported
Cleanup Flag: False
Created Date: 12/03/2009
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: NEGOTIATIONS
Further Action: 0
Comments: Not reported

Action ID: 9456
Region: Northwestern Region
Complete Date: 09/18/2009
Rank Value: Not reported
Cleanup Flag: False
Created Date: 12/11/2009
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: BASIC PRELIMINARY ASSESSEMENT
Further Action: 0
Comments: Not reported

Action ID: 9484
Region: Northwestern Region
Complete Date: 01/17/2012
Rank Value: Not reported
Cleanup Flag: False
Created Date: 09/13/2012
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: REMEDIAL INVESTIGATION
Further Action: High-Medium
Comments: Not reported

Action ID: 9412
Region: Northwestern Region
Complete Date: 01/06/2010
Rank Value: Not reported
Cleanup Flag: False
Created Date: 09/13/2012
Decode for AgencyID: Department of Environmental Quality

PGE WILLAMETTE RIVER SEDIMENT INVESTIGATION (Continued) **S110072093**

Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Consent Order
Further Action: High-Medium
Comments: Not reported

Action ID: 9412
Region: Northwestern Region
Complete Date: 07/30/2012
Rank Value: Not reported
Cleanup Flag: False
Created Date: 09/13/2012
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Consent Order
Further Action: 0
Comments: Not reported

Action ID: 9429
Region: Northwestern Region
Complete Date: Not reported
Rank Value: Not reported
Cleanup Flag: False
Created Date: 03/04/2014
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: FEASIBILITY STUDY
Further Action: 0
Comments: Not reported

Action ID: 9494
Region: Northwestern Region
Complete Date: 04/08/2015
Rank Value: Not reported
Cleanup Flag: False
Created Date: 04/09/2015
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: RECORD OF DECISION
Further Action: High-Medium
Comments: Not reported

Action ID: 9412
Region: Northwestern Region
Complete Date: Not reported
Rank Value: Not reported
Cleanup Flag: False
Created Date: 09/24/2015
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region

PGE WILLAMETTE RIVER SEDIMENT INVESTIGATION (Continued) **S110072093**

Category: Remedial Action
Action Code Flag: False
Action: Consent Order
Further Action: 0
Comments: Not reported

VCS:
ECS Site ID: 5249
Facility Size: Not reported
Action: Consent Order
Start Date: 09/24/2015
End Date: Not reported
Facility Status: Active
Program: VCP
Latitude: 45.5116
Longitude: -122.6681

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415 SW 1/2-1 0.750 mi. 3958 ft.

PGE - STATION L
1841 SE WATER AVE.
PORTLAND, OR 97214

OR CRL **S103841474**
OR ECSI **N/A**
OR ENG CONTROLS
OR BROWNFIELDS

Relative: Lower

Actual: 35 ft.

CRL:
Facility ID: 151
Location ID: 3232
Status Code: LIS
Facility Status: Long Term Care/Control recommended (OM)
Lat/Long: 45.5072 / -122.6655

ECSI:
State ID Number: 151
Brown ID: Brownfield Site - DEQ Tech Assistance
Study Area: False
Region ID: 2
Legislatve ID: 831
Investigation: Listed on the CRL/Inventory
FACA ID: 3232
Further Action: 0
Lat/Long (dms): 45 30 25.90 / -122 39 55.80
County Code: 26.00
Score Value: Not reported
Cerclis ID: 007909054
Township Coord.: 1.00
Township Zone: S
Range Coord: 1.00
Range Zone: E
Section Coord: 3
Qtr Section: Not reported
Tax Lots: 21, 69
Size: 27.75 acres
NPL: False
Orphan: False
Updated By: GWISTAR
Update Date: 09/20/2005
Created Date: 04/26/1988
Decode For RegionID: Northwest Region

PGE - STATION L (Continued) **S103841474**

Decode For BrownID: Brownfield Site - DEQ Technical Assistance
Decode For Furtheract: Not reported
Decode For Investstat: Listed on the CRL/Inventory
Decode For Legislative: Owner, operator or other party under agreement, order or consent decree under ORS 465.200 or 465.420
Alias Name: Portland General Electric - Station L
Alias Name: OMSI

Hazardous Release:
Substance ID.: 120908
Haz Release ID: 382863
Qty Released: unknown
Date Released: Possibly over time from mid 1930s to 1970s.
Update Date: 04/26/1988
Update By: Not reported
Substance Code: 11096-82-5
Substance Name: PCB 1260
Substance Abbrev.: Not reported
Substance Category ID: 8496
Substance Category: Semi-volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8557
Substance Category: PCB Substances for the OSPIRG Report
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8496
Substance Category: Semi-volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8557
Substance Category: PCB Substances for the OSPIRG Report
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 316557
Sub Alias Name: AROCHLOR 1260
Substance Alias ID: 316558
Sub Alias Name: AROCLOR 1260
Comment ID: 303070
Release Code: Data Sources
Release Comments: SRS project manager files
Decode for Relcomcd: Data Sources
Comment ID: 303071
Release Code: Media Contamination Footnote
Release Comments: also contaminated are various structures on site
Decode for Relcomcd: Media Contamination Footnote
Sampling Result ID: 345041
Feature Id: Not reported
Hazard Release Id: 382863
Medium: 701
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False

PGE - STATION L (Continued) **S103841474**

Lab Data: True
Sample Depth: Not reported
Start Date: Not reported
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: 1,150 ppm
Last Update By: CONV
Update Date: 09/13/1994
Decode for MediumID: Sediment
Sampling Result ID: 346025
Feature Id: Not reported
Hazard Release Id: 382863
Medium: 703
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: Not reported
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: 6,840 ppm
Last Update By: CONV
Update Date: 09/13/1994
Decode for MediumID: Soil

Narrative:
NARR ID: 5730652
NARR Code: Contamination
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Contamination
NARR Comments: (1/17/1996 JAK/SRS) Several areas on the site were used for the storage of electrical equipment. PCB oils were generally used in electrical equipment from the mid-1930s to the 1970s. Soils, various structures on-site, and Willamette River sediments are known to be contaminated with PCBs. This contamination was likely to have occurred from releases of oil from transformers.

NARR ID: 5730653
NARR Code: Hazardous Substance/Waste Types
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Hazardous Substance/Waste Types
NARR Comments: PCBs, heavy metals, BTEX, PAHs

NARR ID: 5730654
NARR Code: Site Location
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported

PGE - STATION L (Continued) **S103841474**

Updated Date: 12/17/2002
Decode for NarcdID: Site Location
NARR Comments: Site of new OMSI facility, plus 10 acres to south.

NARR ID: 5730655
NARR Code: Manner of Release
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Manner of Release
NARR Comments: Releases from electrical equipment containing PCB oils, likely between mid-1930s to 1970s.

NARR ID: 5730656
NARR Code: Media Contamination
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Media Contamination
NARR Comments: Remediation of river sediments completed.

NARR ID: 5730657
NARR Code: Site Ownership
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Site Ownership
NARR Comments: Inman - Poulsen Lumber Co., OWP, PRI, closed 1954

NARR ID: 5730658
NARR Code: Project Activity Status
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Project Activity Status
NARR Comments: ROD for No Further Action issued 9/26/94. Phase II: Sediment cap inspection and monitoring to be conducted every 5 years for next 25 years.

NARR ID: 5730659
NARR Code: Pathways Other Hazards
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Pathways & Other Hazards
NARR Comments: There is soil & river sediment contaminated with PCBs.

NARR ID: 5730660
NARR Code: Remedial Action
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported

PGE - STATION L (Continued) **S103841474**

Updated Date: 12/17/2002
Decode for NarcdID: Remedial Action
NARR Comments: (1/17/1996 JAK/SRS) River sediment remediation, including dredging and capping, was conducted from July 1990 to January 1991. Maximum residual concentration of PCBs in sediment is approximately 21 ppm, with an average concentration of 8 ppm. The multi-layer cap was constructed with sand, gravel, and riprap to a thickness of greater than 6 feet. DEQ issued a Certificate of Completion for the sediment cleanup in April 1991. Monitoring of the sediment cap ongoing through 2020. Upland investigation (Phase III) for hazardous substance releases anywhere on the 28-acre site completed. DEQ issued a Certificate of Completion for this phase in November 1993. A Record of Decision (ROD) for No Further Action at site was issued by DEQ on 9/26/94.

NARR ID: 5730661
NARR Code: Health Threats
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Health Threats
NARR Comments: Soil and groundwater contamination.

Site Control:
Site Control #: 270
Control Number: 36
Begin Date: 09/26/1994
End Date: Not reported
Frequency Of Review: 60
Last Reviewed By: Jill Kiernan
Last Reviewed Date: 05/01/2002
Last Update By: JPALMER
Last Updated Date: 05/05/2005
Site Comment: Sediment cap along riverbed.

Administrative Action:
Action ID: 9450
Region: Northwestern Region
Complete Date: Not reported
Rank Value: Not reported
Cleanup Flag: False
Created Date: 01/23/2017
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: OPERATION and MAINTENANCE
Further Action: 0
Comments: Not reported

Action ID: 9437
Region: Headquarters
Complete Date: 05/28/1991
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality

PGE - STATION L (Continued) **S103841474**

Decode for RegionID: Headquarters
Category: Listing Action
Action Code Flag: False
Action: Listing Review completed
Further Action: Not reported
Comments: Not reported

Action ID: 9448
Region: Headquarters
Complete Date: 11/11/1991
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Listing Action
Action Code Flag: False
Action: Review for final listing
Further Action: Not reported
Comments: Not reported

Action ID: 9412
Region: Headquarters
Complete Date: 08/04/1988
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Remedial Action
Action Code Flag: False
Action: Consent Order
Further Action: Not reported
Comments: Not reported

Action ID: 9422
Region: Northwestern Region
Complete Date: Not reported
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Engineering Control
Further Action: 0
Comments: Not reported

Action ID: 9421
Region: Not reported
Complete Date: Not reported
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Environmental Protection Agency
Decode for RegionID: Not reported

PGE - STATION L (Continued) **S103841474**

Category: EPA Led Action
Action Code Flag: False
Action: Site added to CERCLIS
Further Action: Not reported
Comments: Not reported

Action ID: 9512
Region: Not reported
Complete Date: 08/09/1994
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Environmental Protection Agency
Decode for RegionID: Not reported
Category: EPA Led Action
Action Code Flag: False
Action: EPA Screening Site Inspection 1
Further Action: Not reported
Comments: Not reported

Action ID: 9444
Region: Not reported
Complete Date: 08/09/1994
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Environmental Protection Agency
Decode for RegionID: Not reported
Category: EPA Led Action
Action Code Flag: False
Action: No Further Remedial Action Planned under Federal program
Further Action: Not reported
Comments: Not reported

Action ID: 9484
Region: Headquarters
Complete Date: 01/30/1991
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Remedial Action
Action Code Flag: False
Action: REMEDIAL INVESTIGATION
Further Action: Not reported
Comments: Not reported

Action ID: 9484
Region: Headquarters
Complete Date: 12/21/1994
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Remedial Action

PGE - STATION L (Continued) **S103841474**

Action Code Flag: False
Action: REMEDIAL INVESTIGATION
Further Action: Not reported
Comments: Not reported

Action ID: 9456
Region: Headquarters
Complete Date: 05/19/1988
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Remedial Action
Action Code Flag: False
Action: BASIC PRELIMINARY ASSESSEMENT
Further Action: Not reported
Comments: Not reported

Action ID: 9491
Region: Headquarters
Complete Date: 08/20/1988
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Remedial Action
Action Code Flag: False
Action: REMOVAL
Further Action: Not reported
Comments: Not reported

Action ID: 9429
Region: Headquarters
Complete Date: 02/16/1990
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Remedial Action
Action Code Flag: False
Action: FEASIBILITY STUDY
Further Action: Not reported
Comments: Not reported

Action ID: 9473
Region: Headquarters
Complete Date: 07/01/1990
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Remedial Action
Action Code Flag: False

PGE - STATION L (Continued) **S103841474**

Action: REMEDIAL DESIGN
Further Action: Not reported
Comments: Not reported

Action ID: 9469
Region: Headquarters
Complete Date: 04/11/1991
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Remedial Action
Action Code Flag: False
Action: REMEDIAL ACTION
Further Action: Not reported
Comments: Not reported

Action ID: 9450
Region: Northwestern Region
Complete Date: Not reported
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: OPERATION and MAINTENANCE
Further Action: Not reported
Comments: Not reported

Action ID: 9494
Region: Headquarters
Complete Date: 09/26/1994
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Remedial Action
Action Code Flag: False
Action: RECORD OF DECISION
Further Action: Not reported
Comments: Not reported

Action ID: 9425
Region: Headquarters
Complete Date: 05/14/1988
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Remedial Action
Action Code Flag: False
Action: SITE EVALUATION

PGE - STATION L (Continued) **S103841474**

Further Action: Not reported
Comments: Not reported

Action ID: 9413
Region: Northwestern Region
Complete Date: 11/28/1993
Rank Value: Not reported
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Closeout activities on completed project
Further Action: 0
Comments: Not reported

Action ID: 9424
Region: Headquarters
Complete Date: Not reported
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Administrative Action
Action Code Flag: False
Action: Site added to database
Further Action: Not reported
Comments: Not reported

Action ID: 9445
Region: Headquarters
Complete Date: Not reported
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Listing Action
Action Code Flag: False
Action: Responsible party notified re 11/88 Inventory listing
Further Action: Not reported
Comments: Not reported

Action ID: 9499
Region: Headquarters
Complete Date: 05/29/1991
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Listing Action
Action Code Flag: False
Action: Proposal for Inventory recommended
Further Action: Not reported

PGE - STATION L (Continued) **S103841474**

Comments: Not reported

Action ID: 9488
Region: Headquarters
Complete Date: 11/12/1991
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Listing Action
Action Code Flag: False
Action: Listing on Confirmed Release List recommended
Further Action: Not reported
Comments: Not reported

Action ID: 9438
Region: Headquarters
Complete Date: 11/19/1991
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Listing Action
Action Code Flag: False
Action: Facility placed on Confirmed Release List
Further Action: Not reported
Comments: Not reported

Action ID: 9467
Region: Headquarters
Complete Date: 06/28/1991
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Listing Action
Action Code Flag: False
Action: Facility proposed for Inventory
Further Action: Not reported
Comments: Not reported

Action ID: 9498
Region: Headquarters
Complete Date: 05/29/1991
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Listing Action
Action Code Flag: False
Action: Proposal for Confirmed Release List recommended
Further Action: Not reported
Comments: Not reported

PGE - STATION L (Continued) **S103841474**

Action ID: 9489
Region: Headquarters
Complete Date: 11/12/1991
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Listing Action
Action Code Flag: False
Action: Listing on Inventory recommended
Further Action: Not reported
Comments: Not reported

Action ID: 9439
Region: Headquarters
Complete Date: 11/19/1991
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Listing Action
Action Code Flag: False
Action: Facility placed on Inventory
Further Action: Not reported
Comments: Not reported

Action ID: 9465
Region: Headquarters
Complete Date: 06/28/1991
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Listing Action
Action Code Flag: False
Action: Facility proposed for Confirmed Release List
Further Action: Not reported
Comments: Not reported

Action ID: 9411
Region: Northwestern Region
Complete Date: 09/30/1994
Rank Value: Not reported
Cleanup Flag: False
Created Date: 09/20/2005
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: No Further Action (Conditional)
Further Action: 0
Comments: Not reported

Action ID: 9490

PGE - STATION L (Continued) **S103841474**

Region: Northwestern Region
Complete Date: 10/01/2006
Rank Value: Not reported
Cleanup Flag: False
Created Date: 04/03/2007
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Long Term Care/Control recommended (OM)
Further Action: 0
Comments: Not reported

Operations:
Operation Id: 131559
Operation Status: Inactive
Common Name: PGE - Station L
Yrs of Operation: 1900-1975 power generation; to 1986 equip. storage
Comments: Steam powered electricity generating plant, also used for the warehousing and maintenance of electrical equipment.
Updated Date: 07/19/1995
Updated By: jak
Decode for OpstatID: Inactive
Operations SIC Id: 195455
SIC Code: 5063
Created By: Not reported
Created Date: 12/17/2002

Enginering Control:
Site Control Sequence #: 270
Site Id: 151
Control Sequence #: 36
Begin Date: 09/26/1994
End Date: Not reported
Frequency Of Review: 60
Last Reviewed By: Jill Kiernan
Last Review Date: 05/01/2002
Last Updated By: JPALMER
Last Updated Date: 05/05/2005
Group Sequence #: 9
Control Code: CPE
Control Description: Cap, engineered
FK Type Code: 2
Group Code: SB
Group Description: Surface Barriers
Type Code: E
Type Description: Engineering
Comments: Sediment cap along riverbed.

OR BROWNFIELDS:
Geolocation Id: 3232
Status: Long Term Care/Control recommended (OM)
Lat/Long: 45.5072 / -122.665

416
East
1/2-1
0.794 mi.
4192 ft.

WASH WORLD - BELMONT
2731 SE BELMONT ST
PORTLAND, OR 97214

OR ECSI
OR ENG CONTROLS
OR INST CONTROL
OR VCP
OR DRYCLEANERS

S106386341
N/A

Relative:
Higher

Actual:
132 ft.

ECSI:

State ID Number:	5731
Brown ID:	0
Study Area:	False
Region ID:	2
Legislatve ID:	831
Investigation:	Suspect
FACA ID:	124252
Further Action:	0
Lat/Long (dms):	45 30 59.80 / -122 38 15.40
County Code:	26.00
Score Value:	Not reported
Cerclis ID:	Not reported
Township Coord.:	1.00
Township Zone:	S
Range Coord:	1.00
Range Zone:	E
Section Coord:	1
Qtr Section:	BB
Tax Lots:	6900
Size:	0.25 acre
NPL:	False
Orphan:	False
Updated By:	KDANA
Update Date:	04/14/2016
Created Date:	06/18/2012
Decode For RegionID:	Northwest Region
Decode For BrownID:	Not reported
Decode For Furtheract:	Not reported
Decode For Investstat:	Suspect
Decode For Legislative:	Owner, operator or other party under agreement, order or consent decree under ORS 465.200 or 465.420

Hazardous Release:

Substance ID.:	121011
Haz Release ID:	388161
Qty Released:	unknown
Date Released:	unknown
Update Date:	10/22/2013
Update By:	KDANA
Substance Code:	127-18-4
Substance Name:	TETRACHLOROETHYLENE
Substance Abbrev.:	Not reported
Substance Category ID:	8519
Substance Category:	Volatiles
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Substance Category ID:	8551
Substance Category:	Solvents of interest to Milwaukie Area GW study
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Substance Category ID:	8519

WASH WORLD - BELMONT (Continued) **S106386341**

Substance Category:	Volatiles
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Substance Category ID:	8551
Substance Category:	Solvents of interest to Milwaukie Area GW study
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Substance Alias ID:	316912
Sub Alias Name:	ETHENE,TETRACHLORO-
Substance Alias ID:	316913
Sub Alias Name:	ETHYLENE TETRACHLORIDE
Substance Alias ID:	316914
Sub Alias Name:	PERCHLOROETHYLENE
Substance Alias ID:	316915
Sub Alias Name:	PERCLENE
Substance Alias ID:	316916
Sub Alias Name:	TETRACHLOROETHENE
Substance Alias ID:	316917
Sub Alias Name:	TETRACHLOROETHENE,1,1,2,2-
Substance Alias ID:	316918
Sub Alias Name:	TETRACHLOROETHYLENE,1,1,2,2-
Comment ID:	305566
Release Code:	General Comments
Release Comments:	Also known as perchloroethylene (PCE or perc)
Decode for Relcomcd:	General Comments
Comment ID:	305630
Release Code:	Media Contamination Footnote
Release Comments:	Air = ambient air. Other = soil gas.
Decode for Relcomcd:	Media Contamination Footnote
Comment ID:	305636
Release Code:	Data Sources
Release Comments:	February 2015 Phase II ESA & Cleanup Report by Wohlers
Decode for Relcomcd:	Data Sources
Sampling Result ID:	350764
Feature Id:	0
Hazard Release Id:	388161
Medium:	703
Substance Abbrev.:	0
Unit Code:	7
Observation:	False
Owner Operator:	False
Lab Data:	True
Sample Depth:	1-3 ft bgs
Start Date:	02/02/2005
End Date:	02/02/2005
Min Concentration:	Not reported
Max Concentration:	12.40
Sample Comment:	up to 12.4 ppm
Last Update By:	KDANA
Update Date:	09/24/2015
Decode for MediumID:	Soil
Sampling Result ID:	350698
Feature Id:	0
Hazard Release Id:	388161
Medium:	698

WASH WORLD - BELMONT (Continued) **S106386341**

Substance Abbrev.:	0
Unit Code:	8
Observation:	False
Owner Operator:	False
Lab Data:	True
Sample Depth:	23 ft bgs
Start Date:	11/20/2012
End Date:	11/20/2012
Min Concentration:	Not reported
Max Concentration:	4000.00
Sample Comment:	up to 4,000 ppb
Last Update By:	KDANA
Update Date:	09/28/2015
Decode for MediumID:	Groundwater
Sampling Result ID:	350699
Feature Id:	0
Hazard Release Id:	388161
Medium:	700
Substance Abbrev.:	0
Unit Code:	95
Observation:	False
Owner Operator:	False
Lab Data:	True
Sample Depth:	5 ft bgs
Start Date:	12/26/2012
End Date:	12/26/2012
Min Concentration:	Not reported
Max Concentration:	10000000.00
Sample Comment:	up to 10,000,000 ug/m3
Last Update By:	KDANA
Update Date:	09/28/2015
Decode for MediumID:	Other
Sampling Result ID:	350707
Feature Id:	0
Hazard Release Id:	388161
Medium:	697
Substance Abbrev.:	0
Unit Code:	95
Observation:	False
Owner Operator:	False
Lab Data:	True
Sample Depth:	Not reported
Start Date:	02/06/2013
End Date:	02/06/2013
Min Concentration:	Not reported
Max Concentration:	120.00
Sample Comment:	up to 120 ug/m3
Last Update By:	KDANA
Update Date:	09/28/2015
Decode for MediumID:	Air

Narrative:

NARR ID:	5755180
NARR Code:	Contamination
Created By:	KDANA
Created Date:	06/19/2014
Updated By:	KDANA
Updated Date:	08/14/2017

WASH WORLD - BELMONT (Continued) **S106386341**

Decode for NarcdID: Contamination
NARR Comments: (08/14/2017 KPD/ICP) Soil sampling in February 2005 found low levels of PCE, a dry cleaning solvent. Additional sampling found PCE in soil gas (January 2010) and groundwater (May 2010). A total of 21 soil samples, six groundwater samples, and eight soil gas samples were collected at the site in November 2012, followed by six soil samples and four ambient air samples in February 2013. PCE was prevalent in the air and groundwater samples but not in the soil samples. A prospective purchaser of the site collected four soil gas samples from the property boundaries in July 2015 (when the SVE system was shut down) and two follow-up samples each in November and December 2015 (when the SVE system was on). As expected, soil gas concentrations were lower when the soil vapor extraction system was on. The prospective purchaser acquired the site in March 2016 after signing a Prospective Purchaser Agreement with DEQ.

NARR ID: 5755192
NARR Code: Data Sources
Created By: KDANA
Created Date: 07/01/2014
Updated By: KDANA
Updated Date: 08/14/2017
Decode for NarcdID: Data Sources
NARR Comments: 1) EIS <quot>Phase II Environmental Site Assessment<quot> [February 22, 2005]. 2) EIS <quot>Phase II Environmental Site Assessment<quot> [February 5, 2010]. 3) EIS <quot>Phase II Soil & Groundwater Environmental Site Assessment<quot> [June 7, 2010]. 4) EIS <quot>Confirmation Indoor Air Sampling<quot> [April 14, 2011]. 5) Wohlers <quot>Project Workplan for VE System Installation<quot> [October 4, 2013]. 6) Wohlers <quot>Request for Oregon DEQ 'Contained-In' Determination<quot> [June 24, 2014]. 7) Wohlers <quot>Phase II Environmental Site Assessment & Cleanup Report<quot> [February 25, 2015]. 8) GeoDesign <quot>Soil Vapor Evaluation Memo<quot> [August 6, 2015]. 9) GeoDesign <quot>Supplemental Soil Vapor Evaluation<quot> [February 3, 2016]. 10) GeoDesign <quot>Contaminated Media Management Plan<quot> [May 13, 2016]. 11) GeoDesign <quot>Remedial Action Plan<quot> [August 8, 2016]. 12) Succeed Environmental <quot>Supplemental Soil Vapor Evaluation<quot> [July 31, 2017].

NARR ID: 5755190
NARR Code: Hazardous Substance/Waste Types
Created By: KDANA
Created Date: 07/01/2014
Updated By: KDANA
Updated Date: 07/01/2014
Decode for NarcdID: Hazardous Substance/Waste Types
NARR Comments: Perchloroethylene

NARR ID: 5754886
NARR Code: Site Location
Created By: KDANA
Created Date: 10/22/2013
Updated By: KDANA
Updated Date: 09/24/2015
Decode for NarcdID: Site Location
NARR Comments: The site is located on the northwest corner of the intersection of SE

WASH WORLD - BELMONT (Continued) **S106386341**

28th Avenue and SE Belmont Street in Portland.

NARR ID: 5756075
NARR Code: Manner of Release
Created By: KDANA
Created Date: 04/14/2016
Updated By: KDANA
Updated Date: 04/14/2016
Decode for NarcdID: Manner of Release
NARR Comments: unknown; possible past practices at Washworld

NARR ID: 5755815
NARR Code: Media Contamination
Created By: KDANA
Created Date: 09/24/2015
Updated By: KDANA
Updated Date: 04/26/2016
Decode for NarcdID: Media Contamination
NARR Comments: Groundwater and soil gas

NARR ID: 5755193
NARR Code: Site Ownership
Created By: KDANA
Created Date: 07/01/2014
Updated By: KDANA
Updated Date: 04/14/2016
Decode for NarcdID: Site Ownership
NARR Comments: KP Belmont 28 Real Estate LLC purchased the site from Alfa Belmont LLC in March 2016.

NARR ID: 5755817
NARR Code: Pathways Other Hazards
Created By: KDANA
Created Date: 09/28/2015
Updated By: KDANA
Updated Date: 09/30/2015
Decode for NarcdID: Pathways & Other Hazards
NARR Comments: Soils at the site are a mix of silty sands, sandy silts, and clayey silts to at least 29 feet below ground surface. Groundwater is approximately 15-19 feet bgs and based on topography is believed to flow west toward the Willamette River (1.5 miles away).

NARR ID: 5755191
NARR Code: Remedial Action
Created By: KDANA
Created Date: 07/01/2014
Updated By: KDANA
Updated Date: 08/14/2017
Decode for NarcdID: Remedial Action
NARR Comments: (08/15/2017 KPD/ICP) A sub-slab vapor extraction system was installed beneath the onsite building in June 2014. Three east-west trenches approximately 55 feet long, 18 inches wide and 33 inches deep were dug beneath the building, connected by two north-south trenches. Slotted PVC pipes were placed in the trenches and surrounded by coarse sand. A fan pulled air from the pipes through a canister of activated carbon. Approximately 65 cubic yards of soil and 10 cubic yards of concrete were removed during construction of the SVE system.

WASH WORLD - BELMONT (Continued) **S106386341**

A total of 18 soil samples and three concrete samples were collected and analyzed for contamination, finding only 0.370 ppm PCE. DEQ agreed that the soil and concrete could be disposed of as a non-hazardous waste in a permitted solid waste landfill. The SVE system began operating in October 2014. A series of pre- and post-treatment air samples were collected over the next three months. Pre-treatment concentrations of PCE dropped from 78,000 ug/m3 in October 2014 to 6,000 ug/m3 in January 2015. Post-treatment concentrations of PCE started at 19 ug/m3 and dropped to 7.6 ug/m3 over the same time period. Soil gas sampling along the property boundaries at the end of 2015 found only up to 3,280 ug/m3 PCE. Power to the site (and the SVE system) was cut off in October 2016. Soil gas sampling along the building edges in July 2017 found 4,000 ug/m3 PCE, below the urban residential risk-based standard of 5,100 ug/m3.

NARR ID: 5755818
NARR Code: Health Threats
Created By: KDANA
Created Date: 09/28/2015
Updated By: KDANA
Updated Date: 08/14/2017
Decode for NarcdID: Health Threats
NARR Comments: Concentrations of PCE in soil gas and indoor air at the site exceeded DEQ's risk-based standards for urban residential and occupational exposures. The contamination was treated with a soil vapor extraction system from October 2014 to October 2016.

NARR ID: 5755814
NARR Code: Site History
Created By: KDANA
Created Date: 09/24/2015
Updated By: KDANA
Updated Date: 08/25/2016
Decode for NarcdID: Site History
NARR Comments: A single-family residence was shown on the north half of the site in a 1909 Sanborn map. A construction company office apparently operated out of the residence between 1935 and 1965. The residence was replaced with a commercial building in 1968. Washworld is believed to have operated in the eastern half of the building as a retail laundrymat and dry cleaners from 1968 to 1999, as a dry store from 1999 to 2005, and again as a dry cleaners from 2005 to 2009. Small grocery stores reportedly operated in the western half of the building from at least 1970 through the 1980s. The building was vacant from 2009 through 2016.

NARR ID: 5756249
NARR Code: 1922
Created By: GWISTAR
Created Date: 06/29/2016
Updated By: KDANA
Updated Date: 08/14/2017
Decode for NarcdID: Current Site Summary Statement
NARR Comments: A sub-slab vapor extraction system was installed beneath the on-site building and operated from October 2014 to October 2016.

Site Control:
Site Control #: 1033
Control Number: 3

WASH WORLD - BELMONT (Continued) **S106386341**

Begin Date: 04/13/2016
End Date: Not reported
Frequency Of Review: 0
Last Reviewed By: by K. Dana
Last Reviewed Date: Not reported
Last Update By: KDANA
Last Updated Date: 06/02/2016
Site Comment: Requires the installation of a vapor barrier and mitigation system at the site.

Site Control #: 1034
Control Number: 26
Begin Date: 04/13/2016
End Date: Not reported
Frequency Of Review: 0
Last Reviewed By: by K. Dana
Last Reviewed Date: Not reported
Last Update By: KDANA
Last Updated Date: 06/02/2016
Site Comment: Owner must install and maintain a vapor mitigation engineering control on the Property that prevents off-site migration of soil gas vapors associated with the Property at concentrations exceeding acceptable risk levels for residents and occupants of adjacent properties and workers in adjacent public rights-of-way.

Site Control #: 1035
Control Number: 34
Begin Date: 04/13/2016
End Date: Not reported
Frequency Of Review: 0
Last Reviewed By: by K. Dana
Last Reviewed Date: Not reported
Last Update By: KDANA
Last Updated Date: 06/02/2016
Site Comment: Owner must incorporate a vapor barrier engineering control into any building on the Property to prevent intrusion into the building of soil gas vapors associated with the Property at concentrations exceeding acceptable risk levels.

Administrative Action:
Action ID: 9424
Region: Not reported
Complete Date: 06/18/2012
Rank Value: Not reported
Cleanup Flag: False
Created Date: 06/18/2012
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Administrative Action
Action Code Flag: False
Action: Site added to database
Further Action: Not reported
Comments: Not reported

Action ID: 9519
Region: Northwestern Region
Complete Date: 08/08/2012
Rank Value: Not reported

WASH WORLD - BELMONT (Continued) **S106386341**

Cleanup Flag: False
Created Date: 06/18/2012
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: VCS Waiting List
Further Action: 0
Comments: Not reported

Action ID: 9435
Region: Northwestern Region
Complete Date: Not reported
Rank Value: Not reported
Cleanup Flag: False
Created Date: 10/22/2013
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Independent Cleanup Program
Further Action: 0
Comments: Not reported

Action ID: 9491
Region: Northwestern Region
Complete Date: 10/15/2016
Rank Value: Not reported
Cleanup Flag: False
Created Date: 09/30/2015
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: REMOVAL
Further Action: 0
Comments: Not reported

Action ID: 9459
Region: Northwestern Region
Complete Date: 02/25/2015
Rank Value: Not reported
Cleanup Flag: False
Created Date: 09/30/2015
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: PRELIMINARY ASSESSMENT EQUIVALENT
Further Action: 0
Comments: Not reported

Action ID: 9442
Region: Northwestern Region
Complete Date: 03/04/2016
Rank Value: Not reported
Cleanup Flag: False

WASH WORLD - BELMONT (Continued) **S106386341**

Created Date: 04/14/2016
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: NEGOTIATIONS
Further Action: 0
Comments: Not reported

Action ID: 9412
Region: Northwestern Region
Complete Date: Not reported
Rank Value: Not reported
Cleanup Flag: False
Created Date: 04/14/2016
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Consent Order
Further Action: 0
Comments: Not reported

Action ID: 9511
Region: Northwestern Region
Complete Date: 02/03/2016
Rank Value: Not reported
Cleanup Flag: True
Created Date: 04/14/2016
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: SITE INVESTIGATION
Further Action: 0
Comments: Not reported

Action ID: 9464
Region: Northwestern Region
Complete Date: 03/04/2016
Rank Value: Not reported
Cleanup Flag: False
Created Date: 06/02/2016
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Prospective Purchaser Agreement
Further Action: 0
Comments: Not reported

Action ID: 9434
Region: Northwestern Region
Complete Date: Not reported
Rank Value: Not reported
Cleanup Flag: False
Created Date: 07/25/2016

WASH WORLD - BELMONT (Continued) **S106386341**

Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Institutional Control
Further Action: 0
Comments: Not reported

Operations:
Operation Id: 135942
Operation Status: Inactive
Common Name: Washworld
Yrs of Operation: 1968 to 2009
Comments: Dry cleaners
Updated Date: 09/24/2015
Updated By: KDANA
Decode for OpstatID: Inactive
Operations SIC Id: 199373
SIC Code: 7216
Created By: KDANA
Created Date: 09/24/2015

Enginering Control:
Site Control Sequence #: 1034
Site Id: 5731
Control Sequence #: 26
Begin Date: 04/13/2016
End Date: Not reported
Frequency Of Review: 0
Last Reviewed By: by K. Dana
Last Review Date: Not reported
Last Updated By: KDANA
Last Updated Date: 06/02/2016
Group Sequence #: 6
Control Code: SVA
Control Description: Soil venting, active
FK Type Code: 2
Group Code: LTC
Group Description: Long-Term Controls
Type Code: E
Type Description: Engineering
Comments: Owner must install and maintain a vapor mitigation engineering control on the Property that prevents off-site migration of soil gas vapors associated with the Property at concentrations exceeding acceptable risk levels for residents and occupants of adjacent properties and workers in adjacent public rights-of-way.

Site Control Sequence #: 1035
Site Id: 5731
Control Sequence #: 34
Begin Date: 04/13/2016
End Date: Not reported
Frequency Of Review: 0
Last Reviewed By: by K. Dana
Last Review Date: Not reported
Last Updated By: KDANA
Last Updated Date: 06/02/2016

WASH WORLD - BELMONT (Continued) **S106386341**

Group Sequence #: 8
Control Code: LS
Control Description: Liner, synthetic
FK Type Code: 2
Group Code: SSB
Group Description: Subsurface Barriers
Type Code: E
Type Description: Engineering
Comments: Owner must incorporate a vapor barrier engineering control into any building on the Property to prevent intrusion into the building of soil gas vapors associated with the Property at concentrations exceeding acceptable risk levels.

Institutional Control:
Site Control Sequence #: 1033
Site Id: 5731
Control Sequence #: 3
Begin Date: 04/13/2016
End Date: Not reported
Frequency Of Review: 0
Last Reviewed By: by K. Dana
Last Review Date: Not reported
Last Updated By: KDANA
Last Updated Date: 06/02/2016
Group Sequence #: 2
Control Code: EES
Control Description: Easement Equitable Servitude
FK Type Code: 1
Group Code: PR
Group Description: Proprietary
Type Code: I
Type Description: Institutional
Comments: Requires the installation of a vapor barrier and mitigation system at the site.

VCS:
ECS Site ID: 5731
Facility Size: 0.25 acre
Action: Independent Cleanup Program
Start Date: 08/08/2012
End Date: Not reported
Facility Status: Active
Program: ICP
Latitude: 45.5166
Longitude: -122.6376

DRYCLEANERS:
Dry Cleaner ID: 451
Current Status: Closed
Last Update: Not reported
DEQID: Not reported
Latitude: 45.516749835
Longitude: -122.63743898
Decode for Fstatus: Closed
Mail Name: Wash World-Belmont
Mail Address: 2731 SE Belmont St

WASH WORLD - BELMONT (Continued) **S106386341**

Mail City:	Portland
Mail State:	OR
Mail ZIP:	97214
Mail Email Address:	Not reported
Mail Effective Date:	07/07/2006
Mail Last Updated:	07/07/2006
Owner ID:	8651
Own Name:	Hyun C. Kwon
Own Organization:	Wash World-Belmont
Own Address:	2816 NE 150th St
Own City:	Vancouver
Own State:	WA
Own ZIP:	98686
Own Phone:	Not reported
Own Email Address:	Not reported
Owner Effective Date:	01/01/2005
Owner Last Updated:	08/25/2009
Property Owner ID:	3485
Property Owner Name:	Carl Cadonau Jr.
Property Owner Organization:	Alprop
Property Owner Address:	6149 SW Shattuck Rd
Property Owner City:	Portland
Property Owner State:	OR
Property Owner ZIP:	97221
Property Owner Phone:	Not reported
Property Owner Email Address:	Not reported
Property Owner Effective Date:	07/07/2006
Property Owner Last Updated:	07/07/2006

417
SSW
1/2-1
0.806 mi.
4254 ft.

BALZER PACIFIC EQUIPMENT CO. STORAGE LOT
2230 SE GRAND AVE.
PORTLAND, OR 97214

OR CRL **S112231357**
OR ECSI **N/A**
OR ENG CONTROLS
OR INST CONTROL
OR VCP

Relative:
Lower

Actual:
50 ft.

CRL:

Facility ID:	5753
Location ID:	125400
Status Code:	LIS
Facility Status:	No Further Action (Conditional)
Lat/Long:	45.5062 / -122.6596

ECSI:

State ID Number:	5753
Brown ID:	0
Study Area:	False
Region ID:	2
Legislatve ID:	831
Investigation:	Listed on the CRL/Inventory
FACA ID:	125400
Further Action:	0
Lat/Long (dms):	45 30 22.30 / -122 39 34.60
County Code:	26.00
Score Value:	Not reported
Cerclis ID:	Not reported
Township Coord.:	1.00
Township Zone:	S

BALZER PACIFIC EQUIPMENT CO. STORAGE LOT (Continued) **S112231357**

Range Coord: 1.00
Range Zone: E
Section Coord: 2
Qtr Section: CC
Tax Lots: 6100
Size: 0.86 acres
NPL: False
Orphan: False
Updated By: KDANA
Update Date: 12/08/2015
Created Date: 10/01/2012
Decode For RegionID: Northwest Region
Decode For BrownID: Not reported
Decode For Furtheract: Not reported
Decode For Investstat: Listed on the CRL/Inventory
Decode For Legislative: Owner, operator or other party under agreement, order or consent decree under ORS 465.200 or 465.420

Hazardous Release:
Substance ID.: 121982
Haz Release ID: 388037
Qty Released: unknown
Date Released: unknown
Update Date: 04/10/2013
Update By: KDANA
Substance Code: ECD169
Substance Name: DIESEL - FUEL OIL
Substance Abbrev.: Not reported
Substance Category ID: 8529
Substance Category: Petroleum Related Releases for OSPIRG Report
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8529
Substance Category: Petroleum Related Releases for OSPIRG Report
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Comment ID: 305525
Release Code: General Comments
Release Comments: The diesel detections did not match any specific hydrocarbon products
Decode for Relcomcd: General Comments
Comment ID: 305526
Release Code: Data Sources
Release Comments: August 2011 Parametrix Phase II ESA
Decode for Relcomcd: Data Sources
Comment ID: 305505
Release Code: Media Contamination Footnote
Release Comments: Highest soil concentration encountered in Boring B-3. Highest groundwater concentration encountered in Boring B-2
Decode for Relcomcd: Media Contamination Footnote
Sampling Result ID: 350529
Feature Id: 0
Hazard Release Id: 388037
Medium: 703
Substance Abbrev.: 0
Unit Code: 7
Observation: False

BALZER PACIFIC EQUIPMENT CO. STORAGE LOT (Continued) **S112231357**

Owner Operator: False
Lab Data: True
Sample Depth: 3 ft bgs
Start Date: 04/27/2011
End Date: 04/27/2011
Min Concentration: Not reported
Max Concentration: 5820.00
Sample Comment: up to 5,820 ppm
Last Update By: KDANA
Update Date: 08/13/2015
Decode for MediumID: Soil
Sampling Result ID: 350543
Feature Id: 0
Hazard Release Id: 388037
Medium: 698
Substance Abbrev.: 0
Unit Code: 8
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: 20-30 ft bgs
Start Date: 04/27/2011
End Date: 04/27/2011
Min Concentration: Not reported
Max Concentration: 3850.00
Sample Comment: up to 3,850 ppb
Last Update By: KDANA
Update Date: 04/10/2013
Decode for MediumID: Groundwater

Substance ID.: 121988
Haz Release ID: 388038
Qty Released: unknown
Date Released: unknown
Update Date: 04/10/2013
Update By: KDANA
Substance Code: ECD198
Substance Name: OIL - LUBRICATING
Substance Abbrev.: Not reported
Substance Category ID: 8531
Substance Category: Petroleum Related Releases for OSPIRG Report
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8531
Substance Category: Petroleum Related Releases for OSPIRG Report
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Comment ID: 305506
Release Code: Media Contamination Footnote
Release Comments: Highest soil concentration encountered in Boring B-3. Highest groundwater concentration encountered in Boring B-2
Decode for Relcomcd: Media Contamination Footnote
Comment ID: 305517
Release Code: General Comments
Release Comments: The lube oil detections did not match any specific hydrocarbon product

BALZER PACIFIC EQUIPMENT CO. STORAGE LOT (Continued) **S112231357**

Decode for Relcomcd: General Comments
Comment ID: 305518
Release Code: Data Sources
Release Comments: August 2011 Parametrix Phase II ESA
Decode for Relcomcd: Data Sources
Sampling Result ID: 350530
Feature Id: 0
Hazard Release Id: 388038
Medium: 703
Substance Abbrev.: 0
Unit Code: 7
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: 3 ft bgs
Start Date: 04/27/2011
End Date: 04/27/2011
Min Concentration: Not reported
Max Concentration: 11500.00
Sample Comment: up to 11,500 ppm
Last Update By: KDANA
Update Date: 08/13/2015
Decode for MediumID: Soil
Sampling Result ID: 350544
Feature Id: 0
Hazard Release Id: 388038
Medium: 698
Substance Abbrev.: 0
Unit Code: 8
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: 20-30 ft bgs
Start Date: 04/27/2011
End Date: 04/27/2011
Min Concentration: Not reported
Max Concentration: 7410.00
Sample Comment: up to 7,410 ppb
Last Update By: KDANA
Update Date: 04/10/2013
Decode for MediumID: Groundwater

Substance ID.: 121639
Haz Release ID: 388039
Qty Released: unknown
Date Released: unknown
Update Date: 04/10/2013
Update By: KDANA
Substance Code: 7439-92-1
Substance Name: LEAD
Substance Abbrev.: Not reported
Substance Category ID: 8466
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8466

BALZER PACIFIC EQUIPMENT CO. STORAGE LOT (Continued) **S112231357**

Substance Category:	Inorganics
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Substance Alias ID:	319256
Sub Alias Name:	PB
Comment ID:	305521
Release Code:	Media Contamination Footnote
Release Comments:	Highest soil concentration encountered in Boring B-11. Highest groundwater concentration encountered in Boring B-6
Decode for Relcomcd:	Media Contamination Footnote
Comment ID:	305522
Release Code:	Data Sources
Release Comments:	August 2011 Parametrix Phase II ESA and September 2014 URS Additional Data Gap Investigation
Decode for Relcomcd:	Data Sources
Comment ID:	305656
Release Code:	General Comments
Release Comments:	Leachate analysis by TCLP
Decode for Relcomcd:	General Comments
Sampling Result ID:	350542
Feature Id:	0
Hazard Release Id:	388039
Medium:	703
Substance Abbrev.:	0
Unit Code:	7
Observation:	False
Owner Operator:	False
Lab Data:	True
Sample Depth:	4.4 ft bgs
Start Date:	07/10/2014
End Date:	07/10/2014
Min Concentration:	Not reported
Max Concentration:	2300.00
Sample Comment:	up to 2,300 ppm
Last Update By:	KDANA
Update Date:	10/22/2014
Decode for MediumID:	Soil
Sampling Result ID:	350547
Feature Id:	0
Hazard Release Id:	388039
Medium:	698
Substance Abbrev.:	0
Unit Code:	8
Observation:	False
Owner Operator:	False
Lab Data:	True
Sample Depth:	20-30 ft bgs
Start Date:	04/28/2011
End Date:	04/28/2011
Min Concentration:	Not reported
Max Concentration:	73.40
Sample Comment:	up to 73.4 ppb
Last Update By:	KDANA
Update Date:	04/10/2013
Decode for MediumID:	Groundwater
Sampling Result ID:	350726

BALZER PACIFIC EQUIPMENT CO. STORAGE LOT (Continued) **S112231357**

Feature Id: 0
Hazard Release Id: 388039
Medium: 699
Substance Abbrev.: 0
Unit Code: 109
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: 4.4 ft bgs
Start Date: 07/10/2014
End Date: 07/10/2014
Min Concentration: Not reported
Max Concentration: 5.50
Sample Comment: up to 5.5 mg/l
Last Update By: KDANA
Update Date: 10/22/2014
Decode for MediumID: Leachate

Substance ID.: 121868
Haz Release ID: 388040
Qty Released: unknown
Date Released: unknown
Update Date: 04/10/2013
Update By: KDANA
Substance Code: 91-20-3
Substance Name: NAPHTHALENE
Substance Abbrev.: Not reported
Substance Category ID: 8494
Substance Category: Semi-volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8494
Substance Category: Semi-volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 317793
Sub Alias Name: MOTH BALLS
Substance Alias ID: 317794
Sub Alias Name: NAPHTHENE
Substance Alias ID: 317795
Sub Alias Name: TAR CAMPHOR
Comment ID: 305519
Release Code: Media Contamination Footnote
Release Comments: Highest soil concentration encountered in Boring B-3. Highest groundwater concentration encountered in Boring B-6
Decode for Relcomcd: Media Contamination Footnote
Comment ID: 305520
Release Code: Data Sources
Release Comments: August 2011 Parametrix Phase II ESA
Decode for Relcomcd: Data Sources
Sampling Result ID: 350531
Feature Id: 0
Hazard Release Id: 388040
Medium: 703
Substance Abbrev.: 0

BALZER PACIFIC EQUIPMENT CO. STORAGE LOT (Continued) **S112231357**

Unit Code: 7
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: 3 ft bgs
Start Date: 04/27/2011
End Date: 04/27/2011
Min Concentration: Not reported
Max Concentration: 18.70
Sample Comment: up to 18.7 ppm
Last Update By: KDANA
Update Date: 04/10/2013
Decode for MediumID: Soil
Sampling Result ID: 350548
Feature Id: 0
Hazard Release Id: 388040
Medium: 698
Substance Abbrev.: 0
Unit Code: 8
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: 20-30 ft bgs
Start Date: 04/28/2011
End Date: 04/28/2011
Min Concentration: Not reported
Max Concentration: .35
Sample Comment: up to 0.345 ppb
Last Update By: KDANA
Update Date: 04/10/2013
Decode for MediumID: Groundwater

Substance ID.: 121462
Haz Release ID: 388041
Qty Released: unknown
Date Released: unknown
Update Date: 04/09/2013
Update By: KDANA
Substance Code: 56-55-3
Substance Name: BENZO(a)ANTHRACENE
Substance Abbrev.: Not reported
Substance Category ID: 8475
Substance Category: Semi-volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8475
Substance Category: Semi-volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 318790
Sub Alias Name: BENZ(a)ANTHRACENE
Substance Alias ID: 318791
Sub Alias Name: BENZANTHRACENE,1,2-
Substance Alias ID: 318792
Sub Alias Name: BENZANTHRENE

BALZER PACIFIC EQUIPMENT CO. STORAGE LOT (Continued) **S112231357**

Substance Alias ID: 318793
Sub Alias Name: BENZOANTHRACENE
Substance Alias ID: 318794
Sub Alias Name: BENZPHENANTHRENE,2,3-
Substance Alias ID: 318795
Sub Alias Name: NAPHTHANTHRACENE
Substance Alias ID: 318796
Sub Alias Name: TETRAPHENE
Comment ID: 305537
Release Code: Media Contamination Footnote
Release Comments: Highest soil concentration encountered in Boring B-3. Highest groundwater concentration encountered in Boring B-2
Decode for Relcomcd: Media Contamination Footnote
Comment ID: 305513
Release Code: Data Sources
Release Comments: August 2011 Parametrix Phase II ESA
Decode for Relcomcd: Data Sources
Sampling Result ID: 350533
Feature Id: 0
Hazard Release Id: 388041
Medium: 703
Substance Abbrev.: 0
Unit Code: 7
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: 3 ft bgs
Start Date: 04/27/2011
End Date: 04/27/2011
Min Concentration: Not reported
Max Concentration: 162.00
Sample Comment: up to 162 ppm
Last Update By: KDANA
Update Date: 04/09/2013
Decode for MediumID: Soil
Sampling Result ID: 350549
Feature Id: 0
Hazard Release Id: 388041
Medium: 698
Substance Abbrev.: 0
Unit Code: 8
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: 20-30 ft bgs
Start Date: 04/27/2011
End Date: 04/27/2011
Min Concentration: Not reported
Max Concentration: .18
Sample Comment: up to 0.179 ppb
Last Update By: KDANA
Update Date: 04/09/2013
Decode for MediumID: Groundwater

Substance ID.: 121374
Haz Release ID: 388042
Qty Released: unknown

BALZER PACIFIC EQUIPMENT CO. STORAGE LOT (Continued) **S112231357**

Date Released: unknown
Update Date: 04/10/2013
Update By: KDANA
Substance Code: 50-32-8
Substance Name: BENZO(a)PYRENE
Substance Abbrev.: Not reported
Substance Category ID: 8476
Substance Category: Semi-volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8476
Substance Category: Semi-volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 318559
Sub Alias Name: B(a)P
Substance Alias ID: 318560
Sub Alias Name: BENZOPYRENE,3,4-
Substance Alias ID: 318561
Sub Alias Name: BENZPYRENE,3,4-
Substance Alias ID: 318562
Sub Alias Name: BP
Comment ID: 305535
Release Code: Media Contamination Footnote
Release Comments: Highest soil concentration encountered in Boring B-3. Highest groundwater concentration encountered in Boring B-2
Decode for Relcomcd: Media Contamination Footnote
Comment ID: 305536
Release Code: Data Sources
Release Comments: August 2011 Parametrix Phase II ESA
Decode for Relcomcd: Data Sources
Sampling Result ID: 350534
Feature Id: 0
Hazard Release Id: 388042
Medium: 703
Substance Abbrev.: 0
Unit Code: 7
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: 3 ft bgs
Start Date: 04/27/2011
End Date: 04/27/2011
Min Concentration: Not reported
Max Concentration: 136.00
Sample Comment: up to 136 ppm
Last Update By: KDANA
Update Date: 04/10/2013
Decode for MediumID: Soil
Sampling Result ID: 350550
Feature Id: 0
Hazard Release Id: 388042
Medium: 698
Substance Abbrev.: 0
Unit Code: 8

BALZER PACIFIC EQUIPMENT CO. STORAGE LOT (Continued) **S112231357**

Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: 20-30 ft bgs
Start Date: 04/27/2011
End Date: 04/27/2011
Min Concentration: Not reported
Max Concentration: .22
Sample Comment: up to 0.221 ppb
Last Update By: KDANA
Update Date: 04/10/2013
Decode for MediumID: Groundwater

Substance ID.: 121192
Haz Release ID: 388043
Qty Released: unknown
Date Released: unknown
Update Date: 04/10/2013
Update By: KDANA
Substance Code: 205-99-2
Substance Name: BENZO(b)FLUORANTHENE
Substance Abbrev.: Not reported
Substance Category ID: 8477
Substance Category: Semi-volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8477
Substance Category: Semi-volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 317390
Sub Alias Name: B(b)F
Substance Alias ID: 317391
Sub Alias Name: BENZ(e)ACEPHENANTHRYLENE
Substance Alias ID: 317392
Sub Alias Name: BENZFLUORANTHENE,3,4-
Substance Alias ID: 317393
Sub Alias Name: BENZOFLUORANTHENE,2,3-
Substance Alias ID: 317394
Sub Alias Name: BENZOFLUORANTHENE,3,4-
Comment ID: 305533
Release Code: Media Contamination Footnote
Release Comments: Highest soil concentration encountered in Boring B-3. Highest groundwater concentration encountered in Boring B-2
Decode for Relcomcd: Media Contamination Footnote
Comment ID: 305534
Release Code: Data Sources
Release Comments: August 2011 Parametrix Phase II ESA
Decode for Relcomcd: Data Sources
Sampling Result ID: 350535
Feature Id: 0
Hazard Release Id: 388043
Medium: 703
Substance Abbrev.: 0
Unit Code: 7

BALZER PACIFIC EQUIPMENT CO. STORAGE LOT (Continued) **S112231357**

Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: 3 ft bgs
Start Date: 04/27/2011
End Date: 04/27/2011
Min Concentration: Not reported
Max Concentration: 154.00
Sample Comment: up to 154 ppm
Last Update By: KDANA
Update Date: 04/10/2013
Decode for MediumID: Soil
Sampling Result ID: 350551
Feature Id: 0
Hazard Release Id: 388043
Medium: 698
Substance Abbrev.: 0
Unit Code: 8
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: 20-30 ft bgs
Start Date: 04/27/2011
End Date: 04/27/2011
Min Concentration: Not reported
Max Concentration: .27
Sample Comment: up to 0.273 ppb
Last Update By: KDANA
Update Date: 04/10/2013
Decode for MediumID: Groundwater

Substance ID.: 121196
Haz Release ID: 388044
Qty Released: unknown
Date Released: unknown
Update Date: 04/10/2013
Update By: KDANA
Substance Code: 207-08-9
Substance Name: BENZO(k)FLUORANTHENE
Substance Abbrev.: Not reported
Substance Category ID: 8478
Substance Category: Semi-volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8478
Substance Category: Semi-volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 317400
Sub Alias Name: B(k)F
Substance Alias ID: 317401
Sub Alias Name: BENZOFLUORANTHENE,11,12-
Comment ID: 305531
Release Code: Media Contamination Footnote
Release Comments: Highest soil concentration encountered in Boring B-3

BALZER PACIFIC EQUIPMENT CO. STORAGE LOT (Continued) **S112231357**

Decode for Relcomcd: Media Contamination Footnote
Comment ID: 305532
Release Code: Data Sources
Release Comments: August 2011 Parametrix Phase II ESA
Decode for Relcomcd: Data Sources
Sampling Result ID: 350536
Feature Id: 0
Hazard Release Id: 388044
Medium: 703
Substance Abbrev.: 0
Unit Code: 7
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: 3 ft bgs
Start Date: 04/27/2011
End Date: 04/27/2011
Min Concentration: Not reported
Max Concentration: 38.70
Sample Comment: up to 38.7 ppm
Last Update By: KDANA
Update Date: 04/10/2013
Decode for MediumID: Soil

Substance ID.: 121210
Haz Release ID: 388045
Qty Released: unknown
Date Released: unknown
Update Date: 04/10/2013
Update By: KDANA
Substance Code: 218-01-9
Substance Name: CHRYSENE
Substance Abbrev.: Not reported
Substance Category ID: 8481
Substance Category: Semi-volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8481
Substance Category: Semi-volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 317438
Sub Alias Name: BENZ(a)PHENANTHRENE
Substance Alias ID: 317439
Sub Alias Name: BENZPHENANTHRENE,1,2-
Substance Alias ID: 317440
Sub Alias Name: DIBENZONAPHTHALENE,1,2,5,6-
Comment ID: 305529
Release Code: Media Contamination Footnote
Release Comments: Highest soil concentration encountered in Boring B-3. Highest groundwater concentration encountered in Boring B-2
Decode for Relcomcd: Media Contamination Footnote
Comment ID: 305530
Release Code: Data Sources
Release Comments: August 2011 Parametrix Phase II ESA

BALZER PACIFIC EQUIPMENT CO. STORAGE LOT (Continued) **S112231357**

Decode for Relcomcd: Data Sources
Sampling Result ID: 350537
Feature Id: 0
Hazard Release Id: 388045
Medium: 703
Substance Abbrev.: 0
Unit Code: 7
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: 3 ft bgs
Start Date: 04/27/2011
End Date: 04/27/2011
Min Concentration: Not reported
Max Concentration: 103.00
Sample Comment: up to 103 ppm
Last Update By: KDANA
Update Date: 04/10/2013
Decode for MediumID: Soil
Sampling Result ID: 350553
Feature Id: 0
Hazard Release Id: 388045
Medium: 698
Substance Abbrev.: 0
Unit Code: 8
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: 20-30 ft bgs
Start Date: 04/27/2011
End Date: 04/27/2011
Min Concentration: Not reported
Max Concentration: .18
Sample Comment: up to 0.179 ppb
Last Update By: KDANA
Update Date: 04/10/2013
Decode for MediumID: Groundwater

Substance ID.: 121415
Haz Release ID: 388046
Qty Released: unknown
Date Released: unknown
Update Date: 04/10/2013
Update By: KDANA
Substance Code: 53-70-3
Substance Name: DIBENZO(a,h)ANTHRACENE
Substance Abbrev.: Not reported
Substance Category ID: 8499
Substance Category: Semi-volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8499
Substance Category: Semi-volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002

BALZER PACIFIC EQUIPMENT CO. STORAGE LOT (Continued) **S112231357**

Substance Alias ID: 318667
Sub Alias Name: DB(a,h)A
Substance Alias ID: 318668
Sub Alias Name: DIBENZ(a,h)ANTHRACENE
Substance Alias ID: 318669
Sub Alias Name: DIBENZANTHRACENE,1,2-5,6-
Substance Alias ID: 318670
Sub Alias Name: DIBENZANTHRACENE,1,2:5,6-
Comment ID: 305527
Release Code: Media Contamination Footnote
Release Comments: Highest soil concentration encountered in Boring B-3. Highest groundwater concentration encountered in Boring B-2
Decode for Relcomcd: Media Contamination Footnote
Comment ID: 305528
Release Code: Data Sources
Release Comments: August 2011 Parametrix Phase II ESA
Decode for Relcomcd: Data Sources
Sampling Result ID: 350538
Feature Id: 0
Hazard Release Id: 388046
Medium: 703
Substance Abbrev.: 0
Unit Code: 7
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: 3 ft bgs
Start Date: 04/27/2011
End Date: 04/27/2011
Min Concentration: Not reported
Max Concentration: 22.90
Sample Comment: up to 22.9 ppm
Last Update By: KDANA
Update Date: 04/10/2013
Decode for MediumID: Soil
Sampling Result ID: 350554
Feature Id: 0
Hazard Release Id: 388046
Medium: 698
Substance Abbrev.: 0
Unit Code: 8
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: 20-30 ft bgs
Start Date: 04/27/2011
End Date: 04/27/2011
Min Concentration: Not reported
Max Concentration: .06
Sample Comment: up to 0.0631 ppb
Last Update By: KDANA
Update Date: 04/10/2013
Decode for MediumID: Groundwater

Substance ID.: 121176
Haz Release ID: 388047
Qty Released: unknown

BALZER PACIFIC EQUIPMENT CO. STORAGE LOT (Continued) **S112231357**

Date Released: unknown
Update Date: 04/10/2013
Update By: KDANA
Substance Code: 193-39-5
Substance Name: INDENO(1,2,3-cd)PYRENE
Substance Abbrev.: Not reported
Substance Category ID: 8493
Substance Category: Semi-volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8493
Substance Category: Semi-volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 317339
Sub Alias Name: PHENYLENEPYRENE,2,3-
Substance Alias ID: 317340
Sub Alias Name: PHENYLENEPYRENE,o-
Comment ID: 305523
Release Code: Media Contamination Footnote
Release Comments: Highest soil concentration encountered in Boring B-3
Decode for Relcomcd: Media Contamination Footnote
Comment ID: 305524
Release Code: Data Sources
Release Comments: August 2011 Parametrix Phase II ESA
Decode for Relcomcd: Data Sources
Sampling Result ID: 350539
Feature Id: 0
Hazard Release Id: 388047
Medium: 703
Substance Abbrev.: 0
Unit Code: 7
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: 3 ft bgs
Start Date: 04/27/2011
End Date: 04/27/2011
Min Concentration: Not reported
Max Concentration: 93.10
Sample Comment: up to 93.1 ppm
Last Update By: KDANA
Update Date: 04/10/2013
Decode for MediumID: Soil

Substance ID.: 121664
Haz Release ID: 388218
Qty Released: unknown
Date Released: unknown
Update Date: 10/22/2014
Update By: KDANA
Substance Code: 7440-38-2
Substance Name: ARSENIC
Substance Abbrev.: Not reported
Substance Category ID: 8439

BALZER PACIFIC EQUIPMENT CO. STORAGE LOT (Continued) **S112231357**

Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8439
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 319286
Sub Alias Name: AS
Comment ID: 305654
Release Code: Media Contamination Footnote
Release Comments: Highest concentration encountered in Boring B-11.
Decode for Relcomcd: Media Contamination Footnote
Comment ID: 305655
Release Code: Data Sources
Release Comments: September 2014 URS Additional Data Gap Investigation
Decode for Relcomcd: Data Sources
Sampling Result ID: 350725
Feature Id: 0
Hazard Release Id: 388218
Medium: 703
Substance Abbrev.: 0
Unit Code: 7
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: 4.4 ft bgs
Start Date: 07/10/2014
End Date: 07/10/2014
Min Concentration: Not reported
Max Concentration: 27.00
Sample Comment: up to 27 ppm
Last Update By: KDANA
Update Date: 10/22/2014
Decode for MediumID: Soil

Substance ID.: 121623
Haz Release ID: 388219
Qty Released: unknown
Date Released: unknown
Update Date: 10/22/2014
Update By: KDANA
Substance Code: 74-82-8
Substance Name: METHANE
Substance Abbrev.: Not reported
Comment ID: 305657
Release Code: Data Sources
Release Comments: September 2014 URS Methane Investigation Report
Decode for Relcomcd: Data Sources
Comment ID: 305658
Release Code: Media Contamination Footnote
Release Comments: Highest concentration encountered in SG-3
Decode for Relcomcd: Media Contamination Footnote
Comment ID: 305659
Release Code: General Comments

BALZER PACIFIC EQUIPMENT CO. STORAGE LOT (Continued) **S112231357**

Release Comments: Air = soil gas
Decode for Relcomcd: General Comments
Sampling Result ID: 350727
Feature Id: 0
Hazard Release Id: 388219
Medium: 697
Substance Abbrev.: 0
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: 5-10 ft bgs
Start Date: 08/14/2014
End Date: 08/14/2014
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: up to 40.9 pbv
Last Update By: KDANA
Update Date: 10/22/2014
Decode for MediumID: Air

Narrative:

NARR ID: 5754218
NARR Code: Contamination
Created By: SFORTUN
Created Date: 10/01/2012
Updated By: KDANA
Updated Date: 12/07/2015
Decode for NarcdID: Contamination
NARR Comments: (12/02/2015 KPD/VCP) Parametrix advanced nine borings at the site in April 2011 as part of a Phase II Environmental Site Assessment for TriMet. Diesel-range and lube oil-range hydrocarbons were detected in most of the soil samples, along with PAHs. The same contaminants were also detected in groundwater 30 feet below ground surface. Additional sampling was conducted by URS in July-August 2014. Composite surface soil samples were collected from across the site, finding diesel and oil and elevated concentrations of arsenic, lead, and PAHs. High levels of methane were also detected in two soil gas sample locations. Not reported

NARR ID: 5754219
NARR Code: Data Sources
Created By: SFORTUN
Created Date: 10/01/2012
Updated By: KDANA
Updated Date: 03/02/2015
Decode for NarcdID: Data Sources
NARR Comments: 1) Parametrix <quot>Phase II Environmental Site Assessment<quot> [August 2, 2011]. 2) URS <quot>Expanded Preliminary Assessment<quot> [April 28, 2014]. 3) URS <quot>Work Plan for Methane Investigation and Additional Data Gap Investigation<quot> [June 25, 2014]. 4) URS <quot>Additional Data Gap Investigation Report<quot> [September 17, 2014]. 5) URS <quot>Methane Investigation Report<quot> [September 17, 2014]. 6) AECOM <quot>Risk-Based Evaluation<quot> [February 24, 2015]. Not reported

NARR ID: 5754221
NARR Code: Hazardous Substance/Waste Types

BALZER PACIFIC EQUIPMENT CO. STORAGE LOT (Continued) **S112231357**

Created By: SFORTUN
Created Date: 10/02/2012
Updated By: KDANA
Updated Date: 10/22/2014
Decode for NarcdID: Hazardous Substance/Waste Types
NARR Comments: Diesel- and lube oil-range hydrocarbons; polycyclic aromatic hydrocarbons (PAHs); methane; arsenic and lead.

NARR ID: 5754587
NARR Code: Site Location
Created By: KDANA
Created Date: 04/11/2013
Updated By: KDANA
Updated Date: 03/25/2014
Decode for NarcdID: Site Location
NARR Comments: The site occupies a city block bordered by SE Sherman Street to the north and SE Caruthers Street to the south. The site encompasses the former SE 6th Avenue right-of-way on the west, and a Union Pacific rail line runs diagonally NW to SE on the east property line. Keller Supply Company formerly bordered the site on the west. The Grand Avenue viaduct lies 200 ft west of the site. The site address has also been given as 600-604 SE Sherman Street.

NARR ID: 5755075
NARR Code: Manner of Release
Created By: KDANA
Created Date: 04/01/2014
Updated By: KDANA
Updated Date: 04/01/2014
Decode for NarcdID: Manner of Release
NARR Comments: The manner and time of the contaminant releases are unknown. Notably, the site was only connected to municipal water and sewer systems in 1998. How these services were provided prior to 1998 is not known. The nearest stormwater inlet (catch basin) is 175 feet west of the site and was likely installed in 2011.

NARR ID: 5755758
NARR Code: Media Contamination
Created By: KDANA
Created Date: 08/13/2015
Updated By: KDANA
Updated Date: 08/13/2015
Decode for NarcdID: Media Contamination
NARR Comments: Soil, soil gas, and groundwater

NARR ID: 5754718
NARR Code: Site Ownership
Created By: KDANA
Created Date: 06/12/2013
Updated By: KDANA
Updated Date: 10/22/2014
Decode for NarcdID: Site Ownership
NARR Comments: TriMet condemned the property in May 2012 and officially became the site owner in July 2013. The site had previously been owned by Balzer Pacific Equipment Company since 1964.

NARR ID: 5755076

BALZER PACIFIC EQUIPMENT CO. STORAGE LOT (Continued) **S112231357**

NARR Code: Pathways Other Hazards
Created By: KDANA
Created Date: 04/01/2014
Updated By: KDANA
Updated Date: 04/01/2014
Decode for NarcdID: Pathways & Other Hazards
NARR Comments: The site sits atop 30 feet of wood waste fill. Groundwater (approx. 20-30 ft bgs) likely flows either west toward the Willamette River (1,100 ft from the site) or northwest along the former Stephen's Slough. The site and surrounding areas are zoned General Industrial 1 (IG1) by the City of Portland.

NARR ID: 5754717
NARR Code: Remedial Action
Created By: KDANA
Created Date: 06/12/2013
Updated By: KDANA
Updated Date: 12/07/2015
Decode for NarcdID: Remedial Action
NARR Comments: (12/02/2015 KPD/VCP) Contractors for TriMet demolished the two on-site buildings in October 2012. In February 2013, approximately 2,500 cubic yards of soil were excavated to a depth of 4 ft bgs along the light rail alignment. The soil was shipped to the Hillsboro Landfill for disposal. The excavated area was backfilled with 2<quot> x 4<quot> cobble rock. An additional 270 cubic yards of soil was later excavated for a stormwater swale along the south edge of the alignment. The soil was also taken to the Hillsboro Landfill. Construction activities at the site were completed by the end of 2014. An Easement & Equitable Servitudes (EES) was recorded on the property deed in October 2015, requiring maintenance of the existing gravel cover and site fencing prior to redevelopment, approval by DEQ of methane engineering controls and a Contaminated Media Management Plan prior to construction, and eventual capping of the site with buildings and/or three feet of clean soil.

NARR ID: 5754588
NARR Code: Site History
Created By: KDANA
Created Date: 04/11/2013
Updated By: KDANA
Updated Date: 09/22/2015
Decode for NarcdID: Site History
NARR Comments: Stephen's Slough, a 30-foot deep gulch, originally covered most of the site, and extended northwest to the Willamette River. Beginning around 1900, the gulch was filled in with sawdust and other wood wastes, most likely from the Inman Poulsen lumber mill two blocks west of the site. The site was identified on Sanborn maps as a wood yard in 1924 and 1950. Those same years, the Holman Fuel Company bordered the site to the south (across Caruthers Street). A small fuel warehouse was present on the SW corner of the site in the early 1950s. Balzer Pacific Equipment Company occupied the site beginning in 1964, and used it for the assembly and repair of mining and construction equipment. (Balzer manufactured the equipment at another site in Portland). Two buildings, a warehouse and a shop, were constructed in the southeast corner of the site in 1964 and 1970, respectively. TriMet obtained possession of the site through condemnation in May 2012 for construction of the Portland-Milwaukie

BALZER PACIFIC EQUIPMENT CO. STORAGE LOT (Continued) **S112231357**

Light Rail line, and became the site owner in July 2013. TriMet demolished the on-site structures in October 2012, and the rail alignment was constructed across the northern portion of the site in 2013-14.

Site Control:

Site Control #: 991
Control Number: 3
Begin Date: 10/16/2015
End Date: Not reported
Frequency Of Review: 0
Last Reviewed By: K. Dana
Last Reviewed Date: Not reported
Last Update By: KDANA
Last Updated Date: 12/07/2015
Site Comment: Maintain existing fencing and gravel cover prior to development; prepare a CMMP prior to construction; incorporate methane engineering controls into new development; cap site upon completion of redevelopment.

Site Control #: 992
Control Number: 29
Begin Date: 10/16/2015
End Date: Not reported
Frequency Of Review: 0
Last Reviewed By: K. Dana
Last Reviewed Date: Not reported
Last Update By: KDANA
Last Updated Date: 12/07/2015
Site Comment: Owner must maintain the existing aggregate gravel cover on and fencing around the Property as temporary engineering controls to prohibit unauthorized entry to the Property and limit exposure to contaminants on the Property.

Site Control #: 993
Control Number: 27
Begin Date: 10/16/2015
End Date: Not reported
Frequency Of Review: 0
Last Reviewed By: K. Dana
Last Reviewed Date: Not reported
Last Update By: KDANA
Last Updated Date: 12/07/2015
Site Comment: Owner must prepare and submit to DEQ detailed drawings of engineering controls to be implemented to inhibit the concentration of methane prior to implementing any improvements to the Property. Improvements to the Property, including but not limited to buildings, paved surfaces, and subsurface utility lines, may not be implemented except upon prior written approval of the methane engineering controls by DEQ.

Site Control #: 994
Control Number: 36
Begin Date: 10/16/2015
End Date: Not reported
Frequency Of Review: 0
Last Reviewed By: K. Dana
Last Reviewed Date: Not reported

BALZER PACIFIC EQUIPMENT CO. STORAGE LOT (Continued) **S112231357**

Last Update By: KDANA
Last Updated Date: 12/07/2015
Site Comment: Owner must ensure that occupants of the Property not come into direct contact with contaminated soils. Prior to occupancy of the Property, all soils not covered by buildings must be covered by an engineered cap and/or three feet of clean soil.

Administrative Action:
Action ID: 9424
Region: Not reported
Complete Date: 10/01/2012
Rank Value: Not reported
Cleanup Flag: False
Created Date: 10/01/2012
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Administrative Action
Action Code Flag: False
Action: Site added to database
Further Action: Not reported
Comments: Not reported

Action ID: 9498
Region: Northwestern Region
Complete Date: 10/02/2012
Rank Value: Not reported
Cleanup Flag: False
Created Date: 10/03/2012
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Listing Action
Action Code Flag: False
Action: Proposal for Confirmed Release List recommended
Further Action: 0
Comments: Not reported

Action ID: 9506
Region: Northwestern Region
Complete Date: 11/01/2012
Rank Value: Not reported
Cleanup Flag: False
Created Date: 12/17/2012
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Site Investigation recommended (SI)
Further Action: High
Comments: Not reported

Action ID: 9521
Region: Northwestern Region
Complete Date: 11/01/2012
Rank Value: Not reported
Cleanup Flag: False
Created Date: 12/17/2012
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region

BALZER PACIFIC EQUIPMENT CO. STORAGE LOT (Continued) **S112231357**

Category: Remedial Action
Action Code Flag: False
Action: OPTN
Further Action: 0
Comments: Not reported

Action ID: 9425
Region: Northwestern Region
Complete Date: 06/12/2013
Rank Value: Not reported
Cleanup Flag: False
Created Date: 03/18/2013
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: SITE EVALUATION
Further Action: 0
Comments: Not reported

Action ID: 9459
Region: Northwestern Region
Complete Date: 06/12/2013
Rank Value: Not reported
Cleanup Flag: False
Created Date: 04/01/2014
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: PRELIMINARY ASSESSMENT EQUIVALENT
Further Action: 0
Comments: Not reported

Action ID: 9520
Region: Northwestern Region
Complete Date: 05/15/2014
Rank Value: Not reported
Cleanup Flag: False
Created Date: 04/01/2014
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: EXPANDED PRELIMINARY ASSESSMENT
Further Action: 0
Comments: Not reported

Action ID: 9484
Region: Northwestern Region
Complete Date: 03/12/2015
Rank Value: Not reported
Cleanup Flag: False
Created Date: 06/11/2014
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action

BALZER PACIFIC EQUIPMENT CO. STORAGE LOT (Continued) **S112231357**

Action Code Flag: False
Action: REMEDIAL INVESTIGATION
Further Action: 0
Comments: Not reported

Action ID: 9465
Region: Northwestern Region
Complete Date: 09/22/2015
Rank Value: Not reported
Cleanup Flag: False
Created Date: 12/01/2015
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Listing Action
Action Code Flag: False
Action: Facility proposed for Confirmed Release List
Further Action: 0
Comments: Not reported

Action ID: 9467
Region: Northwestern Region
Complete Date: 09/22/2015
Rank Value: Not reported
Cleanup Flag: False
Created Date: 12/01/2015
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Listing Action
Action Code Flag: False
Action: Facility proposed for Inventory
Further Action: 0
Comments: Not reported

Action ID: 9413
Region: Northwestern Region
Complete Date: 12/06/2015
Rank Value: Not reported
Cleanup Flag: False
Created Date: 12/07/2015
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Closeout activities on completed project
Further Action: 0
Comments: Not reported

Action ID: 9411
Region: Northwestern Region
Complete Date: 12/06/2015
Rank Value: Not reported
Cleanup Flag: False
Created Date: 12/07/2015
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False

BALZER PACIFIC EQUIPMENT CO. STORAGE LOT (Continued) **S112231357**

Action: No Further Action (Conditional)
Further Action: 0
Comments: Not reported

Action ID: 9434
Region: Northwestern Region
Complete Date: Not reported
Rank Value: Not reported
Cleanup Flag: False
Created Date: 12/08/2015
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Institutional Control
Further Action: 0
Comments: Not reported

Action ID: 9438
Region: Northwestern Region
Complete Date: 12/02/2015
Rank Value: Not reported
Cleanup Flag: False
Created Date: 12/08/2015
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Listing Action
Action Code Flag: False
Action: Facility placed on Confirmed Release List
Further Action: 0
Comments: Not reported

Action ID: 9439
Region: Northwestern Region
Complete Date: 12/02/2015
Rank Value: Not reported
Cleanup Flag: False
Created Date: 12/08/2015
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Listing Action
Action Code Flag: False
Action: Facility placed on Inventory
Further Action: 0
Comments: Not reported

Operations:
Operation Id: 135916
Operation Status: Inactive
Common Name: Balzer Pacific Equipment Co.
Yrs of Operation: 1964 - 2012
Comments: Assembly and repair of heavy equipment
Updated Date: 03/02/2015
Updated By: KDANA
Decode for OpstatID: Inactive
Operations SIC Id: 199353
SIC Code: 5082
Created By: SFORTUN

BALZER PACIFIC EQUIPMENT CO. STORAGE LOT (Continued) **S112231357**

Created Date: 10/02/2012

Enginering Control:

Site Control Sequence #: 993
Site Id: 5753
Control Sequence #: 27
Begin Date: 10/16/2015
End Date: Not reported
Frequency Of Review: 0
Last Reviewed By: K. Dana
Last Review Date: Not reported
Last Updated By: KDANA
Last Updated Date: 12/07/2015
Group Sequence #: 6
Control Code: SVP
Control Description: Soil venting, passive
FK Type Code: 2
Group Code: LTC
Group Description: Long-Term Controls
Type Code: E
Type Description: Engineering
Comments: Owner must prepare and submit to DEQ detailed drawings of engineering controls to be implemented to inhibit the concentration of methane prior to implementing any improvements to the Property. Improvements to the Property, including but not limited to buildings, paved surfaces, and subsurface utility lines, may not be implemented except upon prior written approval of the methane engineering controls by DEQ.

Site Control Sequence #: 992
Site Id: 5753
Control Sequence #: 29
Begin Date: 10/16/2015
End Date: Not reported
Frequency Of Review: 0
Last Reviewed By: K. Dana
Last Review Date: Not reported
Last Updated By: KDANA
Last Updated Date: 12/07/2015
Group Sequence #: 7
Control Code: FAB
Control Description: Fencing or other access barriers
FK Type Code: 2
Group Code: SM
Group Description: Security Measures
Type Code: E
Type Description: Engineering
Comments: Owner must maintain the existing aggregate gravel cover on and fencing around the Property as temporary engineering controls to prohibit unauthorized entry to the Property and limit exposure to contaminants on the Property.

Site Control Sequence #: 994
Site Id: 5753
Control Sequence #: 36
Begin Date: 10/16/2015
End Date: Not reported

BALZER PACIFIC EQUIPMENT CO. STORAGE LOT (Continued) **S112231357**

Frequency Of Review: 0
Last Reviewed By: K. Dana
Last Review Date: Not reported
Last Updated By: KDANA
Last Updated Date: 12/07/2015
Group Sequence #: 9
Control Code: CPE
Control Description: Cap, engineered
FK Type Code: 2
Group Code: SB
Group Description: Surface Barriers
Type Code: E
Type Description: Engineering
Comments: Owner must ensure that occupants of the Property not come into direct contact with contaminated soils. Prior to occupancy of the Property, all soils not covered by buildings must be covered by an engineered cap and/or three feet of clean soil.

Institutional Control:
Site Control Sequence #: 991
Site Id: 5753
Control Sequence #: 3
Begin Date: 10/16/2015
End Date: Not reported
Frequency Of Review: 0
Last Reviewed By: K. Dana
Last Review Date: Not reported
Last Updated By: KDANA
Last Updated Date: 12/07/2015
Group Sequence #: 2
Control Code: EES
Control Description: Easement Equitable Servitude
FK Type Code: 1
Group Code: PR
Group Description: Proprietary
Type Code: I
Type Description: Institutional
Comments: Maintain existing fencing and gravel cover prior to development; prepare a CMMP prior to construction; incorporate methane engineering controls into new development; cap site upon completion of redevelopment.

VCS:
ECS Site ID: 5753
Facility Size: 0.86 acres
Action: No Further Action (Conditional)
Start Date: 12/06/2015
End Date: 12/06/2015
Facility Status: Completed
Program: VCP
Latitude: 45.5062
Longitude: -122.6596

418
NNE
1/2-1
0.812 mi.
4286 ft.

JANTZEN PARK - NE PORTLAND
541 NE 20TH AVE.
PORTLAND, OR 97232

OR ECSI **S113703059**
OR BROWNFIELDS **N/A**

Relative:
Higher

Actual:
142 ft.

ECSI:

State ID Number:	5816
Brown ID:	Brownfield Site - DEQ Tech Assistance
Study Area:	False
Region ID:	2
Legislatve ID:	0
Investigation:	Suspect
FACA ID:	127999
Further Action:	0
Lat/Long (dms):	45 31 37.60 / -122 38 44.90
County Code:	26.00
Score Value:	Not reported
Cerclis ID:	Not reported
Township Coord.:	1.00
Township Zone:	N
Range Coord:	1.00
Range Zone:	E
Section Coord:	35
Qtr Section:	Not reported
Tax Lots:	Not reported
Size:	Approx. 2.5 acres
NPL:	False
Orphan:	False
Updated By:	GWISTAR
Update Date:	05/20/2013
Created Date:	05/16/2013
Decode For RegionID:	Northwest Region
Decode For BrownID:	Brownfield Site - DEQ Technical Assistance
Decode For Furtheract:	Not reported
Decode For Investstat:	Suspect
Decode For Legislative:	Not reported
Alias Name:	Columbia Gorge Motor Freight

Narrative:

NARR ID:	5754682
NARR Code:	Contamination
Created By:	GWISTAR
Created Date:	05/16/2013
Updated By:	GWISTAR
Updated Date:	05/16/2013
Decode for NarcdID:	Contamination
NARR Comments:	(5/16/13 GMW/PPA) The site came to DEQ's attention as a result of a Prospective Purchaser Agreement application for three adjacent properties with a commmercial/industrial past. Potential contamination concerns include: 1) a former dry cleaning storage tank on the 541 NE 20th Ave. property; 2) a previously decommissioned heating oil underground storage tank on the west side of this property; and 3) an historical gasoline underground storage tank system on the 518 NE 20th Ave. property.

NARR ID:	5754683
NARR Code:	General Site Description
Created By:	GWISTAR
Created Date:	05/16/2013

JANTZEN PARK - NE PORTLAND (Continued) **S113703059**

Updated By: GWISTAR
Updated Date: 05/16/2013
Decode for NarcdID: General Site Description
NARR Comments: The properties are located on approximately 2.5 acres in a mixed commercial and industrial NE Portland neighborhood. The site is comprised of a West Parcel (541 NE 20th Ave.) and an East Parcel (518 NE 20th Ave. and 2035 NE Glisan Street). The West Parcel was developed in 1929 with the Jantzen Park Building that was used as a textile manufacturer, and included dry cleaning, dyeing and machine shop operations. Columbia Gorge Motor Freight occupied the East Parcel from 1943 through 1950 and reportedly operated an on-site gasoline pump station. A number of environmental investigations have been conducted since the late 1980s. A 12,000-gallon heating oil tank was removed in 1989 along with approximately 30 cubic yards of impacted soil.

NARR ID: 5754681
NARR Code: Site Location
Created By: GWISTAR
Created Date: 05/16/2013
Updated By: GWISTAR
Updated Date: 05/16/2013
Decode for NarcdID: Site Location
NARR Comments: Site also includes addresses of 518 NE 20th Ave., and 2035 NE Glisan St.

NARR ID: 5754684
NARR Code: Remedial Action
Created By: GWISTAR
Created Date: 05/16/2013
Updated By: GWISTAR
Updated Date: 05/16/2013
Decode for NarcdID: Remedial Action
NARR Comments: (5/16/13 GMW/PPA) PPA negotiations with a potential buyer for the site are underway.

Administrative Action:
Action ID: 9424
Region: Not reported
Complete Date: 05/16/2013
Rank Value: Not reported
Cleanup Flag: False
Created Date: 05/16/2013
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Administrative Action
Action Code Flag: False
Action: Site added to database
Further Action: Not reported
Comments: Not reported

Action ID: 9464
Region: Northwestern Region
Complete Date: Not reported
Rank Value: Not reported
Cleanup Flag: False
Created Date: 05/16/2013
Decode for AgencyID: Department of Environmental Quality

JANTZEN PARK - NE PORTLAND (Continued) **S113703059**

Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Prospective Purchaser Agreement
Further Action: 0
Comments: Not reported

Action ID: 9508
Region: Northwestern Region
Complete Date: 06/12/2013
Rank Value: Not reported
Cleanup Flag: False
Created Date: 06/12/2013
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Site Screening recommended (EV)
Further Action: 0
Comments: Not reported

OR BROWNFIELDS:
Geolocation Id: 127999
Status: Site Screening recommended (EV)
Lat/Long: 45.5271 / -122.645

419
ENE
1/2-1
0.837 mi.
4422 ft.

SINCLAIR & VALENTINE
2700 SE ANKENY ST
PORTLAND, OR 97214

SEMS-ARCHIVE **1003880248**
OR ECSI **ORD980639587**
OR LUST
OR VCP

Relative:
Higher

Actual:
152 ft.

SEMS Archive:
Site ID: 1000475
EPA ID: ORD980639587
Cong District: 03
FIPS Code: 41051
FF: N
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information
Latitude: 45.5225
Longitude: -122.636944

SEMS Archive Detail:
Region: 10
Site ID: 1000475
EPA ID: ORD980639587
Site Name: SINCLAIR & VALENTINE
NPL: N
FF: N
OU: 00
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 1988-03-10 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

SINCLAIR & VALENTINE (Continued) **1003880248**

Region:	10
Site ID:	1000475
EPA ID:	ORD980639587
Site Name:	SINCLAIR & VALENTINE
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	2
Start Date:	1988-03-10 05:00:00
Finish Date:	1988-03-10 05:00:00
Qual:	N
Current Action Lead:	EPA Perf

Region:	10
Site ID:	1000475
EPA ID:	ORD980639587
Site Name:	SINCLAIR & VALENTINE
NPL:	N
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1981-06-01 04:00:00
Finish Date:	1981-06-01 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	10
Site ID:	1000475
EPA ID:	ORD980639587
Site Name:	SINCLAIR & VALENTINE
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	1987-09-30 04:00:00
Finish Date:	1987-09-30 04:00:00
Qual:	H
Current Action Lead:	St Perf

ECSI:

State ID Number:	162
Brown ID:	0
Study Area:	False
Region ID:	2
Legislatve ID:	831
Investigation:	No Further Action
FACA ID:	34673
Further Action:	0
Lat/Long (dms):	45 31 18.80 / -122 38 16.80
County Code:	26.00

SINCLAIR & VALENTINE (Continued) **1003880248**

Score Value: Not reported
Cerclis ID: 980639587
Township Coord.: 1.00
Township Zone: N
Range Coord: 1.00
Range Zone: E
Section Coord: 36
Qtr Section: Not reported
Tax Lots: 1
Size: Not reported
NPL: False
Orphan: False
Updated By: GWISTAR
Update Date: 05/02/2006
Created Date: 04/13/1988
Decode For RegionID: Northwest Region
Decode For BrownID: Not reported
Decode For Furtheract: Not reported
Decode For Investstat: No Further Action
Decode For Legislative: Owner, operator or other party under agreement, order or consent decree under ORS 465.200 or 465.420
Alias Name: Martin Marietta

Hazardous Release:
Substance ID.: 121643
Haz Release ID: 385637
Qty Released: Unknown
Date Released: Unknown
Update Date: 04/13/1988
Update By: Not reported
Substance Code: 7439-97-6
Substance Name: MERCURY
Substance Abbrev.: Not reported
Substance Category ID: 8467
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8467
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 319260
Sub Alias Name: HG
Substance Alias ID: 319261
Sub Alias Name: HYDRARGYRUM
Substance Alias ID: 319262
Sub Alias Name: LIQUID SILVER
Substance Alias ID: 319263
Sub Alias Name: QUICKSILVER
Comment ID: 303107
Release Code: Data Sources
Release Comments: DEQ CERCLIS file
Decode for Relcomcd: Data Sources
Sampling Result ID: 346013
Feature Id: Not reported
Hazard Release Id: 385637

SINCLAIR & VALENTINE (Continued) **1003880248**

Medium: 703
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: False
Sample Depth: Not reported
Start Date: Not reported
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: 0.34 ppm
Last Update By: CONV
Update Date: 09/13/1994
Decode for MediumID: Soil

Substance ID.: 121664
Haz Release ID: 382858
Qty Released: Unknown
Date Released: Unknown
Update Date: 04/13/1988
Update By: Not reported
Substance Code: 7440-38-2
Substance Name: ARSENIC
Substance Abbrev.: Not reported
Substance Category ID: 8439
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8439
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 319286
Sub Alias Name: AS
Comment ID: 303108
Release Code: Data Sources
Release Comments: DEQ CERCLIS file
Decode for Relcomcd: Data Sources
Sampling Result ID: 345188
Feature Id: Not reported
Hazard Release Id: 382858
Medium: 703
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: False
Sample Depth: Not reported
Start Date: Not reported
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: 6.8 ppm
Last Update By: CONV

SINCLAIR & VALENTINE (Continued) **1003880248**

Update Date: 09/13/1994
Decode for MediumID: Soil

Substance ID.: 121639
Haz Release ID: 382859
Qty Released: Unknown
Date Released: Unknown
Update Date: 04/13/1988
Update By: Not reported
Substance Code: 7439-92-1
Substance Name: LEAD
Substance Abbrev.: Not reported
Substance Category ID: 8466
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8466
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 319256
Sub Alias Name: PB
Comment ID: 303106
Release Code: Data Sources
Release Comments: DEQ CERCLIS file
Decode for Relcomcd: Data Sources
Sampling Result ID: 347003
Feature Id: Not reported
Hazard Release Id: 382859
Medium: 703
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: False
Sample Depth: Not reported
Start Date: Not reported
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: 430 ppm
Last Update By: CONV
Update Date: 09/13/1994
Decode for MediumID: Soil

Substance ID.: 121671
Haz Release ID: 382860
Qty Released: Unknown
Date Released: Unknown
Update Date: 04/13/1988
Update By: Not reported
Substance Code: 7440-47-3
Substance Name: CHROMIUM
Substance Abbrev.: Not reported
Substance Category ID: 8462

SINCLAIR & VALENTINE (Continued) **1003880248**

Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8462
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 318145
Sub Alias Name: CHROMIUM, INORGANIC
Substance Alias ID: 319294
Sub Alias Name: CHROMIUM, TOTAL
Comment ID: 303111
Release Code: Data Sources
Release Comments: DEQ CERCLIS file
Decode for Relcomcd: Data Sources
Sampling Result ID: 346776
Feature Id: Not reported
Hazard Release Id: 382860
Medium: 703
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: False
Sample Depth: Not reported
Start Date: Not reported
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: 28 ppm
Last Update By: CONV
Update Date: 09/13/1994
Decode for MediumID: Soil

Substance ID.: 121668
Haz Release ID: 382861
Qty Released: Unknown
Date Released: Unknown
Update Date: 04/13/1988
Update By: Not reported
Substance Code: 7440-43-9
Substance Name: CADMIUM
Substance Abbrev.: Not reported
Substance Category ID: 8460
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8460
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 319291
Sub Alias Name: CD

SINCLAIR & VALENTINE (Continued) **1003880248**

Comment ID: 303110
Release Code: Data Sources
Release Comments: DEQ CERCLIS file
Decode for Relcomcd: Data Sources
Sampling Result ID: 346012
Feature Id: Not reported
Hazard Release Id: 382861
Medium: 703
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: False
Sample Depth: Not reported
Start Date: Not reported
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: 11 ppm
Last Update By: CONV
Update Date: 09/13/1994
Decode for MediumID: Soil

Substance ID.: 121665
Haz Release ID: 382862
Qty Released: Unknown
Date Released: Unknown
Update Date: 04/13/1988
Update By: Not reported
Substance Code: 7440-39-3
Substance Name: BARIUM
Substance Abbrev.: Not reported
Substance Category ID: 8458
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8458
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 319287
Sub Alias Name: BA
Comment ID: 303109
Release Code: Data Sources
Release Comments: DEQ CERCLIS file
Decode for Relcomcd: Data Sources
Sampling Result ID: 346011
Feature Id: Not reported
Hazard Release Id: 382862
Medium: 703
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: False

SINCLAIR & VALENTINE (Continued) **1003880248**

Sample Depth: Not reported
Start Date: Not reported
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: 320 ppm
Last Update By: CONV
Update Date: 09/13/1994
Decode for MediumID: Soil

Narrative:
NARR ID: 5730263
NARR Code: Data Sources
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Data Sources
NARR Comments: CERCLIS file.

NARR ID: 5730264
NARR Code: Hazardous Substance/Waste Types
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Hazardous Substance/Waste Types
NARR Comments: solvents, oils, heavy metals (lead, chromium, barium, cadmium, mercury)

NARR ID: 5730265
NARR Code: Site Location
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Site Location
NARR Comments: Corner of SE 27th and Ankeny

NARR ID: 5730266
NARR Code: Manner of Release
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Manner of Release
NARR Comments: Heating oil UST release April 2000. UST #26-00-0423.

NARR ID: 5730267
NARR Code: Site Ownership
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Site Ownership
NARR Comments: Frye Industries, OWN, PRI,

NARR ID: 5730268

SINCLAIR & VALENTINE (Continued) **1003880248**

NARR Code: Remedial Action
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Remedial Action
NARR Comments: Sufficient data not available. Potential validated release/potential inventory site (PA inadequate). (6/13/00 ACV/VCP) Independent site investigation Spring 2000. No metals or VOCs above PRGs. HOT discovered and decommissioned by removal in April 2000. (12/28/00 ACV/VCP) No Further Action (NFA) issued in June 2000.

Permit:
Permit Agency: DEQ
Permit Number: 162
Permit Type: SW Disposal
Comments: Not reported

Administrative Action:
Action ID: 9440
Region: Northwestern Region
Complete Date: 12/09/1999
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Letter Agreement
Further Action: Not reported
Comments: Not reported

Action ID: 9520
Region: Northwestern Region
Complete Date: 06/12/2000
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: EXPANDED PRELIMINARY ASSESSMENT
Further Action: Not reported
Comments: Not reported

Action ID: 9435
Region: Northwestern Region
Complete Date: 06/12/2000
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Independent Cleanup Program

SINCLAIR & VALENTINE (Continued) **1003880248**

Further Action: Not reported
Comments: Not reported

Action ID: 9511
Region: Northwestern Region
Complete Date: 04/01/2000
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: SITE INVESTIGATION
Further Action: Not reported
Comments: Not reported

Action ID: 9443
Region: Northwestern Region
Complete Date: 06/12/2000
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: NO FURTHER STATE ACTION REQUIRED
Further Action: 0
Comments: Not reported

Action ID: 9506
Region: Not reported
Complete Date: 07/02/1989
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Remedial Action
Action Code Flag: False
Action: Site Investigation recommended (SI)
Further Action: Low
Comments: Not reported

Action ID: 9421
Region: Not reported
Complete Date: Not reported
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Environmental Protection Agency
Decode for RegionID: Not reported
Category: EPA Led Action
Action Code Flag: False
Action: Site added to CERCLIS
Further Action: Not reported

SINCLAIR & VALENTINE (Continued) **1003880248**

Comments: Not reported

Action ID: 9457
Region: Not reported
Complete Date: 09/29/1987
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Environmental Protection Agency
Decode for RegionID: Not reported
Category: EPA Led Action
Action Code Flag: False
Action: EPA Basic Preliminary Assessment
Further Action: Not reported
Comments: Not reported

Action ID: 9424
Region: Not reported
Complete Date: Not reported
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Administrative Action
Action Code Flag: False
Action: Site added to database
Further Action: Not reported
Comments: Not reported

Action ID: 9425
Region: Not reported
Complete Date: 06/30/1989
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Remedial Action
Action Code Flag: False
Action: SITE EVALUATION
Further Action: Not reported
Comments: Not reported

Action ID: 9437
Region: Not reported
Complete Date: 07/01/1989
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Listing Action
Action Code Flag: False
Action: Listing Review completed
Further Action: Not reported
Comments: Not reported

SINCLAIR & VALENTINE (Continued) **1003880248**

Action ID: 9449
Region: Not reported
Complete Date: Not reported
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Listing Action
Action Code Flag: False
Action: Insufficient information to list
Further Action: Not reported
Comments: Not reported

Action ID: 9458
Region: Not reported
Complete Date: 03/10/1988
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Environmental Protection Agency
Decode for RegionID: Not reported
Category: EPA Led Action
Action Code Flag: False
Action: EPA Preliminary Assessment 2
Further Action: Not reported
Comments: Not reported

Action ID: 9444
Region: Not reported
Complete Date: 02/10/1988
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Environmental Protection Agency
Decode for RegionID: Not reported
Category: EPA Led Action
Action Code Flag: False
Action: No Further Remedial Action Planned under Federal program
Further Action: Not reported
Comments: Not reported

Action ID: 9445
Region: Not reported
Complete Date: Not reported
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Listing Action
Action Code Flag: False
Action: Responsible party notified re 11/88 Inventory listing
Further Action: Not reported
Comments: Not reported

Operations:
Operation Id: 131571

SINCLAIR & VALENTINE (Continued) **1003880248**

Operation Status:	Active
Common Name:	Sinclair & Valentine
Yrs of Operation:	1965-1976
Comments:	Ink blending and manufacturing
Updated Date:	03/10/1995
Updated By:	jxh
Decode for OpstatID:	Active
Operations SIC Id:	195466
SIC Code:	2893
Created By:	Not reported
Created Date:	12/17/2002

LUST:

Region:	North Western Region
Facility ID:	26-00-0423
Cleanup Received Date:	03/30/2000
Cleanup Start Date:	03/30/2000
Cleanup Complete Date:	**06/12/2000**
Decode for Region:	**North West Region**

VCS:

ECS Site ID:	162
Facility Size:	Not reported
Action:	NO FURTHER STATE ACTION REQUIRED
Start Date:	06/12/2000
End Date:	06/12/2000
Facility Status:	Completed
Program:	ICP
Latitude:	45.5219
Longitude:	-122.638

420
NNW
1/2-1
0.860 mi.
4541 ft.

ROSE CITY PLATING I **OR ECSI** **S109346046**
777 NE MARTIN LUTHER KING, JR. BLVD. **N/A**
PORTLAND, OR 97232

Relative:
Higher

Actual:
97 ft.

ECSI:

State ID Number:	278
Brown ID:	0
Study Area:	False
Region ID:	2
Legislatve ID:	831
Investigation:	No Further Action
FACA ID:	5905
Further Action:	0
Lat/Long (dms):	45 31 40.80 / -122 39 45.70
County Code:	26.00
Score Value:	Not reported
Cerclis ID:	144987039
Township Coord.:	1.00
Township Zone:	N
Range Coord:	1.00
Range Zone:	E
Section Coord:	34
Qtr Section:	AD
Tax Lots:	100

ROSE CITY PLATING I (Continued) **S109346046**

Size: Not reported
NPL: False
Orphan: False
Updated By: GWISTAR
Update Date: 08/19/2008
Created Date: 08/03/1988
Decode For RegionID: Northwest Region
Decode For BrownID: Not reported
Decode For Furtheract: Not reported
Decode For Investstat: No Further Action
Decode For Legislative: Owner, operator or other party under agreement, order or consent decree under ORS 465.200 or 465.420
Alias Name: Oregon Convention Center
Alias Name: Portland Development Commission (PDC)
Alias Name: Frank Iron and Machine Works
Alias Name: General Machine Works
Alias Name: Tuerck-MacKenzie Machine Works
Alias Name: METRO

Hazardous Release:
Substance ID.: 121781
Haz Release ID: 385612
Qty Released: Unknown
Date Released: Unknown
Update Date: 03/08/1988
Update By: Not reported
Substance Code: 79-01-6
Substance Name: TRICHLOROETHYLENE
Substance Abbrev.: Not reported
Substance Category ID: 8523
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8545
Substance Category: Solvents of interest to Milwaukie Area GW study
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8523
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8545
Substance Category: Solvents of interest to Milwaukie Area GW study
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 317517
Sub Alias Name: ETHINYL TRICHLORIDE
Substance Alias ID: 317518
Sub Alias Name: ETHYLENE TRICHLORIDE
Substance Alias ID: 317519
Sub Alias Name: TCE
Substance Alias ID: 317520
Sub Alias Name: TRI-CLENE
Substance Alias ID: 317521

ROSE CITY PLATING I (Continued) **S109346046**

Sub Alias Name: TRICHLOROETHENE
Sampling Result ID: 346902
Feature Id: Not reported
Hazard Release Id: 385612
Medium: 698
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: False
Sample Depth: Not reported
Start Date: Not reported
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: 2.0 ppb
Last Update By: CONV
Update Date: 09/13/1994
Decode for MediumID: Groundwater

Substance ID.: 121552
Haz Release ID: 383026
Qty Released: Unknown
Date Released: Unknown
Update Date: 03/08/1988
Update By: Not reported
Substance Code: 630-20-6
Substance Name: TETRACHLOROETHANE,1,1,1,2-
Substance Abbrev.: Not reported
Substance Alias ID: 319031
Sub Alias Name: ETHANE,1,1,1,2-TETRACHLORO-
Sampling Result ID: 345176
Feature Id: Not reported
Hazard Release Id: 383026
Medium: 698
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: False
Sample Depth: Not reported
Start Date: Not reported
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: 65.0 ppb
Last Update By: CONV
Update Date: 09/13/1994
Decode for MediumID: Groundwater

Narrative:
NARR ID: 5728861
NARR Code: Contamination
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Contamination

ROSE CITY PLATING I (Continued) **S109346046**

NARR Comments: In 1987, the Portland Development Commission purchased approximately 17 city blocks in inner northeast Portland to make way for the Oregon Convention Center. Rose City Plating Works had been operating on one of those blocks since 1944. Investigations in 1988 found soil and groundwater contamination at the Rose City site. Soil contamination extended as much as 32 feet below the surface. Close to 1600 tons of contaminated soil and debris were removed from the site and properly disposed of. DEQ signed off on the cleanup, and construction of the convention center was completed in 1989. Rose City Plating, meanwhile, relocated its operations to 7884 SE 13th Ave., in the Sellwood district of Portland. (See ECSI #269 for more information on the Rose City Plating II site.)

NARR ID: 5728862
NARR Code: Data Sources
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Data Sources
NARR Comments: September 1988 Dames & Moore Final Remediation Report.

NARR ID: 5728863
NARR Code: Hazardous Substance/Waste Types
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Hazardous Substance/Waste Types
NARR Comments: heavy metals, cyanide, solvents

NARR ID: 5728864
NARR Code: Site Location
Created By: Not reported
Created Date: 12/17/2002
Updated By: GWISTAR
Updated Date: 08/19/2008
Decode for NarcdID: Site Location
NARR Comments: Rose City Plating was located at the northeast corner of NE 3rd Ave. and Irving St., with an original address of 700 NE 3rd Ave. The site is now part of the Oregon Convention Center, at 777 NE Martin Luther King, Jr. Blvd.

NARR ID: 5728865
NARR Code: Manner of Release
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Manner of Release
NARR Comments: Past practices; time of release unknown.

NARR ID: 5728866
NARR Code: Site Ownership
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported

ROSE CITY PLATING I (Continued) **S109346046**

Updated Date: 12/17/2002
Decode for NarcdID: Site Ownership
NARR Comments: The site at 700 NE 3rd was occupied as follows: 1897-1911 dwellings; 1911-1929 Tuerck-McKenzie Machine Works; 1929-1931 vacant; 1932-1933 General Machine Works; 1933-1935 vacant; 1935-1944 Frank Iron and Machine Works; 1944-1988 Rose City Plating Works; 1989-present Oregon Convention Center.

NARR ID: 5728867
NARR Code: Pathways Other Hazards
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Pathways & Other Hazards
NARR Comments: Soils at the site consist of a mixture of silts, sands, and gravels, generally grading from silts near the surface to gravels at depth. The water table is approximately 60 feet below the site; the groundwater flow direction appears to be to the south-southwest. The site is now completely built over/paved over.

NARR ID: 5728868
NARR Code: Remedial Action
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Remedial Action
NARR Comments: Soil contamination (heavy metals) and groundwater contamination (cyanide and solvents) were remediated to DEQ's satisfaction in 1989. No further remedial action is planned at this time.

Administrative Action:
Action ID: 9480
Region: Headquarters
Complete Date: 10/25/1988
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Remedial Action
Action Code Flag: False
Action: Federal Preliminary Assessment recommended
Further Action: Not reported
Comments: Not reported

Action ID: 9491
Region: Headquarters
Complete Date: 06/01/1989
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Remedial Action
Action Code Flag: False
Action: REMOVAL

ROSE CITY PLATING I (Continued) **S109346046**

Further Action: Not reported
Comments: Not reported

Action ID: 9421
Region: Not reported
Complete Date: Not reported
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Environmental Protection Agency
Decode for RegionID: Not reported
Category: EPA Led Action
Action Code Flag: False
Action: Site added to CERCLIS
Further Action: Not reported
Comments: Not reported

Action ID: 9425
Region: Headquarters
Complete Date: 10/25/1988
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Remedial Action
Action Code Flag: False
Action: SITE EVALUATION
Further Action: Not reported
Comments: Not reported

Action ID: 9424
Region: Headquarters
Complete Date: Not reported
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Administrative Action
Action Code Flag: False
Action: Site added to database
Further Action: Not reported
Comments: Not reported

Action ID: 9456
Region: Headquarters
Complete Date: 12/05/1988
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Remedial Action
Action Code Flag: False
Action: BASIC PRELIMINARY ASSESSEMENT
Further Action: Not reported

ROSE CITY PLATING I (Continued) **S109346046**

Comments: Not reported

Action ID: 9444
Region: Not reported
Complete Date: 12/05/1988
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Environmental Protection Agency
Decode for RegionID: Not reported
Category: EPA Led Action
Action Code Flag: False
Action: No Further Remedial Action Planned under Federal program
Further Action: Not reported
Comments: Not reported

Action ID: 9445
Region: Headquarters
Complete Date: Not reported
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Listing Action
Action Code Flag: False
Action: Responsible party notified re 11/88 Inventory listing
Further Action: Not reported
Comments: Not reported

Action ID: 9445
Region: Headquarters
Complete Date: Not reported
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Listing Action
Action Code Flag: False
Action: Responsible party notified re 11/88 Inventory listing
Further Action: Not reported
Comments: Not reported

Action ID: 9437
Region: Headquarters
Complete Date: 05/31/1989
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Listing Action
Action Code Flag: False
Action: Listing Review completed
Further Action: Not reported
Comments: Not reported

ROSE CITY PLATING I (Continued) **S109346046**

Action ID: 9443
Region: Headquarters
Complete Date: 06/01/1989
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Remedial Action
Action Code Flag: False
Action: NO FURTHER STATE ACTION REQUIRED
Further Action: Not reported
Comments: Not reported

Action ID: 9522
Region: Northwestern Region
Complete Date: 06/01/1989
Rank Value: Not reported
Cleanup Flag: False
Created Date: 08/05/2003
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Unilateral Order
Further Action: 0
Comments: Not reported

Operations:

Operation Id: 131701
Operation Status: Active
Common Name: Oregon Convention Center
Yrs of Operation: 1989 - present
Comments: convention center
Updated Date: 04/03/1995
Updated By: kpd
Decode for OpstatID: Active

Operation Id: 131702
Operation Status: Inactive
Common Name: Rose City Plating Works
Yrs of Operation: 1944-1988
Comments: metal plating
Updated Date: 04/03/1995
Updated By: kpd
Decode for OpstatID: Inactive
Operations SIC Id: 195911
SIC Code: 3471
Created By: Not reported
Created Date: 12/17/2002

Operation Id: 135163
Operation Status: Inactive
Common Name: Tuerck-MacKenzie Machine Works
Yrs of Operation: 1911 - 1929
Comments: Original owner/operator at site
Updated Date: 04/03/2006
Updated By: GWISTAR

ROSE CITY PLATING I (Continued) **S109346046**

Decode for OpstatID: Inactive

Operation Id: 135164
Operation Status: Inactive
Common Name: General Machine Works
Yrs of Operation: 1932-33
Comments: Not reported
Updated Date: 04/03/2006
Updated By: GWISTAR
Decode for OpstatID: Inactive

Operation Id: 135165
Operation Status: Inactive
Common Name: Frank Iron and Machine Works
Yrs of Operation: 1935-44
Comments: Not reported
Updated Date: 04/03/2006
Updated By: GWISTAR
Decode for OpstatID: Inactive

DL421 **PORTLAND GAS AND COKE** **EDR MGP** **1008408797**
South **2620 SE 9TH AVE** **N/A**
1/2-1 **PORTLAND, OR 97202**
0.893 mi.
4717 ft. **Site 1 of 2 in cluster DL**

Relative: Manufactured Gas Plants:
Lower No additional information available

Actual:
46 ft.

DL422 **CENTRAL SERVICE CENTER** **OR ECSI** **U000432123**
South **2630 SE 9TH AVE** **OR LUST** **N/A**
1/2-1 **PORTLAND, OR 97202** **OR UST**
0.899 mi. **OR BROWNFIELDS**
4748 ft. **Site 2 of 2 in cluster DL** **OR UIC**

Relative: ECSI:
Lower

Actual:
46 ft.

State ID Number: 1488
Brown ID: Brownfield Site - DEQ Tech Assistance
Study Area: False
Region ID: Not reported
Legislatve ID: 0
Investigation: No Further Action
FACA ID: 1791
Further Action: 260
Lat/Long (dms): 45 30 12.20 / -122 39 21.60
County Code: 26.00
Score Value: Not reported
Cerclis ID: Not reported
Township Coord.: 1.00
Township Zone: S
Range Coord: 1.00
Range Zone: E
Section Coord: 11
Qtr Section: BA

CENTRAL SERVICE CENTER (Continued) **U000432123**

Tax Lots: 6900, 7100, 7200
Size: 5.16 acres
NPL: False
Orphan: False
Updated By: KTHIESS
Update Date: 10/22/2018
Created Date: 01/05/1994
Decode For RegionID: Not reported
Decode For BrownID: Brownfield Site - DEQ Technical Assistance
Decode For Furtheract: Low
Decode For Investstat: No Further Action
Decode For Legislative: Not reported
Alias Name: NW Natural Gas
Alias Name: Northwest Natural Gas Co.
Alias Name: Northwest Natural Gas #71 Central Service Center
Alias Name: MGP

Hazardous Release:
Substance ID.: 121821
Haz Release ID: 386879
Qty Released: unknown
Date Released: unknown
Update Date: 09/08/2006
Update By: SFORTUN
Substance Code: 84-74-2
Substance Name: DI-n-BUTYL PHTHALATE
Substance Abbrev.: Not reported
Substance Alias ID: 317639
Sub Alias Name: BENZENEDICARBOXYLIC ACID,1,2-, DIBUTYL ESTER
Substance Alias ID: 317640
Sub Alias Name: BUTYL PHTHALATE
Substance Alias ID: 317641
Sub Alias Name: BUTYL PHTHALATE,n-
Substance Alias ID: 317642
Sub Alias Name: DBP
Substance Alias ID: 317643
Sub Alias Name: DIBUTYL PHTHALATE
Comment ID: 305070
Release Code: General Comments
Release Comments: The industrial soil preliminary remediation goal (PRG) for dibutylphthalate is 62,000 ppm. The residential soil PRG is 6,100 ppm.
Decode for Relcomcd: General Comments
Sampling Result ID: 348886
Feature Id: 0
Hazard Release Id: 386879
Medium: 703
Substance Abbrev.: 0
Unit Code: 7
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 04/22/1992
End Date: Not reported
Min Concentration: Not reported
Max Concentration: 9.70
Sample Comment: 9.7 ppm dibutylphthalate in surface soils at sampling point 18 (4/22/92).

CENTRAL SERVICE CENTER (Continued) **U000432123**

Last Update By: SFORTUN
Update Date: 09/08/2006
Decode for MediumID: Soil

Substance ID.: 120942
Haz Release ID: 386880
Qty Released: unknown
Date Released: unknown
Update Date: 09/08/2006
Update By: SFORTUN
Substance Code: 117-84-0
Substance Name: DI-n-OCTYL PHTHALATE
Substance Abbrev.: Not reported
Substance Alias ID: 316662
Sub Alias Name: BENZENEDICARBOXYLIC ACID,1,2-, DIOCTYL ESTER
Substance Alias ID: 316663
Sub Alias Name: BENZENEDICARBOXYLIC ACID,o-, DIOCTYL ESTER
Substance Alias ID: 316664
Sub Alias Name: DIOCTYL PHTHALATE,n-
Substance Alias ID: 316665
Sub Alias Name: DIOCTYL-o-BENZENEDICARBOXYLATE
Substance Alias ID: 316666
Sub Alias Name: DIOCTYL-o-PHTHALATE
Comment ID: 305071
Release Code: General Comments
Release Comments: The industrial soil preliminary remediation goal (PRG) for dioctylphthalate is 25,000 ppm. The residential soil PRG is 2,400 ppm.
Decode for Relcomcd: General Comments
Sampling Result ID: 348887
Feature Id: 0
Hazard Release Id: 386880
Medium: 703
Substance Abbrev.: 0
Unit Code: 7
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 05/07/1992
End Date: Not reported
Min Concentration: Not reported
Max Concentration: 16.00
Sample Comment: 16 ppm dioctylphthalate in surface soils at sampling point 34 (5/7/92).
Last Update By: SFORTUN
Update Date: 09/08/2006
Decode for MediumID: Soil

Substance ID.: 121815
Haz Release ID: 386881
Qty Released: unknown
Date Released: unknown
Update Date: 09/08/2006
Update By: SFORTUN
Substance Code: 83-32-9
Substance Name: ACENAPHTHENE
Substance Abbrev.: Not reported

CENTRAL SERVICE CENTER (Continued) **U000432123**

Substance Category ID: 8471
Substance Category: Semi-volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8471
Substance Category: Semi-volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 317621
Sub Alias Name: DIHYDROACENAPHTHYLENE,1,2-
Substance Alias ID: 317622
Sub Alias Name: ETHYLENENAPHTHALENE,1,8-
Substance Alias ID: 317623
Sub Alias Name: PERIETHYLENENAPHTHALENE
Comment ID: 305067
Release Code: General Comments
Release Comments: The industrial soil preliminary remediation goal (PRG) for acenaphthene is 29,000 ppm. The residential soil PRG is 3,700 ppm.
Decode for Relcomcd: General Comments
Sampling Result ID: 348881
Feature Id: 0
Hazard Release Id: 386881
Medium: 703
Substance Abbrev.: 0
Unit Code: 7
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 05/07/1992
End Date: Not reported
Min Concentration: Not reported
Max Concentration: 34.00
Sample Comment: 34 ppm acenaphthene in surface soils at sampling point 34 (5/7/92).
Last Update By: SFORTUN
Update Date: 09/08/2006
Decode for MediumID: Soil

Substance ID.: 120952
Haz Release ID: 386882
Qty Released: unknown
Date Released: unknown
Update Date: 09/08/2006
Update By: SFORTUN
Substance Code: 120-12-7
Substance Name: ANTHRACENE
Substance Abbrev.: Not reported
Substance Category ID: 8473
Substance Category: Semi-volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8473
Substance Category: Semi-volatiles
Category Level: Not reported

CENTRAL SERVICE CENTER (Continued) **U000432123**

Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 316696
Sub Alias Name: ANTHRACIN
Substance Alias ID: 316697
Sub Alias Name: GREEN OIL
Substance Alias ID: 316698
Sub Alias Name: PARANAPTHALENE
Substance Alias ID: 316699
Sub Alias Name: TETRA OLIVE N2G
Comment ID: 305068
Release Code: General Comments
Release Comments: The industrial soil preliminary remediation goal (PRG) for anthracene is 100,000 ppm. The residential soil PRG is 22,000 ppm.
Decode for Relcomcd: General Comments
Sampling Result ID: 348882
Feature Id: 0
Hazard Release Id: 386882
Medium: 703
Substance Abbrev.: 0
Unit Code: 7
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 05/07/1992
End Date: Not reported
Min Concentration: Not reported
Max Concentration: 12.00
Sample Comment: 12 ppm anthracene in surface soils at sampling point 34 (5/7/92).
Last Update By: SFORTUN
Update Date: 09/08/2006
Decode for MediumID: Soil

Substance ID.: 121195
Haz Release ID: 386883
Qty Released: unknown
Date Released: unknown
Update Date: 09/08/2006
Update By: SFORTUN
Substance Code: 206-44-0
Substance Name: FLUORANTHENE
Substance Abbrev.: Not reported
Substance Category ID: 8491
Substance Category: Semi-volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8491
Substance Category: Semi-volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 317398
Sub Alias Name: BENZACENAPHTHENE,1,2-
Substance Alias ID: 317399
Sub Alias Name: BENZO(jk)FLUORENE

CENTRAL SERVICE CENTER (Continued) **U000432123**

Comment ID: 305072
Release Code: General Comments
Release Comments: The industrial soil preliminary remediation goal (PRG) for fluoranthene is 22,000 ppm. The residential soil PRG is 2,300 ppm.
Decode for Relcomcd: General Comments
Sampling Result ID: 348888
Feature Id: 0
Hazard Release Id: 386883
Medium: 703
Substance Abbrev.: 0
Unit Code: 7
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 05/07/1992
End Date: Not reported
Min Concentration: Not reported
Max Concentration: 21.00
Sample Comment: 21 ppm fluoranthene in surface soils at sampling point 21 (5/7/92).
Last Update By: SFORTUN
Update Date: 09/08/2006
Decode for MediumID: Soil

Substance ID.: 121829
Haz Release ID: 386884
Qty Released: unknown
Date Released: unknown
Update Date: 09/08/2006
Update By: SFORTUN
Substance Code: 86-73-7
Substance Name: FLUORENE
Substance Abbrev.: Not reported
Substance Category ID: 8489
Substance Category: Semi-volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8489
Substance Category: Semi-volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 317663
Sub Alias Name: BIPHENYLENEMETHANE,o-
Substance Alias ID: 317664
Sub Alias Name: DIPHENYLENEMETHANE
Substance Alias ID: 317665
Sub Alias Name: METHYLENEBIPHENYL,2,2'-
Comment ID: 305073
Release Code: General Comments
Release Comments: The industrial soil preliminary remediation goal (PRG) for fluorene is 26,000 ppm. The residential soil PRG is 2,700 ppm.
Decode for Relcomcd: General Comments
Sampling Result ID: 348889
Feature Id: 0
Hazard Release Id: 386884

CENTRAL SERVICE CENTER (Continued) **U000432123**

Medium: 703
Substance Abbrev.: 0
Unit Code: 7
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 05/07/1992
End Date: Not reported
Min Concentration: Not reported
Max Concentration: 27.00
Sample Comment: 27 ppm fluorene in surface soils at sampling point 34 (5/7/92).
Last Update By: SFORTUN
Update Date: 09/08/2006
Decode for MediumID: Soil

Substance ID.: 121871
Haz Release ID: 386885
Qty Released: unknown
Date Released: unknown
Update Date: 09/08/2006
Update By: SFORTUN
Substance Code: 91-57-6
Substance Name: METHYLNAPHTHALENE,2-
Substance Abbrev.: Not reported
Substance Alias ID: 317808
Sub Alias Name: METHYLNAPHTHALENE,beta-
Substance Alias ID: 317809
Sub Alias Name: NAPHTHALENE,2-METHYL-
Sampling Result ID: 348891
Feature Id: 0
Hazard Release Id: 386885
Medium: 703
Substance Abbrev.: 0
Unit Code: 7
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 05/07/1992
End Date: Not reported
Min Concentration: Not reported
Max Concentration: 48.00
Sample Comment: 48 ppm 2-methylnaphthalene in surface soils at sampling point 34 (5/7/92).
Last Update By: SFORTUN
Update Date: 09/08/2006
Decode for MediumID: Soil

Substance ID.: 121868
Haz Release ID: 386886
Qty Released: unknown
Date Released: unknown
Update Date: 09/08/2006
Update By: SFORTUN
Substance Code: 91-20-3
Substance Name: NAPHTHALENE

CENTRAL SERVICE CENTER (Continued) **U000432123**

Substance Abbrev.: Not reported
Substance Category ID: 8494
Substance Category: Semi-volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8494
Substance Category: Semi-volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 317793
Sub Alias Name: MOTH BALLS
Substance Alias ID: 317794
Sub Alias Name: NAPHTHENE
Substance Alias ID: 317795
Sub Alias Name: TAR CAMPHOR
Comment ID: 305075
Release Code: General Comments
Release Comments: The industrial soil preliminary remediation goal (PRG) for naphthalene is 190 ppm. The residential soil PRG is 56 ppm.
Decode for Relcomcd: General Comments
Sampling Result ID: 348892
Feature Id: 0
Hazard Release Id: 386886
Medium: 703
Substance Abbrev.: 0
Unit Code: 7
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 05/07/1992
End Date: Not reported
Min Concentration: Not reported
Max Concentration: 68.00
Sample Comment: 68 ppm naphthalene in surface soils at sampling point 34 (5/7/92).
Last Update By: SFORTUN
Update Date: 09/08/2006
Decode for MediumID: Soil

Substance ID.: 121824
Haz Release ID: 386887
Qty Released: unknown
Date Released: unknown
Update Date: 09/08/2006
Update By: SFORTUN
Substance Code: 85-01-8
Substance Name: PHENANTHRENE
Substance Abbrev.: Not reported
Substance Alias ID: 317648
Sub Alias Name: PHENATHRIN
Sampling Result ID: 348896
Feature Id: 0
Hazard Release Id: 386887
Medium: 703
Substance Abbrev.: 0

CENTRAL SERVICE CENTER (Continued) **U000432123**

Unit Code: 7
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 05/07/1992
End Date: Not reported
Min Concentration: Not reported
Max Concentration: 72.00
Sample Comment: 72 ppm phenanthrene in surface soils at sampling point 34 (5/7/92).
Last Update By: SFORTUN
Update Date: 09/08/2006
Decode for MediumID: Soil

Substance ID.: 121019
Haz Release ID: 386888
Qty Released: unknown
Date Released: unknown
Update Date: 09/08/2006
Update By: SFORTUN
Substance Code: 129-00-0
Substance Name: PYRENE
Substance Abbrev.: Not reported
Substance Category ID: 8497
Substance Category: Semi-volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8497
Substance Category: Semi-volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 316950
Sub Alias Name: BENZO(def)PHENANTHRENE
Comment ID: 305076
Release Code: General Comments
Release Comments: The industrial soil preliminary remediation goal (PRG) for pyrene is 29,000 ppm. The residential soil PRG is 2,300 ppm.
Decode for Relcomcd: General Comments
Sampling Result ID: 348898
Feature Id: 0
Hazard Release Id: 386888
Medium: 703
Substance Abbrev.: 0
Unit Code: 7
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 05/07/1992
End Date: Not reported
Min Concentration: Not reported
Max Concentration: 22.00
Sample Comment: 22 ppm pyrene in surface soils at sampling point 34 (5/7/92).
Last Update By: SFORTUN
Update Date: 09/08/2006

CENTRAL SERVICE CENTER (Continued) **U000432123**

Decode for MediumID: Soil

Substance ID.: 121982
Haz Release ID: 386889
Qty Released: unknown
Date Released: unknown
Update Date: 09/11/2006
Update By: SFORTUN
Substance Code: ECD169
Substance Name: DIESEL - FUEL OIL
Substance Abbrev.: Not reported
Substance Category ID: 8529
Substance Category: Petroleum Related Releases for OSPIRG Report
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8529
Substance Category: Petroleum Related Releases for OSPIRG Report
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Sampling Result ID: 348899
Feature Id: 0
Hazard Release Id: 386889
Medium: 703
Substance Abbrev.: 0
Unit Code: 7
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: 9 feet bgs
Start Date: 02/17/1993
End Date: Not reported
Min Concentration: Not reported
Max Concentration: 230.00
Sample Comment: 230 ppm diesel fuel in subsurface soil remaining at 9 feet bgs beneath 3,000 gallon UST at boring B-1.
Last Update By: SFORTUN
Update Date: 09/11/2006
Decode for MediumID: Soil

Substance ID.: 121989
Haz Release ID: 386890
Qty Released: unknown
Date Released: unknown
Update Date: 09/11/2006
Update By: SFORTUN
Substance Code: ECD200
Substance Name: OIL OR FUEL RELATED COMPOUNDS
Substance Abbrev.: Not reported
Substance Category ID: 8532
Substance Category: Petroleum Related Releases for OSPIRG Report
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8532
Substance Category: Petroleum Related Releases for OSPIRG Report

CENTRAL SERVICE CENTER (Continued) **U000432123**

Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Sampling Result ID: 348900
Feature Id: 0
Hazard Release Id: 386890
Medium: 703
Substance Abbrev.: 0
Unit Code: 7
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: 4.0-4.5 feet bgs
Start Date: Not reported
End Date: Not reported
Min Concentration: Not reported
Max Concentration: 550.00
Sample Comment: 550 ppm heavy oil in soil 4.0-4.5 feet bgs beneath diesel/gasoline pipeline that was abandoned in place (boring B-3; 8/17/95). Up to 150 ppm heavy oil in soils excavated during diesel/gasoline tank decommissioning (samples S-2 and S-4; 8/18/95).
Last Update By: SFORTUN
Update Date: 09/11/2006
Decode for MediumID: Soil

Substance ID.: 121639
Haz Release ID: 384036
Qty Released: unknown
Date Released: unknown
Update Date: 01/01/2001
Update By: Not reported
Substance Code: 7439-92-1
Substance Name: LEAD
Substance Abbrev.: Not reported
Substance Category ID: 8466
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8466
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 319256
Sub Alias Name: PB
Comment ID: 305074
Release Code: General Comments
Release Comments: The industrial soil preliminary remediation goal (PRG) for lead is 800 ppm. The residential soil PRG is 400 ppm.
Decode for Relcomcd: General Comments
Comment ID: 305078
Release Code: Media Contamination Footnote
Release Comments: TCLP leachable lead above a concentration of 5 ppm is considered a Toxicity Characteristic Hazardous Waste.
Decode for Relcomcd: Media Contamination Footnote
Sampling Result ID: 348890

CENTRAL SERVICE CENTER (Continued) **U000432123**

Feature Id: 0
Hazard Release Id: 384036
Medium: 703
Substance Abbrev.: 0
Unit Code: 7
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 04/22/1992
End Date: Not reported
Min Concentration: Not reported
Max Concentration: 600.00
Sample Comment: 600 ppm total Pb in soils at sampl. point 31 (4/22/92). 2.5 ppm TCLP Pb in soil composite 3, Pad #7 (10/23/91). 130 ppm total Pb in background surface soil sample 3 (3/26/91). 5.5 ppm TCLP Pb in soils excavated at Waste Oil UST decomm. (8/18/95).
Last Update By: SFORTUN
Update Date: 09/12/2006
Decode for MediumID: Soil
Sampling Result ID: 348905
Feature Id: 0
Hazard Release Id: 384036
Medium: 704
Substance Abbrev.: 0
Unit Code: 7
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 03/26/1991
End Date: Not reported
Min Concentration: Not reported
Max Concentration: 12.00
Sample Comment: 12 ppm TCLP leachable lead in water from stormwater sump, sample 5 (3/26/91)(Pad #8).
Last Update By: SFORTUN
Update Date: 09/13/2006
Decode for MediumID: Surface Water

Substance ID.: 121472
Haz Release ID: 384037
Qty Released: unknown
Date Released: unknown
Update Date: 01/01/2001
Update By: Not reported
Substance Code: 57-12-5
Substance Name: CYANIDE (AS ION)
Substance Abbrev.: Not reported
Substance Category ID: 8465
Substance Category: Inorganics
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8465
Substance Category: Inorganics
Category Level: Not reported

CENTRAL SERVICE CENTER (Continued) **U000432123**

Created By:	Not reported
Created Date:	12/17/2002
Substance Alias ID:	318818
Sub Alias Name:	CN (AS ION)
Comment ID:	305069
Release Code:	General Comments
Release Comments:	The industrial soil preliminary remediation goal (PRG) for free CN is 12,000 ppm. The residential soil PRG for free CN is 1,200 ppm. The industrial soil PRG for hydrogen CN is 35 ppm. The residential soil PRG for hydrogen CN is 11 ppm.
Decode for Relcomcd:	General Comments
Comment ID:	305077
Release Code:	Media Contamination Footnote
Release Comments:	The Level II Ecological Risk Assessment Screening Value for potential effects of cyanides on freshwater aquatic life is 0.0052 ppm.
Decode for Relcomcd:	Media Contamination Footnote
Sampling Result ID:	348883
Feature Id:	0
Hazard Release Id:	384037
Medium:	703
Substance Abbrev.:	0
Unit Code:	7
Observation:	False
Owner Operator:	False
Lab Data:	True
Sample Depth:	Not reported
Start Date:	10/23/1991
End Date:	Not reported
Min Concentration:	Not reported
Max Concentration:	170.00
Sample Comment:	170 ppm CN in surface soils, composite 3, north of Pad #7 (10/23/91) 89 ppm tot. CN in surface soils at sampling point 23 (4/22/92). 5.3 ppm TCLP CN, sample 3, north of Pad #7 (10/23/91). 1.8 ppm TCLP CN in surface soils, sampling point 34 (5/7/92).
Last Update By:	SFORTUN
Update Date:	09/12/2006
Decode for MediumID:	Soil
Sampling Result ID:	348884
Feature Id:	0
Hazard Release Id:	384037
Medium:	704
Substance Abbrev.:	0
Unit Code:	7
Observation:	False
Owner Operator:	False
Lab Data:	True
Sample Depth:	Not reported
Start Date:	03/26/1991
End Date:	Not reported
Min Concentration:	Not reported
Max Concentration:	120.00
Sample Comment:	120 ppm total CN in water from stormwater sump, sample 5 (3/26/91)(Pad #8). 2 ppm total CN in ponded surface water adjacent to a stormwater sump at sample 29 (4/22/92) (Pad #8).
Last Update By:	SFORTUN
Update Date:	09/13/2006
Decode for MediumID:	Surface Water

CENTRAL SERVICE CENTER (Continued) **U000432123**

Sampling Result ID: 348885
Feature Id: 0
Hazard Release Id: 384037
Medium: 701
Substance Abbrev.: 0
Unit Code: 7
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 10/22/1991
End Date: Not reported
Min Concentration: Not reported
Max Concentration: 4500.00
Sample Comment: 4,500 ppm CN in pipeline waste, sample 7 (10/91). 17 ppm TCLP CN in pipeline wastes, sample 38 (5/92). 1,200 ppm total CN in pipe wastes, sample 37 (5/92). 12 ppm TCLP CN in pipe wastes, sample 37 (5/92).
Last Update By: SFORTUN
Update Date: 09/13/2006
Decode for MediumID: Sediment
Sampling Result ID: 348903
Feature Id: 0
Hazard Release Id: 384037
Medium: 700
Substance Abbrev.: 0
Unit Code: 7
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 03/26/1991
End Date: Not reported
Min Concentration: Not reported
Max Concentration: 170.00
Sample Comment: 170 ppm total CN in water impounded within a gas piping, sample 1 (3/26/91). 1.8 ppm total CN in water impounded within a gas inlet vault, sample 12 (11/6/91).
Last Update By: SFORTUN
Update Date: 09/13/2006
Decode for MediumID: Other

Substance ID.: 121994
Haz Release ID: 384038
Qty Released: unknown
Date Released: unknown
Update Date: 01/01/2001
Update By: Not reported
Substance Code: ECD222
Substance Name: PETROLEUM
Substance Abbrev.: Not reported
Substance Category ID: 8533
Substance Category: Petroleum Related Releases for OSPIRG Report
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8533
Substance Category: Petroleum Related Releases for OSPIRG Report

CENTRAL SERVICE CENTER (Continued) **U000432123**

Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Sampling Result ID:	348893
Feature Id:	0
Hazard Release Id:	384038
Medium:	703
Substance Abbrev.:	0
Unit Code:	7
Observation:	False
Owner Operator:	False
Lab Data:	True
Sample Depth:	Not reported
Start Date:	05/07/1992
End Date:	Not reported
Min Concentration:	Not reported
Max Concentration:	1600.00
Sample Comment:	1,600 ppm TPH, surface soils, sampling point 34 (5/7/92). 1,200 ppm TPH, surface soils, composite 2, east of Pad #7 (10/23/91). 450 ppm TPH in backfilled soils at waste oil tank (WO-6; 8/18/95).
Last Update By:	SFORTUN
Update Date:	09/12/2006
Decode for MediumID:	Soil
Sampling Result ID:	348895
Feature Id:	0
Hazard Release Id:	384038
Medium:	702
Substance Abbrev.:	0
Unit Code:	7
Observation:	False
Owner Operator:	False
Lab Data:	True
Sample Depth:	Not reported
Start Date:	12/04/1991
End Date:	Not reported
Min Concentration:	Not reported
Max Concentration:	900000.00
Sample Comment:	Greater than 90 percent C6 to C34 hydrocarbons in phase-separated liquid from sampling point 16 (12/4/91).
Last Update By:	SFORTUN
Update Date:	09/08/2006
Decode for MediumID:	Sludge
Sampling Result ID:	348902
Feature Id:	0
Hazard Release Id:	384038
Medium:	701
Substance Abbrev.:	0
Unit Code:	7
Observation:	False
Owner Operator:	False
Lab Data:	True
Sample Depth:	Not reported
Start Date:	05/07/1992
End Date:	Not reported
Min Concentration:	Not reported
Max Concentration:	3000.00
Sample Comment:	3,000 ppm TPH, residual pipe debris, gas inlet pipe, sample 37 (5/92).

CENTRAL SERVICE CENTER (Continued) **U000432123**

2,900 ppm TPH, pipe debris composite, 3 pipes, Pad #7 (10/91). 2,800 ppm TPH, pipe debris, sampling point 38 (5/92). 2,500 ppm TPH, pipe debris, sampling point 39 (5/92).
Last Update By: SFORTUN
Update Date: 09/12/2006
Decode for MediumID: Sediment

Substance ID.: 122002
Haz Release ID: 384039
Qty Released: unknown
Date Released: unknown
Update Date: 01/01/2001
Update By: Not reported
Substance Code: ECD243
Substance Name: POLYAROMATIC HYDROCARBONS (PAH)
Substance Abbrev.: Not reported
Substance Alias ID: 318143
Sub Alias Name: PAH
Substance Alias ID: 318148
Sub Alias Name: POLYCYCLIC AROMATIC HYDROCARBONS (PAH)
Substance Alias ID: 318149
Sub Alias Name: POLYNUCLEAR AROMATIC HYDROCARBINS (PNA)
Substance Alias ID: 318150
Sub Alias Name: PNA
Sampling Result ID: 348897
Feature Id: 0
Hazard Release Id: 384039
Medium: 703
Substance Abbrev.: 0
Unit Code: 7
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 05/07/1992
End Date: Not reported
Min Concentration: Not reported
Max Concentration: 304.00
Sample Comment: Greater than 304 ppm total PAHs in surface soil at sampling location 34 (5/7/92).
Last Update By: SFORTUN
Update Date: 09/08/2006
Decode for MediumID: Soil

Narrative:
NARR ID: 5748557
NARR Code: Site Contacts
Created By: SFORTUN
Created Date: 08/29/2006
Updated By: SFORTUN
Updated Date: 09/08/2006
Decode for NarcdID: Site Contacts
NARR Comments: Sandra Hart, Director of Risk, Environment and Land 220 NW 2nd Avenue, Portland, OR 97209-3942 (503) 226-4211 Conrad J. Rue, Secretary and Registered Agent 220 NW 2nd Avenue, Portland, OR 97209-3942 503-226-4211 x-3309 Gregg S. Kantor, Senior V.P., Public and Regulatory Affair 220 NW 2nd Avenue, Portland, OR 97209-3942 503-226-4211 x-3464 Mark S. Dodson, President and CEO 220 NW 2nd

CENTRAL SERVICE CENTER (Continued) **U000432123**

Avenue, Portland, OR 97209-3942 503-226-4211 x-3320

NARR ID: 5733772
NARR Code: Contamination
Created By: Not reported
Created Date: 12/17/2002
Updated By: SMANZAN
Updated Date: 12/20/2011
Decode for NarcdID: Contamination
NARR Comments: Polynuclear aromatic hydrocarbons (PAHs), volatile organic compounds (VOCs), metals, and cyanide have been released to soils in the vicinity of the gas holding tanks. Most of the contaminated surface soils and accessible wastes from abandoned was removed from the site in 1991-92. Soil testing and soil and waste removal conducted around the two southern tank pads were largely based on visual indications of staining. Minor concentrations of petroleum (diesel fuel and heavy oil or bunker fuel) also remain in localized areas of subsurface soils where gasoline, diesel fuel, and waste oil underground storage tanks were decommissioned in 1993-95. Diesel fuel contamination was encountered during a 2004 heating oil tank decommissioning (LUST #26-97-0130) at the neighboring Irwin-Hodson Company facility, located immediately south of the site. Contaminated soils were left in place because they contained relatively low concentrations of VOCs and PAHs, and did not to represent a significant threat to groundwater or to site workers. The DEQ Heating Oil Tank program may re-examine the decision for no further action at Irwin-Hodson based on the results of additional investigation at the site.

NARR ID: 5748558
NARR Code: Disposals
Created By: SFORTUN
Created Date: 08/29/2006
Updated By: SMANZAN
Updated Date: 12/20/2011
Decode for NarcdID: Disposals
NARR Comments: Contaminated soils and waste piles associated with the site s two southern gas holder tank pads were excavated and shipped to Chem Waste Management s hazardous waste disposal facility in Arlington for disposal in 1991-92. Most of the nearly 1,300 cubic yards of material was classified as hazardous waste due to elevated concentrations of leachable lead and cyanide. Approximately 19,000 gallons of cyanide-contaminated water within the three gas inlet vaults at the site s eastern gas holder tank pad (Pad #7) was discharged to the city sanitary sewer in August 25 to September 3, 1993. 49 tons of petroleum-contaminated soil excavated during cleanup of the site s various leaking petroleum underground storage tanks (LUSTs) was sent to Oregon Hydrocarbons in 1994 for treatment. 32 tons of contaminated soil was sent to Marion County Soil Recycling in 1995 for treatment. Thirty eight tons of petroleum contaminated soils/waste was remove from the southwest portion of the site in December 2008.

NARR ID: 5748501
NARR Code: Data Sources
Created By: SFORTUN
Created Date: 08/16/2006
Updated By: KTHIESS
Updated Date: 04/02/2018

CENTRAL SERVICE CENTER (Continued) **U000432123**

Decode for NarcdID: Data Sources
NARR Comments: Soil and Waste Pile Removal Activities Report; Hahn and Associates, August 6, 2010. Monitoring Well Installation and Groundwater Monitoring report; Hahn and Associates, January 20, 2010. Site Investigation and Preliminary Risk Assessment; Hahn and Associates, December 19, 2008. A Site Survey and Environmental Investigation, Former Northwest Natural Gas Company Manufactured Gas Holder Site, prepared for Northwest Natural Gas Company, by Hahn and Associates, Inc., July 22, 1991. Site Remediation: Soil Excavation, Transportation and Disposal, Former Northwest Natural Gas Company Manufactured Gas Holder Site, prepared for Northwest Natural Gas Company, by Hahn and Associates, Inc., November 15, 1991. Additional Site Investigation and Remediation: Characterization, Excavation, Transportation and Disposal Activities, Former Northwest Natural Gas Company Manufactured Gas Holder Site, prepared for Northwest Natural Gas Company, by Hahn and Associates, Inc., February 22, 1993. Completion of Water Disposal and Soil Sampling Activities, Northwest Natural Gas Company, Former manufactured Gas Holder Facility, 2630 SE 9th Avenue, Portland, Oregon, letter report prepared for Stoel Rives Boley Jones & Gray, by Hahn and Associates, Inc., October 8, 1993. DEQ Leaking Underground Storage Tank File, NW Natural Gas Central Service, LUST #26-95-0218. DEQ Leaking Underground Storage Tank File, NW Natural Gas Central Service, NW Natural Gas Central Service, LUST #26-92-0217. DEQ Leaking Underground Storage Tank File, NW Natural Gas Central Service, LUST #26-92-0344. Subsurface Investigation, Northwest Natural Gas Company, 2360 NE 9th Avenue, prepared for NW Natural Gas, by Hahn and Associates, Inc., March 23, 1993. Decommissioning Activities Report, Northwest Natural Gas Company, 2630 SE 9th, Portland, OR, prepared for Mike Haward, NW Natural Gas Co., by Gary Renforth, Spencer, Inc., March 24, 1995. Underground Storage Tank Decommissioning and Soil Matrix Site Cleanup Report, prepared for Northwest Natural Gas Company Central Facility, by PEMCO, September 20, 2005. Drywell Registration Package, NW Natural Central Service Center, Portland, OR, prepared for NW Natural, by EnviroLogic Resources, Inc., December 30, 1999 DEQ Heating Oil Tank (HOT) File, Irwin Hodson Company, LUST #26-97-0130. City of Portland Corporate GIS system, http://www.portlandmaps.com . Oregon Water Resources Department well log and Water Right files, http://www.wrd.state.or.us . Sanborn Fire Insurance Maps, Oregon State Library. DEQ (2006a). Environmental Cleanup Site Information Site (ECSI) Summary Report for Site #1488, Portland Gas & Coke Gas Holder Tanks (Former), Oregon Department of Environmental Quality. September 22, 2006. DEQ (2011). Partial No Further Action Determination Letter, NW Natural Central Processing Center, ECSI #1488 (Mr. Scott Manzano to Mr. Mike Hayward), Oregon Department of Environmental Quality. December 20, 2011. HAI (1991a). A Site Survey and Environmental Investigation, Former NW Natural Gas Company Gas Holder Site, HAI Project No. 1581, Hahn and Associates, Inc. July 22, 1991. HAI (1991b). Site Remediation: Soil Excavation, Transportation and Disposal, Former NW Natural Gas Company Gas Holder Site, HAI Project No. 1581, Hahn and Associates, Inc. November 15, 1991. HAI (1993a). Additional Site Investigation and Remediation: Characterization, Excavation, Transportation, and Disposal Activities, Former NW Natural Gas Company Gas Holder Site, HAI Project No. 1581, Hahn and Associates, Inc. February 22, 1993. HAI (1993b). Completion of Water Disposal and Soil Sampling Activities, Former NW Natural Gas Company Gas Holder Facility, HAI Project No.

CENTRAL SERVICE CENTER (Continued) **U000432123**

1581, Hahn and Associates, Inc. October 8, 1993. HAI (2007). Technical Memorandum and Field Sampling Plan, NW Natural Central Service Center Property, Portland, Oregon, Hahn and Associates, Inc. October 9, 2007. HAI (2008). Site Investigation and Preliminary Risk Evaluation, NW Natural Central Service Center Property, 2630 SE 9th Avenue, Portland, Oregon, Hahn and Associates, Inc. December 19, 2008. HAI (2009). Field Sampling Plan for Monitoring Well Installation and Sampling Activities, Central Service Center Property, 2630 SE 9th Avenue, Portland, Oregon, Hahn and Associates, Inc. April 15, 2009. HAI (2010a). Groundwater Monitoring Well Installation and Monitoring Phase 1 and 2 On-Site and Off-Site Activities, NW Natural Central Service Center Property, 2630 SE 9th Avenue, Portland, Oregon, Hahn and Associates, Inc. January 20, 2010. HAI (2010b). Soil and Waste Pile Removal Activities Report, NW Natural Central Service Center Property, 2630 SE 9th Avenue, Portland, Oregon, Hahn and Associates, Inc. August 6, 2010. HAI (2010c). Report on Stormwater Sampling Activities, NW Natural Central Service Center Property, 2630 SE 9th Avenue, Portland, Oregon, Hahn and Associates, Inc. October 21, 2010. HAI (2011a). Field Sampling Plan for Additional On-Site and Off-Site Monitoring Well Installation and Sampling Activities, NW Natural Central Service Center Property, 2630 SE 9th Avenue, Portland, Oregon, Hahn and Associates, Inc. March 14, 2011. HAI (2011b). Sampling and Analysis Plan for Class V UICs (Drywells), NW Natural-Central Service Center Facility, UIC No. 10178, 2630 SE 9th Avenue, Portland, Oregon, Hahn and Associates, Inc. July 15, 2011. HAI (2012). Field Sampling Plan for On-Site and Off-Site Monitoring Well Installation and Sampling Activities Phase 2, NW Natural Central Service Center Property, 2630 SE 9th Avenue, Portland, Oregon, Hahn and Associates, Inc. June 4, 2012. HAI (2013a). Underground Injection Control Decommissioning Report, TriMet Acquisition Area, NW Natural Former Central Services Center, 2630 SE 9th Avenue, Portland, Oregon, Hahn and Associates, Inc. July 26, 2013. HAI (2013b). Monitoring Well Installation and Groundwater Monitoring Report, NW Natural Central Service Center Property, 2630 SE 9th Avenue, Portland, Oregon, Hahn and Associates, Inc. September 23, 2013. HAI (2013c). Revised Sampling and Analysis Plan for On-Site and Off-Site Soil Gas Investigation, NW Natural Central Service Center Property, 2630 SE 9th Avenue, Portland, Oregon, Hahn and Associates, Inc. December 4, 2013. HAI (2014). Underground Injection Control Decommissioning Report, NW Natural Central Service Center Property, 2630 SE 9th Avenue, Portland, Oregon, Hahn and Associates, Inc. February 3, 2014. HAI (2015). Remedial Investigation and Risk-Based Closure Report, Former NW Natural Central Service Center Property, 2630 SE 9th Avenue, Portland, Oregon, Hahn and Associates, Inc. Volumes 1 and 2, April 27, 2015. HAI (2016). Underground Injection Control Decommissioning Report, NW Natural - Former Central Services Facility, 2630 SE 9th Avenue, Portland, Oregon, Hahn and Associates, Inc. February 5, 2016. HAI (2017). Groundwater Monitoring Report, September and October 2016 Sampling Event, Former NW Natural Central Service Center Property, 2630 SE 9th Street (sic), Portland, Oregon, Hahn and Associates, Inc. January 12, 2017. HAI (2017a). Revised Remedial Investigation and Risk-Based Closure Report, Former NW Natural Central Service Center Property, 2630 SE 9th Avenue, Portland, Oregon, Hahn and Associates, Inc. Volumes 1 and 2, August 16, 2017.

NARR ID: 5747161

CENTRAL SERVICE CENTER (Continued) **U000432123**

NARR Code: General Site Description
Created By: GWISTAR
Created Date: 09/07/2005
Updated By: SMANZAN
Updated Date: 12/20/2011
Decode for NarcdID: General Site Description
NARR Comments: The Site is a 5-acre property located at 2630 SE 9th Avenue in southeast Portland, and is currently owned by NW Natural. TriMet intends to purchase a .9 acre portion (Parcel 1) of the Site for use as part of the Portland-Milwaukie Light Rail Project. As planned, light rail tracks would be located on the parcel. The Site was previously used for manufactured gas storage (above ground tanks) and transmission (underground lines) from 1921 to 1956. Plant operations were discontinued in 1956. The Site is currently used by NW Natural as an operations facility, containing administrative offices and serving as a vehicle fueling and maintenance center. Two large, aboveground, 155- to 175 foot diameter, circular concrete manufactured gas storage tank holder pads are located on the southern portion of the site, and a third pad located on the north portion of the site has been buried beneath fill and covered by a paved parking lot. At least four leaking petroleum underground storage tanks (gasoline, diesel fuel, and waste oil) have been removed and stormwater drains to any of 13 on-site catchbasins and associated drywells at the site.

NARR ID: 5733773
NARR Code: Hazardous Substance/Waste Types
Created By: Not reported
Created Date: 12/17/2002
Updated By: SMANZAN
Updated Date: 12/20/2011
Decode for NarcdID: Hazardous Substance/Waste Types
NARR Comments: Petroleum and/or coal tar constituents (including PAHs, other semi-volatile organic compounds (SVOCs), and volatile organic compounds (VOCs)), lead, and cyanide. Contamination is present in soil and groundwater. Minor/residual subsurface petroleum contamination is also present in areas where former underground petroleum storage tanks (USTs) and piping were decommissioned. Soil in the waste oil tank decommissioning location contained elevated concentrations of leachable lead. Soils beneath a 130 foot, abandoned in place long gasoline/diesel fuel transfer pipe were contaminated with heavier oil or bunker fuel, which is inconsistent with the transfer line s use. Debris encountered during the August 1995 removal of two of the sites USTs (LUST #26-95-0218), as well as soil boring lithologies from an investigation of subsurface transfer piping between the tanks and a former fuel dispensing island suggest that fill material at the site includes silt, gravel, and construction debris.

NARR ID: 5748560
NARR Code: Project Issues Summary
Created By: SFORTUN
Created Date: 08/29/2006
Updated By: SMANZAN
Updated Date: 12/20/2011
Decode for NarcdID: Project Issues Summary
NARR Comments: NNG removed contaminated waste piles, some of the contaminated

CENTRAL SERVICE CENTER (Continued) **U000432123**

debris, and some of the contaminated soils associated with the site s two southernmost concrete gas holder tank pads through an independent cleanup action in 1991-92. However, soils with lower levels of contamination, contaminated soils that were inaccessible, much of the contaminated debris and water within capped and abandoned gas transmission piping, contaminated water and debris within stormwater sumps surrounding the pads, and contaminated water within that pad s gas inlet vaults were left in place. Minor contamination also remains in subsurface soils surrounding the site s former LUST locations, and along fuel piping that was abandoned in place. Remeidal investigations are ongoing to determine that extent and nature of site contaminants. DEQ has no information to indicate that the ultimate fate of rainwater that accumulates in the depression on the southern 1/3 of the site has ever been defined. At least five stormwater sumps are located around the perimeters of the two southern tank pads. Ponded water in or near two of the sumps contained elevated concentrations of total cyanide (up to 120 ppm) and TCLP leachable lead (up to 12 ppm) when sampled in March 1991 and April 1992. Soil and groundwater samples were collected in August 2011 to decommission these sumps (data submittal to DEQ pending). A stream that historically crossed the southern 1/3 of the site (per 1909 records) was apparently directed to a sewer on the site s western property line. No ifnofrmation is available to determine if this sewer was ever fully abandoned, or if it may discharge to the existing municipal stormsewer. A monitoring well that the City of Portland constructed in the street near the site s southwest corner in March 2001 encountered groundwater at 21 feet bgs. Contamination associated with the former gas holder tank pads could easily extend into shallow groundwater. Darigold, Inc., a wholesale manufacturer of dairy products for human consumption, owns a 16-inch diameter, 450-foot deep industrial well and associated Certified Water Right Claim, located about 550-feet west of the contaminated area. The well casing is perforated beginning at 105-feet below ground surface, and appears to withdraw groundwater from the underlying Troutdale and Sandy River Mudstone formations. Groundwater contamination at the site could impact this well, and will be determined as part of the current groundwater remedial investigation.

NARR ID: 5748561
NARR Code: Land Use (Current/Reasonably Likely)
Created By: SFORTUN
Created Date: 08/29/2006
Updated By: SMANZAN
Updated Date: 12/20/2011
Decode for NarcdID: Land Use (Current/Reasonably Likely)
NARR Comments: The site is likely to be used long term as industrial land. It is located in an area of mixed industrial, commercial, and residential properties. All properties immediately surrounding the site are either commercial or industrial use, as are more distant properties to the west, northwest, and southeast. However, residential areas are located south of SE Powell Boulevard, east of SE 12th Avenue, and north of SE Division Street. The nearest residential properties are located about 215 feet north, 290 feet east, and 490 feet south of the site.

NARR ID: 5747158
NARR Code: Site Location

CENTRAL SERVICE CENTER (Continued) **U000432123**

Created By: GWISTAR
Created Date: 09/07/2005
Updated By: SFORTUN
Updated Date: 04/30/2007
Decode for NarcdID: Site Location
NARR Comments: The site is located in southeast Portland, four blocks east of the eastern terminus of the Ross Island Bridge, and two blocks north of SE Powell Boulevard (US Hwy 26) (see Figures 1 and 2). State Highway 99E (SE Grand Avenue) is four blocks west of the site. The Willamette River lies 0.25 mile west of the site. The site is bounded on the south by SE Taggart Street, on the southeast by SE Clinton Street, on the west by SE 9th Avenue, on the east by SE 11th Avenue, and on the northeast by a Union Pacific Railroad mainline right-of-way (see Figure 2). An alternative site address is 905 SE Division Street.

NARR ID: 5748562
NARR Code: Manner of Release
Created By: SFORTUN
Created Date: 08/29/2006
Updated By: SMANZAN
Updated Date: 12/19/2011
Decode for NarcdID: Manner of Release
NARR Comments: Site contamination is believed to have been predominantly associated with releases of condensate from stored manufactured gas. Minor subsurface contamination may be associated with incomplete cleanup of releases from leaking underground petroleum storage tanks and associated transfer piping, or from tank overfills.

NARR ID: 5748563
NARR Code: Media Contamination
Created By: SFORTUN
Created Date: 08/29/2006
Updated By: SMANZAN
Updated Date: 12/20/2011
Decode for NarcdID: Media Contamination
NARR Comments: Surface and subsurface soils, and shallow groundwater.

NARR ID: 5747157
NARR Code: Site Ownership
Created By: GWISTAR
Created Date: 09/07/2005
Updated By: SFORTUN
Updated Date: 09/08/2006
Decode for NarcdID: Site Ownership
NARR Comments: Northwest Natural Gas Company 220 NW 2nd Avenue Portland, OR 97209-3942 503-226-4211

NARR ID: 5748564
NARR Code: Project Activity Status
Created By: SFORTUN
Created Date: 08/29/2006
Updated By: SMANZAN
Updated Date: 12/20/2011
Decode for NarcdID: Project Activity Status
NARR Comments: NW Natural entered into a DEQ Voluntary Cleanup Program agreement in 2007, and is currently conducting a full subsurface remedial investigation at the site.

CENTRAL SERVICE CENTER (Continued) **U000432123**

NARR ID: 5747160
NARR Code: Pathways Other Hazards
Created By: GWISTAR
Created Date: 09/07/2005
Updated By: SMANZAN
Updated Date: 12/19/2011
Decode for NarcdID: Pathways & Other Hazards
NARR Comments: Stormwater to the Willametter River. An existing municipal stormsewer on the western edge of the site, constructed in 1963, is located 11- to 15-feet below SE 9th Avenue. This western stormsewer may not be deep enough to capture stormwater from the depression on the southern end of the site - at its westernmost extent, the depression is about 15 feet below the level of SE 9th Avenue. However, the western stormsewer could overlie an older sewer that once drained the creek. A municipal stormsewer, constructed in 1906, also lies along the site's southern boundary, at least 34 feet beneath SE Taggard Street. Potentially-contaminated groundwater and/or stormwater runoff from the southern third of the site could discharge to the stormsewer beneath SE Taggard Street, then discharge to the Willamette River, 0.25 mile west of the site. Subsurface contamination could represent a potential health threat to underground utility workers, or to utility trench workers. Contaminants could also discharge to the stormsewer, and contaminate Willamette River sediments. Former Creek Drainage. The former creek drainage might also provide a preferential migration pathway for contaminants to reach the river. The former creek drainage appears to parallel the southern edge of the Union Pacific Railroad mainline, and may pass beneath the Oregon Museum of Science and Industry (OMSI) building, near the eastern end of Interstate Highway 5 s Marquam Bridge. Groundwater to the Willametter River. The Irwin-Hodson Company, located immediately south of the site, has a 153-foot deep industrial well. The well log indicates that this well was deepened from its original depth of 113 feet bgs in 1967. Prior to 1967, the well appears to have withdrawn groundwater from a loose gravel formation (possibly fluviolacustrine deposits). The well may have abandoned in January 2005, however Oregon Water Resources Department (OWRD) still has no record of the well abandonment. Potentially-contaminated groundwater could also preferentially migrate to the Willamette river through the fluviolacustrine deposits, or possibly also along the nearby stormsewer s bedding.

NARR ID: 5733775
NARR Code: Remedial Action
Created By: Not reported
Created Date: 12/17/2002
Updated By: SMANZAN
Updated Date: 12/20/2011
Decode for NarcdID: Remedial Action
NARR Comments: (1/5/94 GMW/SAS) Options letter sent; no further remedial action anticipated by RP. Further evaluation recommended. (9/8/06 SMF/SAS) Site priority for further investigation and cleanup was revised to high. (6/6/2007 CWH/CU) Northwest Natural entered into DEQ's Voluntary Cleanup Program to investigate suspected site contamination described in Site Assessment evaluation. (February 2008 SM/CU) Representative soil and groundwater sampling from twelve push probe borings in areas of potential contamination. Test pit samples were also collected from visually discolored soils located at the

CENTRAL SERVICE CENTER (Continued) **U000432123**

southwestern portion of the site. Sample results confirmed the presence of contaminated soil and groundwater at several locations. (December 2008 SM/CU) Thirty-eight tons of visably stained, petroleum cobntaminated soil/waste material removed from southwest portion of the site. (June 2009 SM/CU) Borings were completed at ten locations on the site. Seven shallow- and three intermediate-depth groundwater wells were constructed to determine the nature and extent of groundwater contamination. (August 2011 SM/CU) Soil and groundwater samples collected from boring locations to decommission thirteen dry wells historically used to collect stormwater at the Site. (September 2011 SM/CU) Borings completed at three locations on site and 3 locations west of the site. Groundwater wells constructed at each boring location.

NARR ID: 5748565
NARR Code: Substances of Concern
Created By: SFORTUN
Created Date: 08/29/2006
Updated By: SFORTUN
Updated Date: 09/08/2006
Decode for NarcdID: Substances of Concern
NARR Comments: PAHS, lead, cyanide, and possibly other metals, volatile organic compounds (VOCs), and phthalates.

NARR ID: 5747159
NARR Code: Health Threats
Created By: GWISTAR
Created Date: 09/07/2005
Updated By: SMANZAN
Updated Date: 12/20/2011
Decode for NarcdID: Health Threats
NARR Comments: Contaminated surface and subsurface soils, and shallow groundwater contamination could be a potential inhalation, direct contact or vapor intrusion threat to on-site workers and off-site workers at nearby commercial and industrial facilities. Subsurface contamination could also be a potential threat to on-site, and nearby off-site, utility trench workers, construction workers, or to stormsewer utility workers. Groundwater contamination at the subject site could reach the nearby Darigold, Inc. production well, and possibly contaminate food products used for human consumption, or represent a potential risk for Darigold workers. It appears very unlikely that nearby residents and pedistrians would ber affected by direct contact with site contaminants. Residential neighborhoods are located as near as 215 feet to the north, 290 feet to the east, and 490 feet to the south of the site. A Buddhist temple is located about 290 feet east of the site. Abernethy Elementary School and Portland Environmental Middle School are located about 765 feet northeast of the site. The Oregon Museum of Science and Industry (OMSI) is located about 2,150 feet (0.4 mile) northwest of the site. Any contaminants reaching the Willamette River could represent a potential threat to the river s recreational users. The Willamette River is important rearing and migration habitat for coho salmon, spring and fall Chinook salmon, and winter steelhead trout. The river also provides important migratory habitat for summer steelhead, as well as habitat for searun cutthroat trout and the Pacific lamprey. Coho salmon is a state-listed Endangered Species. Chinook salmon and steelhead trout of the Lower Columbia River Estuary and Upper Willamette are

CENTRAL SERVICE CENTER (Continued) **U000432123**

federally-listed Threatened Species. Searun cutthroat trout and the Pacific lamprey are federal Species of Concern. Any contaminants reaching the Willamette River could represent a threat to the river s Threatened and Endangered fish species.

NARR ID: 5748566
NARR Code: Water Use (Current/Reasonably Likely)
Created By: SFORTUN
Created Date: 08/29/2006
Updated By: SMANZAN
Updated Date: 12/20/2011
Decode for NarcdID: Water Use (Current/Reasonably Likely)
NARR Comments: Well records at Oregon Water Resources Department (OWRD) and the U.S. Geological Survey (USGS) indicate that groundwater within the nine survey sections (9 square mile area) surrounding the site is predominantly used for industrial purposes, although a few domestic and irrigation wells are also present. Within the nine square mile area (approximately equivalent to a 1.7 mile radius), there are 44 industrial wells (83%), 4, irrigation wells (8%), and 5 domestic wells (9%). The nearest domestic wells are three domestic wells (53- to 74 feet deep) located approximately 1.65 mile southeast of the site, in a presumed upgradient location. The nearest industrial well is a 490-foot deep well at the Darigold, Inc. facility, approximately 550 feet west of the site. The well was constructed in 1946, and penetrates fill (0-12 feet bgs), fluviolacustrine deposits (12-43 feet bgs), Troutdale formation (43-258 feet bgs), and Sandy River Mudstone (below 258 feet, bgs). The well has an associated Water Right claim, certified in 1960, which states that the well was in continuous use since it was first constructed. Although the well log for this well provides no well construction details, the associated Water Right registration form indicates it has a 16-inch diameter casing from the ground surface to 450 feet bgs; the casing is perforated from 105- to 425 feet bgs (in the Troutdale and Sandy River Mudstone formations). The Darigold facility (Darigold / Land O'Lakes / Purina / Concentrates, Inc.) is a wholesale distributor of dairy products for human consumption, and a manufacturer of livestock feeds, pet foods, and organic garden-soil amendments. OWRD also has a well log for the deepening of an industrial well at the Irwin-Hodson Company, adjacent to the subject site s southern boundary. In 2005, Cascade Environmental Services reported that this well s casing had been backfilled with concrete about 1985, although no abandonment record was ever filed with OWRD. The Willamette River, which lies about 0.25 miles (1,385 feet) west of the site, is used for recreational fishing, boating, and swimming, as well as providing critical rearing and migration habitat for Threatened and Endangered salmonid species. The river also likely provides an important food source for bald eagles.

NARR ID: 5748559
NARR Code: Institutional Control
Created By: SFORTUN
Created Date: 08/29/2006
Updated By: SMANZAN
Updated Date: 12/20/2011
Decode for NarcdID: Institutional Control
NARR Comments: The northern 2/3 of the site is covered either by buildings or blacktop-paved parking areas. The site also has 13 active drywells

CENTRAL SERVICE CENTER (Continued) **U000432123**

beneath the parking areas that are in the process of being decommissioned. Some of the drywells are likely to intercept the shallow groundwater table, lcoated at approximatly 20 feet below ground surface. The site is securely fenced, so access to unauthorized pedestrians and potential trespassers should be negligible.

NARR ID: 5747156
NARR Code: Site History
Created By: GWISTAR
Created Date: 09/07/2005
Updated By: SMANZAN
Updated Date: 12/19/2011
Decode for NarcdID: Site History
NARR Comments: A 1909 Sanborn Fire Insurance Map depicts the subject site as vacant, low-lying land with a creek flowing southeast to northwest, across the southern portion of the site, then entering a sewer at the site s western boundary along SE 9th Avenue. The site s manufactured gas holder tanks were constructed in 1921-1925. A 1924 Sanborn Fire Insurance map depicts two, 2 million cubic foot, gas holder tanks and several gas compressor houses located on a property owned by Portland Gas and Coke Company. A 1950 Sanborn Fire Insurance map shows the same tanks, plus an additional 3+ million cubic foot gas holder tank near the southwest corner of the site. The facility ceased operations (gas storage) in 1956. Subsurface gas transmission piping that was attached to the tanks had been capped and decommissioned in place within the site boundaries when the tanks were decommissioned sometime in the late 1970 s or early 1980 s.

NARR ID: 5756533
NARR Code: 1922
Created By: KTHIESS
Created Date: 12/28/2016
Updated By: KTHIESS
Updated Date: 12/28/2016
Decode for NarcdID: Current Site Summary Statement
NARR Comments: The Site is the former location of the NW Natural Central Service Center and the Portland Gas and Coke Company (PG&C) Station E gas holder facility. The gas holders were operational between 1914 and 1956 and used for storage of manufactured gas prior to distribution to the surrounding region. Manufactured gas was a predecessor of natural gas and was distributed for uses such as heating, lighting, and cooking. A 0.9-acre portion of the 5.2-acre Site was sold by NW Natural to TriMet in 2012 and is being developed by TriMet for light rail use. DEQ issued a partial NFA determination letter for the Parcel 1 portion of the Site in 2011. Cleanup-related activities completed at the Site have included: Excavation and disposal of 250 cubic yards of lead paint-contaminated soils from the area south of Holder Pad No. 8 in 1992. Removal and disposal of 950 cubic yards of manufactured gas residue/debris contaminated with petroleum hydrocarbons, lead, and cyanide from the areas of Holder Pad Nos. 7 and 8 in 1991 and 1993. Management of water contained within the gas inlet vaults of Holder Pad Nos. 7 and 8 followed by the filling of these vaults in 1993. Removal of 38 tons of soil/manufactured gas residue material contaminated with petroleum hydrocarbons, metals, and cyanide from the southwestern corner of the Site in 2008. Decommissioning of three drywells located at the western portion of

CENTRAL SERVICE CENTER (Continued) **U000432123**

the Site within an area of shallow groundwater contamination was completed in 2013 to mitigate any effects that direct subsurface infiltration of stormwater in this area could have with regard to plume behavior. Remedial Investigaton work activities conducted at the Site involved near-surface and subsurface investigations, land and water Beneficial Use Determination (UD), human health and ecological risk assessment, and preparation of this RI report. Based on the results of the remedial investigation and risk assessment activities conducted for the Site, further active remedial measures at the Site are not warranted. Although remedial measures are not warranted, the following recommendations are presented due to the presence of contaminated media at the Site. Residual contaminated soil and groundwater are present at the subject property. If left in-place, undisturbed, no actions are necessary with respect to the impacted soils and groundwater that remain beneath the property, as long as the property continues to be utilized for non-residential purposes only. If future Site development activity encounters impacted soil and/or groundwater at the property, special management of this soil or dewatered groundwater will be necessary for removal and/or disposal purposes. If future Site development activity has the potential for Excavation Workers to come in contact with impacted groundwater then measures need to be taken to ensure workers are informed of this, and that protective measures are implemented to mitigate the potential risk of exposure to contaminated media. Drainage improvements related to future Site development will need to include best management practices and controls such that any re-establishment of stormwater discharge to the adjacent storm sewer do not contain an unacceptable contaminant load. Site data indicate that removal of total suspended solids load from stormwater will largely address this issue. It would be prudent to prepare a Contaminated Media Management Plan (CMMP) prior to conducting future subsurface work at the Site. The purpose of a CMMP is to provide guidelines for appropriate management and disposal of contaminated soil and/or groundwater that may be encountered during potential future subsurface activities at the property, as well as to outline the measures to be taken to protect site workers during subsurface work activities.

Administrative Action:

Action ID:	9463
Region:	Northwestern Region
Complete Date:	12/20/2011
Rank Value:	Not reported
Cleanup Flag:	False
Created Date:	12/19/2011
Decode for AgencyID:	Department of Environmental Quality
Decode for RegionID:	Northwest Region
Category:	Remedial Action
Action Code Flag:	False
Action:	Partial No Further Action
Further Action:	0
Comments:	Not reported

Action ID:	9413
Region:	Northwestern Region
Complete Date:	12/06/2016
Rank Value:	Not reported
Cleanup Flag:	False

CENTRAL SERVICE CENTER (Continued) **U000432123**

Created Date: 12/06/2016
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Closeout activities on completed project
Further Action: 0
Comments: Not reported

Action ID: 9415
Region: Northwestern Region
Complete Date: Not reported
Rank Value: Not reported
Cleanup Flag: False
Created Date: 12/28/2016
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: CONFIRMATION SAMPLING
Further Action: Low
Comments: Not reported

Action ID: 9411
Region: Northwestern Region
Complete Date: Not reported
Rank Value: Not reported
Cleanup Flag: False
Created Date: 03/01/2018
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: No Further Action (Conditional)
Further Action: Low
Comments: Not reported

Action ID: 9413
Region: Northwestern Region
Complete Date: Not reported
Rank Value: Not reported
Cleanup Flag: False
Created Date: 03/01/2018
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Closeout activities on completed project
Further Action: Low
Comments: Not reported

Action ID: 9425
Region: Northwestern Region
Complete Date: Not reported
Rank Value: Not reported
Cleanup Flag: False
Created Date: 03/05/2018

CENTRAL SERVICE CENTER (Continued) **U000432123**

Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: SITE EVALUATION
Further Action: Low
Comments: Not reported

Action ID: 9443
Region: Northwestern Region
Complete Date: 10/22/2018
Rank Value: Not reported
Cleanup Flag: False
Created Date: 10/22/2018
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: NO FURTHER STATE ACTION REQUIRED
Further Action: 0
Comments: Not reported

Action ID: 9440
Region: Northwestern Region
Complete Date: Not reported
Rank Value: Not reported
Cleanup Flag: False
Created Date: 02/01/2007
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Letter Agreement
Further Action: 0
Comments: Not reported

Action ID: 9435
Region: Northwestern Region
Complete Date: Not reported
Rank Value: Not reported
Cleanup Flag: False
Created Date: 02/01/2007
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Independent Cleanup Program
Further Action: 0
Comments: Not reported

Action ID: 9465
Region: Northwestern Region
Complete Date: 02/01/2007
Rank Value: Not reported
Cleanup Flag: False
Created Date: 02/01/2007
Decode for AgencyID: Department of Environmental Quality

CENTRAL SERVICE CENTER (Continued) **U000432123**

Decode for RegionID: Northwest Region
Category: Listing Action
Action Code Flag: False
Action: Facility proposed for Confirmed Release List
Further Action: 0
Comments: Not reported

Action ID: 9467
Region: Northwestern Region
Complete Date: 02/01/2007
Rank Value: Not reported
Cleanup Flag: False
Created Date: 02/01/2007
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Listing Action
Action Code Flag: False
Action: Facility proposed for Inventory
Further Action: 0
Comments: Not reported

Action ID: 9424
Region: Northwestern Region
Complete Date: Not reported
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Administrative Action
Action Code Flag: False
Action: Site added to database
Further Action: Not reported
Comments: Not reported

Action ID: 9521
Region: Northwestern Region
Complete Date: 01/05/1994
Rank Value: Not reported
Cleanup Flag: False
Created Date: 05/22/2003
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: OPTN
Further Action: 0
Comments: Not reported

Action ID: 9505
Region: Northwestern Region
Complete Date: 01/05/1994
Rank Value: Not reported
Cleanup Flag: True
Created Date: 05/22/2003
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region

CENTRAL SERVICE CENTER (Continued) **U000432123**

Category: Remedial Action
Action Code Flag: False
Action: Site Confirmatory Sampling recommended
Further Action: Low
Comments: Not reported

Action ID: 9425
Region: Northwestern Region
Complete Date: 09/08/2006
Rank Value: Not reported
Cleanup Flag: False
Created Date: 09/07/2005
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: SITE EVALUATION
Further Action: 0
Comments: Not reported

Action ID: 9498
Region: Northwestern Region
Complete Date: 09/08/2006
Rank Value: Not reported
Cleanup Flag: False
Created Date: 09/08/2006
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Listing Action
Action Code Flag: False
Action: Proposal for Confirmed Release List recommended
Further Action: 0
Comments: Not reported

Action ID: 9459
Region: Northwestern Region
Complete Date: 09/08/2006
Rank Value: Not reported
Cleanup Flag: True
Created Date: 09/08/2006
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: PRELIMINARY ASSESSMENT EQUIVALENT
Further Action: 0
Comments: Not reported

Action ID: 9499
Region: Northwestern Region
Complete Date: 09/08/2006
Rank Value: Not reported
Cleanup Flag: True
Created Date: 09/08/2006
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Listing Action

CENTRAL SERVICE CENTER (Continued) **U000432123**

Action Code Flag: False
Action: Proposal for Inventory recommended
Further Action: 0
Comments: Not reported

Action ID: 9470
Region: Northwestern Region
Complete Date: 09/08/2006
Rank Value: 90
Cleanup Flag: False
Created Date: 09/08/2006
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Other remedial or investigative action recommended
Further Action: High
Comments: Not reported

Action ID: 9521
Region: Northwestern Region
Complete Date: 09/22/2006
Rank Value: Not reported
Cleanup Flag: False
Created Date: 09/22/2006
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: OPTN
Further Action: 0
Comments: Not reported

Action ID: 9519
Region: Northwestern Region
Complete Date: 02/01/2007
Rank Value: Not reported
Cleanup Flag: False
Created Date: 12/21/2006
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: VCS Waiting List
Further Action: 0
Comments: Not reported

Action ID: 9438
Region: Northwestern Region
Complete Date: 04/30/2007
Rank Value: Not reported
Cleanup Flag: False
Created Date: 04/30/2007
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Listing Action
Action Code Flag: False

CENTRAL SERVICE CENTER (Continued) **U000432123**

Action: Facility placed on Confirmed Release List
Further Action: 0
Comments: Not reported

Action ID: 9439
Region: Northwestern Region
Complete Date: 04/30/2007
Rank Value: Not reported
Cleanup Flag: False
Created Date: 04/30/2007
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Listing Action
Action Code Flag: False
Action: Facility placed on Inventory
Further Action: 0
Comments: Not reported

Operations:

Operation Id: 132819
Operation Status: Active
Common Name: Northwest Natural Gas Company
Yrs of Operation: 1958 -
Comments: Facility now operated as a Central Service Center for NW Natural Gas Company.
Updated Date: 08/17/2006
Updated By: SFORTUN
Decode for OpstatID: Active

Operation Id: 135200
Operation Status: Inactive
Common Name: Portland Gas & Coke Company
Yrs of Operation: 1901? - 1958
Comments: The company changed its name from Portland Gas & Coke Company to Northwest Natural Gas Company in July 1958.
Updated Date: 09/14/2006
Updated By: SFORTUN
Decode for OpstatID: Inactive

LUST:

Region: North Western Region
Facility ID: 26-92-0217
Cleanup Received Date: 07/08/1992
Cleanup Start Date: 07/08/1992
Cleanup Complete Date: 04/16/1996
Decode for Region: North West Region

Region: North Western Region
Facility ID: 26-95-0218
Cleanup Received Date: 08/23/1995
Cleanup Start Date: 08/23/1995
Cleanup Complete Date: 04/16/1996
Decode for Region: North West Region

UST:

Facility ID: 1539
Facility Telephone: (503)226-4211

CENTRAL SERVICE CENTER (Continued) **U000432123**

Permittee Name: J.F. RUSSO, MANAGER
Number of Permitted Tanks: Not reported
Active Tanks: Not reported
Decommissioned Tanks: 4
Number of Tanks: 4

OR BROWNFIELDS:
Geolocation Id: 1791
Status: NO FURTHER STATE ACTION REQUIRED
Lat/Long: 45.5034 / -122.656

OR UIC:
UIC Well #: 1
Type: 5D4
Type Description: Industrial Storm Water Drainage
Status: Formal Closure
UIC Number: 13269
Facility Status: Formal Closure
Lat/Long: 45.503399 / -122.6572

UIC Well #: 2
Type: 5D4
Type Description: Industrial Storm Water Drainage
Status: Formal Closure
UIC Number: 13269
Facility Status: Formal Closure
Lat/Long: 45.503399 / -122.6572

UIC Well #: 3
Type: 5D4
Type Description: Industrial Storm Water Drainage
Status: Formal Closure
UIC Number: 13269
Facility Status: Formal Closure
Lat/Long: 45.503399 / -122.6572

UIC Well #: 4
Type: 5D4
Type Description: Industrial Storm Water Drainage
Status: Formal Closure
UIC Number: 13269
Facility Status: Formal Closure
Lat/Long: 45.503399 / -122.6572

UIC Well #: 5
Type: 5D4
Type Description: Industrial Storm Water Drainage
Status: Formal Closure
UIC Number: 13269
Facility Status: Formal Closure
Lat/Long: 45.503399 / -122.6572

UIC Well #: 6
Type: 5D4
Type Description: Industrial Storm Water Drainage
Status: Formal Closure

CENTRAL SERVICE CENTER (Continued) **U000432123**

UIC Number: 13269
Facility Status: Formal Closure
Lat/Long: 45.503399 / -122.6572

UIC Well #: 7
Type: 5D4
Type Description: Industrial Storm Water Drainage
Status: Formal Closure
UIC Number: 13269
Facility Status: Formal Closure
Lat/Long: 45.503399 / -122.6572

UIC Well #: 8
Type: 5D4
Type Description: Industrial Storm Water Drainage
Status: Formal Closure
UIC Number: 13269
Facility Status: Formal Closure
Lat/Long: 45.503399 / -122.6572

UIC Well #: 9
Type: 5D4
Type Description: Industrial Storm Water Drainage
Status: Formal Closure
UIC Number: 13269
Facility Status: Formal Closure
Lat/Long: 45.503399 / -122.6572

UIC Well #: 10
Type: 5D4
Type Description: Industrial Storm Water Drainage
Status: Formal Closure
UIC Number: 13269
Facility Status: Formal Closure
Lat/Long: 45.503399 / -122.6572

UIC Well #: 11
Type: 5D4
Type Description: Industrial Storm Water Drainage
Status: Formal Closure
UIC Number: 13269
Facility Status: Formal Closure
Lat/Long: 45.503399 / -122.6572

UIC Well #: 12
Type: 5D4
Type Description: Industrial Storm Water Drainage
Status: Formal Closure
UIC Number: 13269
Facility Status: Formal Closure
Lat/Long: 45.503399 / -122.6572

UIC Well #: 13
Type: 5D4
Type Description: Industrial Storm Water Drainage
Status: Not Installed
UIC Number: 13269

CENTRAL SERVICE CENTER (Continued) **U000432123**

Facility Status: Formal Closure
Lat/Long: 45.503399 / -122.6572

UIC Well #: 14
Type: 5D4
Type Description: Industrial Storm Water Drainage
Status: Formal Closure
UIC Number: 13269
Facility Status: Formal Closure
Lat/Long: 45.503399 / -122.6572

423
NW
1/2-1
0.899 mi.
4749 ft.

NORTH WATERFRONT PARK **OR ECSI** **S105613783**
100-500 NW FRONT AVE. **N/A**
PORTLAND, OR 97209

Relative:
Lower

Actual:
26 ft.

ECSI:
State ID Number: 876
Brown ID: 0
Study Area: True
Region ID: 2
Legislatve ID: 0
Investigation: Suspect
FACA ID: 8900
Further Action: 0
Lat/Long (dms): 45 31 28.20 / -122 40 11.30
County Code: 26.00
Score Value: Not reported
Cerclis ID: Not reported
Township Coord.: 1.00
Township Zone: N
Range Coord: 1.00
Range Zone: E
Section Coord: 34
Qtr Section: Not reported
Tax Lots: Not reported
Size: about 5 acres
NPL: False
Orphan: False
Updated By: GWISTAR
Update Date: 07/09/2014
Created Date: 04/24/1989
Decode For RegionID: Northwest Region
Decode For BrownID: Not reported
Decode For Furtheract: Not reported
Decode For Investstat: Suspect
Decode For Legislative: Not reported
Alias Name: Portland Development Commission (PDC)

Hazardous Release:
Substance ID.: 121608
Haz Release ID: 385466
Qty Released: unknown
Date Released: unknown
Update Date: 04/24/1989
Update By: Not reported
Substance Code: 71-43-2

NORTH WATERFRONT PARK (Continued) **S105613783**

Substance Name: BENZENE
Substance Abbrev.: Not reported
Substance Category ID: 8502
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8502
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 319178
Sub Alias Name: BENZOL
Substance Alias ID: 319179
Sub Alias Name: COAL NAPTHA
Substance Alias ID: 319180
Sub Alias Name: CYCLOHEXATRIENE
Substance Alias ID: 319181
Sub Alias Name: PHENE
Substance Alias ID: 319182
Sub Alias Name: PYROBENZOL
Sampling Result ID: 346625
Feature Id: Not reported
Hazard Release Id: 385466
Medium: 698
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: Not reported
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: 11 ppb
Last Update By: CONV
Update Date: 09/13/1994
Decode for MediumID: Groundwater

Substance ID.: 120883
Haz Release ID: 385467
Qty Released: unknown
Date Released: unknown
Update Date: 04/24/1989
Update By: Not reported
Substance Code: 108-88-3
Substance Name: TOLUENE
Substance Abbrev.: Not reported
Substance Category ID: 8520
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8520
Substance Category: Volatiles

NORTH WATERFRONT PARK (Continued) **S105613783**

Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 316466
Sub Alias Name: BENZENE,METHYL-
Substance Alias ID: 316467
Sub Alias Name: METHACIDE
Substance Alias ID: 316468
Sub Alias Name: METHYLBENZENE
Substance Alias ID: 316469
Sub Alias Name: METHYLBENZOL
Substance Alias ID: 316470
Sub Alias Name: PHENYLMETHANE
Substance Alias ID: 316471
Sub Alias Name: TOLUOL
Sampling Result ID: 337498
Feature Id: Not reported
Hazard Release Id: 385467
Medium: 703
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: Not reported
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: 0.2 ppb
Last Update By: CONV
Update Date: 09/13/1994
Decode for MediumID: Soil
Sampling Result ID: 345057
Feature Id: Not reported
Hazard Release Id: 385467
Medium: 698
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: Not reported
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: 6.9 ppb
Last Update By: CONV
Update Date: 09/13/1994
Decode for MediumID: Groundwater

Substance ID.: 121051
Haz Release ID: 385468
Qty Released: unknown
Date Released: unknown
Update Date: 04/24/1989

NORTH WATERFRONT PARK (Continued) **S105613783**

Update By: Not reported
Substance Code: 1330-20-7
Substance Name: XYLENEs
Substance Abbrev.: Not reported
Substance Category ID: 8526
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8526
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 317017
Sub Alias Name: DIMETHYLBENZENEs
Substance Alias ID: 317018
Sub Alias Name: XYLOLs
Sampling Result ID: 346626
Feature Id: Not reported
Hazard Release Id: 385468
Medium: 698
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: Not reported
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: 35.4 ppb
Last Update By: CONV
Update Date: 09/13/1994
Decode for MediumID: Groundwater
Sampling Result ID: 346756
Feature Id: Not reported
Hazard Release Id: 385468
Medium: 703
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: Not reported
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: 4.7 ppb
Last Update By: CONV
Update Date: 09/13/1994
Decode for MediumID: Soil

Substance ID.: 120781
Haz Release ID: 383348

NORTH WATERFRONT PARK (Continued) **S105613783**

Qty Released: unknown
Date Released: unknown
Update Date: 04/24/1989
Update By: Not reported
Substance Code: 100-41-4
Substance Name: ETHYLBENZENE
Substance Abbrev.: Not reported
Substance Category ID: 8515
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8515
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 316146
Sub Alias Name: ETHYLBENZOL
Substance Alias ID: 316147
Sub Alias Name: PHENYLETHANE
Sampling Result ID: 345654
Feature Id: Not reported
Hazard Release Id: 383348
Medium: 698
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: Not reported
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: 31.8 ppb
Last Update By: CONV
Update Date: 09/13/1994
Decode for MediumID: Groundwater
Sampling Result ID: 345655
Feature Id: Not reported
Hazard Release Id: 383348
Medium: 703
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: Not reported
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: 5.4 ppb
Last Update By: CONV
Update Date: 09/13/1994
Decode for MediumID: Soil

NORTH WATERFRONT PARK (Continued) **S105613783**

Narrative:

NARR ID: 5726194
NARR Code: Contamination
Created By: Not reported
Created Date: 12/17/2002
Updated By: DHAFLEY
Updated Date: 07/07/2014
Decode for NarcdID: Contamination
NARR Comments: (2/6/92 ALB/SAS) In 1988, the Portland Development Commission (PDC) had an environmental audit of the site performed as a prelude to development of the site. The history of the site was uncertain, and the PDC apparently was concerned that contamination found on neighboring sites might have impacted this site. Soil borings and analysis of soil and groundwater samples indicated the site holds construction rubble, some oily soils, some coal tar residues, and low levels of gasoline constituents. The oily soil was detected near the south end of the site while the BTEX and coal tar constituents were found at the north end at a depth of 30 - 31.5 feet. The Old Town Parking/Helistop Structure (ECSI #383) site is across Front Avenue from the middle portion of the site. It appears that during the period of operation of the coal gasification plant near this site, coal tar residues were deposited rather widely in the area. Coal tar residues are of extremely low mobility and are generally considered to be a low-level hazard, in the absence of organic solvents. While samples did indicate the presence of BTEX compounds often associated with gasoline, neither gasoline nor diesel were detected. The benzene contamination in the groundwater exceeds the the federal drinking water standard. Groundwater in the area is not likely to be used for drinking purposes, however. Available information indicates that area wells are air conditioning and other industrial application wells, which appear to draw from deeper aquifers. The contamination is not believed to be presently posing a threat to human health or the environment. (7/16/92 KPD/SAS) The coal tar contaminants at the north end of the park came from the Portland Gas Manufacturing site (ECSI #1138), the site of a former coal gasification plant. The Old Town Parking site (formerly Broadway Cab) is active in the Site Response Section. The source of the contaminants at the south end of the park is unknown.

NARR ID: 5726195
NARR Code: Data Sources
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Data Sources
NARR Comments: Correspondence FROM owner and/or operator. Environmental Audit.

NARR ID: 5726196
NARR Code: Hazardous Substance/Waste Types
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Hazardous Substance/Waste Types
NARR Comments: benzene, toluene, xylene, ethylbenzene

NORTH WATERFRONT PARK (Continued) **S105613783**

NARR ID: 5726197
NARR Code: Site Location
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Site Location
NARR Comments: Between NW Front Avenue, the Willamette River, Burnside Bridge and Steel Bridge.

NARR ID: 5726198
NARR Code: Manner of Release
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Manner of Release
NARR Comments: Coal tars released from gasification plant 1860-1913; gasoline probably released from underground storage tanks in the 1950s; manner and time of release of other contaminants unknown.

NARR ID: 5726199
NARR Code: Remedial Action
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Remedial Action
NARR Comments: (2/6/92 ALB/SAS) Site Assessment has reviewed the site files and determined that the contamination does not pose an immediate threat through direct contact or drinking water use. It is recommended that no action be taken on this site until the results of the Site Response project (ECSI #383) soil/gas survey are received and evaluated. (7/16/92 KPD/SAS) Contamination from Broadway Cab has not spread to Waterfront Park. However, Site Assessment recommends a Preliminary Assessment (PA) to more fully evaluate site contamination and exposure pathways.

NARR ID: 5755196
NARR Code: 1922
Created By: DHAFLEY
Created Date: 07/07/2014
Updated By: GWISTAR
Updated Date: 07/09/2014
Decode for NarcdID: Current Site Summary Statement
NARR Comments: [July 2014] North Waterfront Park is an old site and a <quot>Study Area<quot> with several adjacent member sites, such as Broadway Cab/Old Town Helistop (ECSI# 383) and Portland Gas Manufacturing (PGM - ECSI#1138). A NFA has been issued for Broadway Cab, and a DEQ source control evaluation is ongoing at PGM. While no DEQ action is anticipated at the North Waterfront Park site, additional work may occur in the future on adjacent sites added to the Study Area.

Administrative Action:
Action ID: 9413
Region: Northwestern Region
Complete Date: 07/09/2014
Rank Value: Not reported

NORTH WATERFRONT PARK (Continued) **S105613783**

Cleanup Flag: False
Created Date: 07/09/2014
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Closeout activities on completed project
Further Action: 0
Comments: Not reported

Action ID: 9425
Region: Headquarters
Complete Date: 02/04/1992
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Remedial Action
Action Code Flag: False
Action: SITE EVALUATION
Further Action: Not reported
Comments: Not reported

Action ID: 9437
Region: Headquarters
Complete Date: 02/05/1992
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Listing Action
Action Code Flag: False
Action: Listing Review completed
Further Action: Not reported
Comments: Not reported

Action ID: 9426
Region: Headquarters
Complete Date: 07/16/1992
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Remedial Action
Action Code Flag: False
Action: SITE PRIORITY EVALUATION FOR FURTHER ACTION
Further Action: Not reported
Comments: Not reported

Action ID: 9424
Region: Headquarters
Complete Date: Not reported
Rank Value: 0
Cleanup Flag: False

NORTH WATERFRONT PARK (Continued) **S105613783**

Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Administrative Action
Action Code Flag: False
Action: Site added to database
Further Action: Not reported
Comments: Not reported

Action ID: 9449
Region: Headquarters
Complete Date: Not reported
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Listing Action
Action Code Flag: False
Action: Insufficient information to list
Further Action: Not reported
Comments: Not reported

Action ID: 9496
Region: Headquarters
Complete Date: 07/16/1992
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Remedial Action
Action Code Flag: False
Action: State Basic Preliminary Assessment recommended (PA)
Further Action: Low
Comments: Not reported

Operations:
Operation Id: 132177
Operation Status: Active
Common Name: North Waterfront Park
Yrs of Operation: 1990 to present
Comments: Park
Updated Date: 02/26/1996
Updated By: kpd
Decode for OpstatID: Active
Operations SIC Id: 197960
SIC Code: 4925
Created By: Not reported
Created Date: 12/17/2002

424
NNW
1/2-1
0.937 mi.
4945 ft.

PORTLAND STREETCAR LOOP
MLK BLVD & GRAND AVE
PORTLAND, OR 97232

OR ECSI **S110818297**
OR VCP **N/A**

Relative:
Higher

Actual:
124 ft.

ECSI:

State ID Number:	5527
Brown ID:	0
Study Area:	False
Region ID:	2
Legislatve ID:	0
Investigation:	Suspect
FACA ID:	112476
Further Action:	0
Lat/Long (dms):	45 31 48.00 / -122 39 37.80
County Code:	26.00
Score Value:	Not reported
Cerclis ID:	Not reported
Township Coord.:	1.00
Township Zone:	N
Range Coord:	1.00
Range Zone:	E
Section Coord:	35
Qtr Section:	Not reported
Tax Lots:	Not reported
Size:	3.3 linear miles
NPL:	False
Orphan:	False
Updated By:	KDANA
Update Date:	01/31/2012
Created Date:	03/01/2011
Decode For RegionID:	Northwest Region
Decode For BrownID:	Not reported
Decode For Furtheract:	Not reported
Decode For Investstat:	Suspect
Decode For Legislative:	Not reported

Narrative:

NARR ID:	5753469
NARR Code:	Contamination
Created By:	KDANA
Created Date:	08/03/2011
Updated By:	KDANA
Updated Date:	03/21/2012
Decode for NarcdID:	Contamination

NARR Comments: (01/31/2012 KPD/ICP) Contamination was encountered at eight separate locations along the project alignment: 1) Petroleum-contaminated soils (PCS) associated with a former manufactured gas plant were encountered beneath roadways surrounding the intersection of NW 9th Avenue and Lovejoy Street. Sampling identified diesel, heavy oil, and PAHs in the soil, and 417 ppb diesel in the groundwater (23-25 ft bgs). 2) Lead-contaminated paint was sandblasted off of the Broadway Bridge from March-August 2010. Samples of the paint chips found total lead concentrations ranging from 26,900 parts per million to 121,000 ppm. 3) An underground storage tank (UST) was identified near the NE corner of the intersection of NE Weidler Street & Victoria Avenue in April 2011. The site address was given as 51 NE Weidler Street. PCS was identified atop the tank, a sample of which found 4,630 ppm gasoline and 883 ppm diesel. 4) A 370-gallon capacity UST was

PORTLAND STREETCAR LOOP (Continued) **S110818297**

discovered on the SE corner of NE 2nd & Broadway in February 2010. Sampling found up to 726 ppm gasoline in the soil. 5) A pole for the overhead catenary system (OCS) was installed on the north side of NE Broadway between MLK & Grand (at 425 NE Broadway). Sampling found 279 ppm gasoline in the excavation hole. 6) An OCS pole needed to be installed at 418 SE Grand Avenue, where a basement for the adjacent building extended beneath the sidewalk. The pole was ultimately installed through the sidewalk and through the basement. In February 2011, PCS was encountered beneath the basement floor in the excavation for the pole foundation. A soil sample from 2 feet below the floor (10 ft bgs) found 1,480 ppm diesel and 1,320 ppm heavy oil, along with low levels of PAHs. 7) PCS was encountered beneath the intersection of SE MLK Jr Blvd & Alder Street during installation of a manhole and sewer pipe. 8) The OMSI Viaduct was built to carry the Streetcar line over existing railroad tracks, and extends from SE MLK at Harrison Street to SE Water Avenue. In September 2009, soil samples were collected from borings at the south end of the viaduct. The samples found up to 154 ppm diesel and 1,280 ppm heavy oil, along with 396 ppm lead. Soil sampling at Bent 3 (between the railroad tracks) in April 2010 found up to 672 ppm lube oil. (See ECSI #5392 for more information on the OMSI Viaduct).

NARR ID: 5753466
NARR Code: Data Sources
Created By: KDANA
Created Date: 08/03/2011
Updated By: KDANA
Updated Date: 03/21/2012
Decode for NarcdID: Data Sources
NARR Comments: January 2012 <quot>Environmental Project Summary Report<quot> See Also: ECSI #1279 (Broad Spectrum Electronics) ECSI #5392 (OMSI Viaduct) LUST #26-94-0208 (Johnston Brothers Contracting) LUST #26-07-1727 (ConocoPhillips #2705460) LUST #26-10-0425 (Broadway Furniture)

NARR ID: 5753468
NARR Code: Hazardous Substance/Waste Types
Created By: KDANA
Created Date: 08/03/2011
Updated By: KDANA
Updated Date: 01/30/2012
Decode for NarcdID: Hazardous Substance/Waste Types
NARR Comments: Petroleum-contaminated soil and lead-contaminated paint

NARR ID: 5753816
NARR Code: Project Issues Summary
Created By: KDANA
Created Date: 01/30/2012
Updated By: KDANA
Updated Date: 01/31/2012
Decode for NarcdID: Project Issues Summary
NARR Comments: (01/31/2012 KPD/ICP) In addition to the contaminated areas, seven potential underground storage tanks were encountered along the project alignment but were not sampled or decommissioned: 1) A potential UST was encountered along NE Broadway between 3rd Ave & MLK Jr Blvd. The address was given as 307 NE Broadway. The UST was left in place beneath a landscape planter. 2) A potential UST was

PORTLAND STREETCAR LOOP (Continued) **S110818297**

encountered on the north side of NE Weidler Street (beneath the sidewalk) west of MLK Jr Blvd in January 2010. The location was given as 76 ft west of MLK and 9 ft east of a utility pole. 3) A potential UST was encountered on the east side of NE Grand Avenue (beneath the sidewalk) south of Holladay Street in April 2010. The UST was described as being 1.5 ft west of the overhead catenary system (OCS) pole. The site address of the adjacent building was 518 NE Grand Avenue. 4) A potential UST was encountered on the east side of NE Grand Avenue (beneath the sidewalk) between Irving & Oregon Streets in April 2010. The UST was described as being 13 ft north of the OCS pole. 5) A potential UST was encountered on the SE corner of the intersection of Grand Ave & Burnside in March 2010. A Streetcar station is now located on the corner. However, a cap for the tank fill pipe is reportedly still visible in the sidewalk. 6) A potential UST was encountered on the west side of SE Martin Luther King Jr Blvd (beneath the sidewalk) midway between Oak & Stark Streets. The tank reportedly was already filled with grout (i.e. had been decommissioned in-place). 7) A potential UST was encountered on the east side of SE Grand Avenue between Alder & Morrison Streets. The UST was described as being 35 ft south of the OCS pole.

NARR ID: 5752936
NARR Code: Site Location
Created By: KDANA
Created Date: 03/01/2011
Updated By: KDANA
Updated Date: 07/20/2011
Decode for NarcdID: Site Location
NARR Comments: The project area extends from NW 10th and Lovejoy east across the Broadway Bridge and along Broadway and Weidler, then south on NE Grand Ave. and 7th Ave. to Oregon St., then south along MLK Jr. Blvd. and Grand Ave. to SE Stephens St., then over a viaduct to SE Water Ave. near OMSI.

NARR ID: 5753814
NARR Code: Remedial Action
Created By: KDANA
Created Date: 01/30/2012
Updated By: KDANA
Updated Date: 03/21/2012
Decode for NarcdID: Remedial Action
NARR Comments: (01/31/2012 KPD/ICP) Removals were conducted at seven separate locations along the project alignment. Except as indicated, the removals were of petroleum-contaminated soil (PCS). NW 9th & Lovejoy - A total of 624.7 tons of PCS were removed from around the intersection and shipped to the Hillsboro Landfill for disposal. 51 NE Weidler St - A total of 14.32 tons of PCS were excavated from atop the UST and shipped to the Hillsboro Landfill for disposal. The soil was removed from the bottom 6-8 inches of the planter between Victoria & 1st Avenue on Weidler. The UST was not decommissioned. 228 NE Broadway - About 9 tons of PCS were excavated from around the UST and shipped to the Hillsboro Landfill for disposal. The UST was decommissioned in-place with controlled-density fill (CDF). 425 NE Broadway - About 12.5 tons of PCS were removed from an OCS pole excavation and disposed of at the Hillsboro Landfill. 418 SE Grand Ave - Approximately 5 cubic yards (9.1 tons) of PCS and 500 gallons of groundwater were removed from an OCS pole excavation and disposed

PORTLAND STREETCAR LOOP (Continued) **S110818297**

of at the Hillsboro Landfill. SE MLK & Alder - Approximately 20 cubic yards of PCS were removed from beneath the intersection and disposed of at the Hillsboro Landfill. OMSI Viaduct - A total of 937.01 tons of PCS were removed as part of the viaduct construction and shipped to the Hillsboro Landfill for disposal. Contaminated soils were excavated from Bent 2 (200.51 tons), Bent 3 (213.59 tons), and Bent 4 (17.19 tons), as well as for construction of the south ramp (505.72 tons). No contaminated soil was excavated from Bent 1. (See ECSI #5392 for more information on the OMSI Viaduct).

NARR ID: 5753467
NARR Code: Site History
Created By: KDANA
Created Date: 08/03/2011
Updated By: KDANA
Updated Date: 01/30/2012
Decode for NarcdID: Site History
NARR Comments: In early 2008, Metro completed an Environmental Assessment for an extension of the streetcar line to the east side of the Willamette River. The Federal Transit Administration approved a Finding of No Significant Impact in July 2008. Project construction began in August 2009 and was largely completed in January 2012.

Administrative Action:
Action ID: 9424
Region: Not reported
Complete Date: 03/01/2011
Rank Value: Not reported
Cleanup Flag: False
Created Date: 03/01/2011
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Administrative Action
Action Code Flag: False
Action: Site added to database
Further Action: Not reported
Comments: Not reported

Action ID: 9433
Region: Northwestern Region
Complete Date: 01/31/2012
Rank Value: Not reported
Cleanup Flag: False
Created Date: 03/01/2011
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: INDEPENDENT CLEANUP
Further Action: 0
Comments: Not reported

Action ID: 9413
Region: Northwestern Region
Complete Date: 01/31/2012
Rank Value: Not reported
Cleanup Flag: False
Created Date: 01/30/2012

PORTLAND STREETCAR LOOP (Continued) **S110818297**

Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Closeout activities on completed project
Further Action: 0
Comments: Not reported

VCS:
ECS Site ID: 5527
Facility Size: 3.3 linear miles
Action: Closeout activities on completed project
Start Date: 01/25/2012
End Date: 01/31/2012
Facility Status: Completed
Program: ICP
Latitude: 45.53
Longitude: -122.6605

DM425 **PDC - BLOCK 8L DOWNTOWN WATERFRONT** **OR ECSI** **S112504466**
WNW **60 NW DAVIS ST.** **OR ENG CONTROLS** **N/A**
1/2-1 **PORTLAND, OR 97209** **OR INST CONTROL**
0.940 mi. **OR VCP**
4962 ft. **Site 1 of 2 in cluster DM** **OR UIC**

Relative:
Lower

Actual:
32 ft.

ECSI:
State ID Number: 5768
Brown ID: 0
Study Area: False
Region ID: 2
Legislatve ID: 0
Investigation: No Further Action
FACA ID: 125990
Further Action: 0
Lat/Long (dms): 45 31 27.80 / -122 40 15.20
County Code: 26.00
Score Value: Not reported
Cerclis ID: Not reported
Township Coord.: 1.00
Township Zone: N
Range Coord: 1.00
Range Zone: E
Section Coord: 34
Qtr Section: Not reported
Tax Lots: 200 & 202
Size: Approx 0.67 acres
NPL: False
Orphan: False
Updated By: GWISTAR
Update Date: 01/04/2018
Created Date: 11/28/2012
Decode For RegionID: Northwest Region
Decode For BrownID: Not reported
Decode For Furtheract: Not reported
Decode For Investstat: No Further Action
Decode For Legislative: Not reported
Alias Name: 38 Davis

PDC - BLOCK 8L DOWNTOWN WATERFRONT (Continued) **S112504466**

Narrative:

NARR ID: 5754528
NARR Code: Contamination
Created By: DHAFLEY
Created Date: 03/01/2013
Updated By: DHAFLEY
Updated Date: 03/01/2013
Decode for NarcdID: Contamination
NARR Comments: Petroleum, PAHs, and metals

NARR ID: 5754529
NARR Code: Disposals
Created By: DHAFLEY
Created Date: 03/01/2013
Updated By: DHAFLEY
Updated Date: 03/01/2013
Decode for NarcdID: Disposals
NARR Comments: Unknown disposal history. Site contamination appears to be related to former USTs, misc. site releases, and low-level contamination in fill brought onsite.

NARR ID: 5754530
NARR Code: Data Sources
Created By: DHAFLEY
Created Date: 03/01/2013
Updated By: DHAFLEY
Updated Date: 12/27/2017
Decode for NarcdID: Data Sources
NARR Comments: Phase I Environmental Site Assessment. Parametrix; August 15, 2003. Phase II Environmental Site Assessment. Parametrix; September 4, 2003. Focused Phase II Environmental Site Assessmsent. GRI; August 15, 2008. Supplemental Data Gap Investigation, Sampling and Analysis Plan. Parametrix; December 19, 2012. Remedial Investigation/Feasibility Study and Remedial Action Plan (draft). Parametrix; January 2013. Remedial Investigation/Feasibility Study and Remedial Action Plan (final). Parametrix; February 2013. DEQ Staff Report, March 2013. DEQ Record of Decision, April 30, 2013. Remedial Action Plan. Parametrix, March 2013. Contaminated Media Management Plan. Parametrix, March 2013. DEQ ROD Amendment. September 2014. Revised CMMP. Parametrix, September 2014. Health and Safety Plan. PBS Engineering + Environmental; March 2015. Site Construction Gantt Chart. Anderson Construction; March 16, 2015. Vapor Barrier Design Document. 2016. Construction Completion Report. GeoDesign; October 2017. DEQ Conditional NFA Determination (letter). December 27, 2017.

NARR ID: 5754531
NARR Code: General Site Description
Created By: DHAFLEY
Created Date: 03/01/2013
Updated By: DHAFLEY
Updated Date: 03/01/2013
Decode for NarcdID: General Site Description
NARR Comments: Site consists of an undeveloped 3/4 of a city block located between NW Davis and NW Couch, and NW 1st and NW Naito in downtown Portland. Site is owned by the PDC and planned for redevelopment as commercial or mixed commercial/urban residential use.

PDC - BLOCK 8L DOWNTOWN WATERFRONT (Continued) **S112504466**

NARR ID: 5754532
NARR Code: Hazardous Substance/Waste Types
Created By: DHAFLEY
Created Date: 03/01/2013
Updated By: DHAFLEY
Updated Date: 03/01/2013
Decode for NarcdID: Hazardous Substance/Waste Types
NARR Comments: Petroleum hydrocarbons, PAHs, and metals.

NARR ID: 5754533
NARR Code: Site Ownership
Created By: DHAFLEY
Created Date: 03/01/2013
Updated By: DHAFLEY
Updated Date: 03/01/2013
Decode for NarcdID: Site Ownership
NARR Comments: Portland Development Commission c/o Dave Obern

NARR ID: 5756970
NARR Code: Remedial Action
Created By: GWISTAR
Created Date: 01/04/2018
Updated By: GWISTAR
Updated Date: 01/04/2018
Decode for NarcdID: Remedial Action
NARR Comments: (DJH/VCP, 12/27/17) Remedial actions (capping and vapor barrier installation) were completed as part of site redevelopment. Construction is complete, with a mixed residential and business development covering the entire site. DEQ approved a Construction Completion Report, and is awaiting EES development. DEQ Conditional NFA issued for the site on December 27, 2017. Requires ongoing cap inspection and maintenance.

NARR ID: 5754534
NARR Code: 1922
Created By: DHAFLEY
Created Date: 03/01/2013
Updated By: DHAFLEY
Updated Date: 12/27/2017
Decode for NarcdID: Current Site Summary Statement
NARR Comments: Site is currently vacant, and being considered for redevelopment. Investigation starting in 2003 identified low to moderate levels of contaminants including TPH, PAHs, and metals is soil, with lesser contamination at depth. Groundwater in the far northeast site corner is impacted with volatile and semi-volatile organic compounds attributable to an off-site source. PDC has signed a letter agreement with DEQ (2012) requesting oversight of investigation and cleanup work. Additional characterization sampling (soil) requested by DEQ was completed in late 2012, and a RI/RA/FS report submitted in January 2013. Based on DEQ comments, the report was revised and resubmitted in February 2013. This report includes a proposed remedial action for the site consisting of limited soil excavation and installation of a soil vapor barrier and collection system in the northeast site corner. DEQ has approved the report, and will move forward with a staff report outlining the proposed remedy. May 1, 2013. A Record of Decision (ROD) for the site has been approved by DEQ outlining a site remedy. A Remedial Action Plan will follow at

PDC - BLOCK 8L DOWNTOWN WATERFRONT (Continued) **S112504466**

the discretion of the PDC. A Remedial Action Plan and Contaminated Media Management Plan were submitted in 2013 and approved by DEQ. In 2014, the PDC indicated that site development plans had changed, eliminating the need for some subsurface soil excavation. An alternative remedy focused on capping was proposed, and determined to be acceptable. DEQ prepared a ROD Amendment in August, and public notice completed in September on the revised remedy. A revised RAP and CMMP have been received and approved by DEQ. October 2017. Remedial actions (capping and vapor barrier installation) were completed as part of site redevelopment. Construction is complete, with a mixed residential and business development covering the entire site. DEQ approved a Construction Completion Report, and is awaiting EES development. Once completed, a conditional NFA will be issued for the site. DEQ Conditional NFA issued for the site on December 27, 2017. Requires ongoing cap inspection and maintenance.

Site Control:

Site Control #:	1135
Control Number:	36
Begin Date:	12/27/2017
End Date:	Not reported
Frequency Of Review:	12
Last Reviewed By:	Dan Hafley
Last Reviewed Date:	12/27/2017
Last Update By:	DHAFLEY
Last Updated Date:	12/27/2017
Site Comment:	Residual soil contamination covered by site development features including commercial/residential building, hardscape (sidewalks and paving), and landscaping.

Site Control #:	1136
Control Number:	1
Begin Date:	12/27/2017
End Date:	Not reported
Frequency Of Review:	0
Last Reviewed By:	Dan Hafley
Last Reviewed Date:	Not reported
Last Update By:	DHAFLEY
Last Updated Date:	12/27/2017
Site Comment:	Easement and equitable servitude recorded with property deed identifies nature of residual contamination at the site and requirement for long-term cap inspection and maintenance. Filed December 2017.

Site Control #:	1137
Control Number:	4
Begin Date:	12/27/2017
End Date:	Not reported
Frequency Of Review:	0
Last Reviewed By:	Dan Hafley
Last Reviewed Date:	Not reported
Last Update By:	DHAFLEY
Last Updated Date:	12/27/2017
Site Comment:	Use of groundwater from beneath the site is prohibited without prior approval by DEQ. Shallow groundwater, notably in the northeast site corner, contains environmental contaminants including petroleum hydrocarbons.

PDC - BLOCK 8L DOWNTOWN WATERFRONT (Continued) **S112504466**

Administrative Action:
Action ID: 9424
Region: Not reported
Complete Date: 11/28/2012
Rank Value: Not reported
Cleanup Flag: False
Created Date: 11/28/2012
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Administrative Action
Action Code Flag: False
Action: Site added to database
Further Action: Not reported
Comments: Not reported

Action ID: 9511
Region: Northwestern Region
Complete Date: 01/09/2013
Rank Value: Not reported
Cleanup Flag: False
Created Date: 11/28/2012
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: SITE INVESTIGATION
Further Action: 0
Comments: Not reported

Action ID: 9429
Region: Northwestern Region
Complete Date: 02/13/2013
Rank Value: Not reported
Cleanup Flag: False
Created Date: 03/01/2013
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: FEASIBILITY STUDY
Further Action: Medium-Low
Comments: Not reported

Action ID: 9494
Region: Northwestern Region
Complete Date: 04/30/2013
Rank Value: Not reported
Cleanup Flag: False
Created Date: 05/01/2013
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: RECORD OF DECISION
Further Action: 0
Comments: Not reported

PDC - BLOCK 8L DOWNTOWN WATERFRONT (Continued) **S112504466**

Action ID: 9473
Region: Northwestern Region
Complete Date: 06/26/2013
Rank Value: Not reported
Cleanup Flag: False
Created Date: 06/26/2013
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: REMEDIAL DESIGN
Further Action: Medium
Comments: Not reported

Action ID: 9469
Region: Northwestern Region
Complete Date: 10/13/2017
Rank Value: Not reported
Cleanup Flag: False
Created Date: 06/26/2013
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: REMEDIAL ACTION
Further Action: 0
Comments: Not reported

Action ID: 9473
Region: Northwestern Region
Complete Date: 09/22/2014
Rank Value: Not reported
Cleanup Flag: False
Created Date: 09/22/2014
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: REMEDIAL DESIGN
Further Action: 0
Comments: Not reported

Action ID: 9435
Region: Northwestern Region
Complete Date: Not reported
Rank Value: Not reported
Cleanup Flag: False
Created Date: 11/28/2014
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Independent Cleanup Program
Further Action: 0
Comments: Not reported

Action ID: 9413

PDC - BLOCK 8L DOWNTOWN WATERFRONT (Continued) **S112504466**

Region: Northwestern Region
Complete Date: 12/26/2017
Rank Value: Not reported
Cleanup Flag: False
Created Date: 10/13/2017
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Closeout activities on completed project
Further Action: Low
Comments: Not reported

Action ID: 9411
Region: Northwestern Region
Complete Date: 12/27/2017
Rank Value: Not reported
Cleanup Flag: False
Created Date: 12/27/2017
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: No Further Action (Conditional)
Further Action: 0
Comments: Not reported

Action ID: 9450
Region: Northwestern Region
Complete Date: Not reported
Rank Value: Not reported
Cleanup Flag: False
Created Date: 12/27/2017
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: OPERATION and MAINTENANCE
Further Action: 0
Comments: Not reported

Enginering Control:
Site Control Sequence #: 1135
Site Id: 5768
Control Sequence #: 36
Begin Date: 12/27/2017
End Date: Not reported
Frequency Of Review: 12
Last Reviewed By: Dan Hafley
Last Review Date: 12/27/2017
Last Updated By: DHAFLEY
Last Updated Date: 12/27/2017
Group Sequence #: 9
Control Code: CPE
Control Description: Cap, engineered
FK Type Code: 2
Group Code: SB

PDC - BLOCK 8L DOWNTOWN WATERFRONT (Continued) **S112504466**

Group Description: Surface Barriers
Type Code: E
Type Description: Engineering
Comments: Residual soil contamination covered by site development features including commercial/residential building, hardscape (sidewalks and paving), and landscaping.

Institutional Control:
Site Control Sequence #: 1137
Site Id: 5768
Control Sequence #: 4
Begin Date: 12/27/2017
End Date: Not reported
Frequency Of Review: 0
Last Reviewed By: Dan Hafley
Last Review Date: Not reported
Last Updated By: DHAFLEY
Last Updated Date: 12/27/2017
Group Sequence #: 2
Control Code: USG
Control Description: Use Restriction Groundwater
FK Type Code: 1
Group Code: PR
Group Description: Proprietary
Type Code: I
Type Description: Institutional
Comments: Use of groundwater from beneath the site is prohibited without prior approval by DEQ. Shallow groundwater, notably in the northeast site corner, contains environmental contaminants including petroleum hydrocarbons.

Site Control Sequence #: 1136
Site Id: 5768
Control Sequence #: 1
Begin Date: 12/27/2017
End Date: Not reported
Frequency Of Review: 0
Last Reviewed By: Dan Hafley
Last Review Date: Not reported
Last Updated By: DHAFLEY
Last Updated Date: 12/27/2017
Group Sequence #: 1
Control Code: DN
Control Description: Deed Notice
FK Type Code: 1
Group Code: ID
Group Description: Informational Devices
Type Code: I
Type Description: Institutional
Comments: Easement and equitable servitude recorded with property deed identifies nature of residual contamination at the site and requirement for long-term cap inspection and maintenance. Filed December 2017.

VCS:
ECS Site ID: 5768

PDC - BLOCK 8L DOWNTOWN WATERFRONT (Continued) **S112504466**

Facility Size:	Approx 0.67 acres
Action:	No Further Action (Conditional)
Start Date:	12/27/2017
End Date:	12/27/2017
Facility Status:	Completed
Program:	VCP
Latitude:	45.5244
Longitude:	-122.6709

OR UIC:

UIC Well #:	1
Type:	5D2
Type Description:	Storm Water Drainage
Status:	Formal Closure
UIC Number:	15057
Facility Status:	Formal Closure
Lat/Long:	45.524429 / -122.671

426
SSW
1/2-1
0.950 mi.
5017 ft.

ODOT - MLK/GRAND VIADUCT PROJECT **OR ECSI** **S107421159**
HWY 99E, MP 1.0 - 1.4 **N/A**
PORTLAND, OR 97202

Relative:
Lower

Actual:
67 ft.

ECSI:

State ID Number:	4517
Brown ID:	0
Study Area:	False
Region ID:	2
Legislatve ID:	831
Investigation:	Suspect
FACA ID:	90338
Further Action:	0
Lat/Long (dms):	45 30 12.60 / -122 39 38.50
County Code:	26.00
Score Value:	Not reported
Cerclis ID:	Not reported
Township Coord.:	1.00
Township Zone:	S
Range Coord:	1.00
Range Zone:	E
Section Coord:	2
Qtr Section:	Not reported
Tax Lots:	Sections 2 & 11
Size:	Not reported
NPL:	False
Orphan:	False
Updated By:	GWISTAR
Update Date:	05/23/2007
Created Date:	10/10/2005
Decode For RegionID:	Northwest Region
Decode For BrownID:	Not reported
Decode For Furtheract:	Not reported
Decode For Investstat:	Suspect
Decode For Legislative:	Owner, operator or other party under agreement, order or consent decree under ORS 465.200 or 465.420

ODOT - MLK/GRAND VIADUCT PROJECT (Continued) **S107421159**

Narrative:

NARR ID: 5747309
NARR Code: Contamination
Created By: JWAGGY
Created Date: 10/10/2005
Updated By: JWAGGY
Updated Date: 10/10/2005
Decode for NarcdID: Contamination
NARR Comments: (10/10/05 MR/ICP) Unknown, ODOT road improvement project, on-going soil investigation.

NARR ID: 5749324
NARR Code: General Site Description
Created By: GWISTAR
Created Date: 05/23/2007
Updated By: GWISTAR
Updated Date: 05/23/2007
Decode for NarcdID: General Site Description
NARR Comments: (10/11/05 MR/ICP) This is a road-improvement project that involves soil investigations along the new road and overpass right-of-way. ODOT owns all properties.

NARR ID: 5747307
NARR Code: Site Location
Created By: JWAGGY
Created Date: 10/10/2005
Updated By: GWISTAR
Updated Date: 05/23/2007
Decode for NarcdID: Site Location
NARR Comments: Various properties along Hwy 99E between milepost 1.0 and 1.4.

NARR ID: 5752293
NARR Code: Remedial Action
Created By: BSCHWAR
Created Date: 07/02/2010
Updated By: BSCHWAR
Updated Date: 07/02/2010
Decode for NarcdID: Remedial Action
NARR Comments: In April 2006 construction began on the OR99E: Division Street - Ross Island Bridge Project. This project was the first phase of a larger one involving replacement of the MLK and Grand viaduct structures that cross over Division Street and the Union Pacific Railroad right-of-way near OMS1 in Portland. Environmental activities associated with this construction project include the following: - Two dry wells were cleaned out and backfilled with slurry on January 30, 2006 by ODOT's contractor (UIC #12598; 2505 SE Grand Ave, Portland) - On July 5, 2006, DEQ issued a Solid Waste Permit Exemption, under which approximately 10,300 cubic meters of soil with low levels of contamination were placed in utility trenches within the construction site. A copy of the exemption letter is attached. - On April 9, 2007, DEQ provided a letter concurring with a proposal by ODOT that soil at depths to 4 feet be disposed of at a permitted landfill. Deeper soil could be left in place because sample results indicate that contamination in this soil does not exceed safe levels for construction workers. - Dry wells were discovered on a portion of the site formerly occupied by Commercial Iron Works. These were referred to DEQ's UIC Program. - VOC contamination in soil was

ODOT - MLK/GRAND VIADUCT PROJECT (Continued) **S107421159**

discovered in 2009 at a location where ODOT needed to drive piles. The concern was that the piles could drive contamination down into groundwater. One solution we considered was to require a bentonite plug at the top of the piles. However, we then learned that reinforced concrete pile caps at the top of the piles would be installed anyway, and would serve this purpose.

Administrative Action:
Action ID: 9495
Region: Northwestern Region
Complete Date: 10/01/2009
Rank Value: Not reported
Cleanup Flag: False
Created Date: 01/07/2014
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Other recommendation
Further Action: 0
Comments: Not reported

Action ID: 9424
Region: Not reported
Complete Date: 10/10/2005
Rank Value: Not reported
Cleanup Flag: False
Created Date: 10/10/2005
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Administrative Action
Action Code Flag: False
Action: Site added to database
Further Action: Not reported
Comments: Not reported

Action ID: 9435
Region: Northwestern Region
Complete Date: Not reported
Rank Value: Not reported
Cleanup Flag: False
Created Date: 10/10/2005
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Independent Cleanup Program
Further Action: 0
Comments: Not reported

DM427 **OLD TOWN PARKING/HELISTOP STRUCTURE** **OR CRL** **1006864255**
NW **33 NW DAVIS ST** **OR ECSI** **N/A**
1/2-1 **PORTLAND, OR 97209** **FINDS**
0.952 mi.
5025 ft. **Site 2 of 2 in cluster DM**

Relative:
Lower

Actual:
31 ft.

CRL:
Facility ID: 383
Location ID: 8901
Status Code: LIS
Facility Status: RISK ASSESSMENT
Lat/Long: 45.525 / -122.6706

ECSI:
State ID Number: 383
Brown ID: 0
Study Area: False
Region ID: 2
Legislatve ID: 831
Investigation: Listed on the CRL/Inventory
FACA ID: 8901
Further Action: 0
Lat/Long (dms): 45 31 30.00 / -122 40 14.20
County Code: 26.00
Score Value: Not reported
Cerclis ID: Not reported
Township Coord.: 1.00
Township Zone: N
Range Coord: 1.00
Range Zone: E
Section Coord: 34
Qtr Section: Not reported
Tax Lots: 1
Size: Not reported
NPL: False
Orphan: False
Updated By: GWISTAR
Update Date: 12/07/2007
Created Date: 08/03/1988
Decode For RegionID: Northwest Region
Decode For BrownID: Not reported
Decode For Furtheract: Not reported
Decode For Investstat: Listed on the CRL/Inventory
Decode For Legislative: Owner, operator or other party under agreement, order or consent decree under ORS 465.200 or 465.420
Alias Name: Broadway Cab Co.

Hazardous Release:
Substance ID.: 121197
Haz Release ID: 385644
Qty Released: unknown
Date Released: unknown
Update Date: 03/08/1988
Update By: Not reported
Substance Code: 208-96-8
Substance Name: ACENAPHTHYLENE
Substance Abbrev.: Not reported
Comment ID: 304007
Release Code: Data Sources

OLD TOWN PARKING/HELISTOP STRUCTURE (Continued) **1006864255**

Release Comments: 'Supplemental Report, Soil & Groundwater Contamination Old Town Parking Structure Geotechnical Resources
Decode for Relcomcd: Data Sources
Comment ID: 304008
Release Code: Media Contamination Footnote
Release Comments: April 1989
Decode for Relcomcd: Media Contamination Footnote
Comment ID: 304009
Release Code: Release Containment
Release Comments: Inc.
Decode for Relcomcd: Release Containment
Sampling Result ID: 345262
Feature Id: Not reported
Hazard Release Id: 385644
Medium: 698
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: Not reported
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: 220 ppb
Last Update By: CONV
Update Date: 09/13/1994
Decode for MediumID: Groundwater

Substance ID.: 121608
Haz Release ID: 383855
Qty Released: unknown
Date Released: unknown
Update Date: 03/08/1988
Update By: Not reported
Substance Code: 71-43-2
Substance Name: BENZENE
Substance Abbrev.: Not reported
Substance Category ID: 8502
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8502
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 319178
Sub Alias Name: BENZOL
Substance Alias ID: 319179
Sub Alias Name: COAL NAPTHA
Substance Alias ID: 319180
Sub Alias Name: CYCLOHEXATRIENE
Substance Alias ID: 319181
Sub Alias Name: PHENE

OLD TOWN PARKING/HELISTOP STRUCTURE (Continued) **1006864255**

Substance Alias ID: 319182
Sub Alias Name: PYROBENZOL
Comment ID: 304010
Release Code: Data Sources
Release Comments: 'Supplemental Report, Soil & Groundwater Contamination Old Town Parking/Helistop Structure Geotechnical Resources
Decode for Relcomcd: Data Sources
Comment ID: 304011
Release Code: Media Contamination Footnote
Release Comments: April 1989
Decode for Relcomcd: Media Contamination Footnote
Comment ID: 304012
Release Code: Release Containment
Release Comments: Inc.
Decode for Relcomcd: Release Containment
Sampling Result ID: 346281
Feature Id: Not reported
Hazard Release Id: 383855
Medium: 698
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: Not reported
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: 9,100 ppb
Last Update By: CONV
Update Date: 09/13/1994
Decode for MediumID: Groundwater

Substance ID.: 120883
Haz Release ID: 383856
Qty Released: unknown
Date Released: unknown
Update Date: 03/08/1988
Update By: Not reported
Substance Code: 108-88-3
Substance Name: TOLUENE
Substance Abbrev.: Not reported
Substance Category ID: 8520
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8520
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 316466
Sub Alias Name: BENZENE,METHYL-
Substance Alias ID: 316467
Sub Alias Name: METHACIDE

OLD TOWN PARKING/HELISTOP STRUCTURE (Continued) **1006864255**

Substance Alias ID: 316468
Sub Alias Name: METHYLBENZENE
Substance Alias ID: 316469
Sub Alias Name: METHYLBENZOL
Substance Alias ID: 316470
Sub Alias Name: PHENYLMETHANE
Substance Alias ID: 316471
Sub Alias Name: TOLUOL
Comment ID: 304001
Release Code: Data Sources
Release Comments: 'Supplemental Report, Soil & Groundwater Contamination Old Town Parking/Helistop Structure Geotechnical Resources
Decode for Relcomcd: Data Sources
Comment ID: 304002
Release Code: Media Contamination Footnote
Release Comments: April 1989
Decode for Relcomcd: Media Contamination Footnote
Comment ID: 304003
Release Code: Release Containment
Release Comments: Inc.
Decode for Relcomcd: Release Containment
Sampling Result ID: 346919
Feature Id: Not reported
Hazard Release Id: 383856
Medium: 698
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: Not reported
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: 3,700 ppb
Last Update By: CONV
Update Date: 09/13/1994
Decode for MediumID: Groundwater

Substance ID.: 121051
Haz Release ID: 383857
Qty Released: unknown
Date Released: unknown
Update Date: 03/08/1988
Update By: Not reported
Substance Code: 1330-20-7
Substance Name: XYLENEs
Substance Abbrev.: Not reported
Substance Category ID: 8526
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8526
Substance Category: Volatiles
Category Level: Not reported

OLD TOWN PARKING/HELISTOP STRUCTURE (Continued) **1006864255**

Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 317017
Sub Alias Name: DIMETHYLBENZENEs
Substance Alias ID: 317018
Sub Alias Name: XYLOLs
Comment ID: 304004
Release Code: Media Contamination Footnote
Release Comments: April 1989
Decode for Relcomcd: Media Contamination Footnote
Comment ID: 304005
Release Code: Release Containment
Release Comments: Inc.
Decode for Relcomcd: Release Containment
Comment ID: 304006
Release Code: Data Sources
Release Comments: 'Supplemental Report, Soil & Groundwater Contamination Old Town Parking/Helistop Structure Geotechnical Resources
Decode for Relcomcd: Data Sources
Sampling Result ID: 345131
Feature Id: Not reported
Hazard Release Id: 383857
Medium: 698
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: Not reported
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: 4,700 ppb
Last Update By: CONV
Update Date: 09/13/1994
Decode for MediumID: Groundwater

Substance ID.: 120781
Haz Release ID: 383858
Qty Released: unknown
Date Released: unknown
Update Date: 03/08/1988
Update By: Not reported
Substance Code: 100-41-4
Substance Name: ETHYLBENZENE
Substance Abbrev.: Not reported
Substance Category ID: 8515
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8515
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002

OLD TOWN PARKING/HELISTOP STRUCTURE (Continued) **1006864255**

Substance Alias ID: 316146
Sub Alias Name: ETHYLBENZOL
Substance Alias ID: 316147
Sub Alias Name: PHENYLETHANE
Comment ID: 303998
Release Code: Data Sources
Release Comments: 'Supplemental Report, Soil & Groundwater Contamination Old Town Parking/Helistop Structure Geotechnical Resources
Decode for Relcomcd: Data Sources
Comment ID: 303999
Release Code: Media Contamination Footnote
Release Comments: April 1989
Decode for Relcomcd: Media Contamination Footnote
Comment ID: 304000
Release Code: Release Containment
Release Comments: Inc.
Decode for Relcomcd: Release Containment
Sampling Result ID: 346282
Feature Id: Not reported
Hazard Release Id: 383858
Medium: 698
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: Not reported
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: 1,900 ppb
Last Update By: CONV
Update Date: 09/13/1994
Decode for MediumID: Groundwater

Substance ID.: 121868
Haz Release ID: 383873
Qty Released: unknown
Date Released: unknown
Update Date: 03/08/1988
Update By: Not reported
Substance Code: 91-20-3
Substance Name: NAPHTHALENE
Substance Abbrev.: Not reported
Substance Category ID: 8494
Substance Category: Semi-volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8494
Substance Category: Semi-volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 317793
Sub Alias Name: MOTH BALLS

OLD TOWN PARKING/HELISTOP STRUCTURE (Continued) **1006864255**

Substance Alias ID: 317794
Sub Alias Name: NAPHTHENE
Substance Alias ID: 317795
Sub Alias Name: TAR CAMPHOR
Comment ID: 304013
Release Code: Data Sources
Release Comments: 'Supplemental Report, Soil & Groundwater Contamination Old Town Parking/Helistop Structure Geotechnical Resources
Decode for Relcomcd: Data Sources
Comment ID: 304014
Release Code: Media Contamination Footnote
Release Comments: April 1989
Decode for Relcomcd: Media Contamination Footnote
Comment ID: 304015
Release Code: Release Containment
Release Comments: Inc.
Decode for Relcomcd: Release Containment
Sampling Result ID: 346283
Feature Id: Not reported
Hazard Release Id: 383873
Medium: 698
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: Not reported
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: 5,200 ppb
Last Update By: CONV
Update Date: 09/13/1994
Decode for MediumID: Groundwater

Narrative:
NARR ID: 5730529
NARR Code: Contamination
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Contamination
NARR Comments: (4/10/95 KAC/SRS) Location of Broadway Cab Company service center for its taxicab fleet from the mid-1950s until about 1985. The site contained two 10,000-gallon underground storage gasoline tanks, installed in the mid-1950s. A 5,000-gallon tank was installed in 1974. One or both of the 10,000-gallon tanks were unearthed in 1976 and subsequently relined after water was detected in the gasoline. The site is also located directly south of a historic coal and oil gasification facility known as the Portland Gas Manufacturing Facility (see ECSI #1138). A large volume of coal and oil tar wastes was estimated to have been generated at this facility; however, no records indicating how they were disposed of have been located, so it is possible that these wastes were disposed of at or near the plant site - possibly on the Broadway Cab site. Wastes removed from the site were disposed of at Porter Yett Landfill (pit). The City of

OLD TOWN PARKING/HELISTOP STRUCTURE (Continued) **1006864255**

Portland acquired the site and constructed a parking structure and shops. Wells were installed in 1991 and gasoline compounds were found in the groundwater beneath the site and across Davis Street to the south.

NARR ID: 5730530
NARR Code: Hazardous Substance/Waste Types
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Hazardous Substance/Waste Types
NARR Comments: Coal and oil tars (polynuclear aromatic hydrocarbons), dissolved aromatic hydrocarbons and ammonia, heavy metals; petroleum hydrocarbon/BTEX compounds; gasoline vapors.

NARR ID: 5730531
NARR Code: Site Location
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Site Location
NARR Comments: Between NW Davis and NW Everett Streets and NW Front and NW 1st

NARR ID: 5730532
NARR Code: Manner of Release
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Manner of Release
NARR Comments: Leaking underground storage tanks. Disposal of coal tars from old Portland Gas Manufacturing Facility. Source of benzene contamination is leakage from underground gasoline storage tanks formerly located on-site. Acenaphthalene is a polynuclear aromatic hydrocarbon (PAH) that is a coal/oil tar constituent. PAHs are not very soluble in water but are being mobilized by the gasoline. Time of release: during operation of the cab company.

NARR ID: 5729150
NARR Code: Pathways Other Hazards
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Pathways & Other Hazards
NARR Comments: Groundwater, though soil does act as a conduit for gasoline vapors. There is concern that vapors could collect under the parking structure or in excavations during street repairs.

NARR ID: 5729151
NARR Code: Remedial Action
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002

OLD TOWN PARKING/HELISTOP STRUCTURE (Continued) **1006864255**

Decode for NarcdID: Remedial Action
NARR Comments: DEQ agreement with PRP for site investigation. (5/92 SRS Status Rep.) Draft report of site investigation reviewed by DEQ. Risk Assessment performed by contractor for the City of Portland and is under review by DEQ.

NARR ID: 5729152
NARR Code: Substances of Concern
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Substances of Concern
NARR Comments: Polynuclear aromatic hydrocarbons (PAHs), xylene, benzene, toluene.

NARR ID: 5729153
NARR Code: Health Threats
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Health Threats
NARR Comments: Migration of contaminated shallow groundwater to deeper unit, or discharge to Willamette River. Migration of explosive or toxic vapors off-site possible.

NARR ID: 5729154
NARR Code: Containment Units
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Containment Units
NARR Comments: Underground storage tanks

Administrative Action:
Action ID: 9412
Region: Headquarters
Complete Date: 03/22/1990
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Remedial Action
Action Code Flag: False
Action: Consent Order
Further Action: Not reported
Comments: Not reported

Action ID: 9425
Region: Not reported
Complete Date: 07/31/1990
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported

OLD TOWN PARKING/HELISTOP STRUCTURE (Continued) **1006864255**

Category: Remedial Action
Action Code Flag: False
Action: SITE EVALUATION
Further Action: Not reported
Comments: Not reported

Action ID: 9497
Region: Not reported
Complete Date: 07/31/1990
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Remedial Action
Action Code Flag: False
Action: Preliminary Assessment Equivalent recommended (PAE)
Further Action: Not reported
Comments: Not reported

Action ID: 9424
Region: Not reported
Complete Date: Not reported
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Administrative Action
Action Code Flag: False
Action: Site added to database
Further Action: Not reported
Comments: Not reported

Action ID: 9465
Region: Not reported
Complete Date: 09/10/1990
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Listing Action
Action Code Flag: False
Action: Facility proposed for Confirmed Release List
Further Action: Not reported
Comments: Not reported

Action ID: 9488
Region: Not reported
Complete Date: 02/25/1991
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Listing Action

OLD TOWN PARKING/HELISTOP STRUCTURE (Continued) **1006864255**

Action Code Flag: False
Action: Listing on Confirmed Release List recommended
Further Action: Not reported
Comments: Not reported

Action ID: 9459
Region: Not reported
Complete Date: 08/01/1990
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Remedial Action
Action Code Flag: False
Action: PRELIMINARY ASSESSMENT EQUIVALENT
Further Action: Not reported
Comments: Not reported

Action ID: 9498
Region: Not reported
Complete Date: 08/02/1990
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Listing Action
Action Code Flag: False
Action: Proposal for Confirmed Release List recommended
Further Action: Not reported
Comments: Not reported

Action ID: 9467
Region: Not reported
Complete Date: 09/10/1990
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Listing Action
Action Code Flag: False
Action: Facility proposed for Inventory
Further Action: Not reported
Comments: Not reported

Action ID: 9442
Region: Not reported
Complete Date: 03/22/1990
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Remedial Action
Action Code Flag: False

OLD TOWN PARKING/HELISTOP STRUCTURE (Continued) **1006864255**

Action: NEGOTIATIONS
Further Action: Not reported
Comments: Not reported

Action ID: 9484
Region: Headquarters
Complete Date: 05/17/1994
Rank Value: Not reported
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Remedial Action
Action Code Flag: False
Action: REMEDIAL INVESTIGATION
Further Action: 0
Comments: Not reported

Action ID: 9437
Region: Not reported
Complete Date: 08/02/1990
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Listing Action
Action Code Flag: False
Action: Listing Review completed
Further Action: Not reported
Comments: Not reported

Action ID: 9448
Region: Not reported
Complete Date: 02/25/1991
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Listing Action
Action Code Flag: False
Action: Review for final listing
Further Action: Not reported
Comments: Not reported

Action ID: 9439
Region: Not reported
Complete Date: 05/23/1991
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Listing Action
Action Code Flag: False
Action: Facility placed on Inventory

OLD TOWN PARKING/HELISTOP STRUCTURE (Continued) **1006864255**

Further Action: Not reported
Comments: Not reported

Action ID: 9445
Region: Not reported
Complete Date: Not reported
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Listing Action
Action Code Flag: False
Action: Responsible party notified re 11/88 Inventory listing
Further Action: Not reported
Comments: Not reported

Action ID: 9499
Region: Not reported
Complete Date: 08/02/1990
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Listing Action
Action Code Flag: False
Action: Proposal for Inventory recommended
Further Action: Not reported
Comments: Not reported

Action ID: 9489
Region: Not reported
Complete Date: 02/25/1991
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Listing Action
Action Code Flag: False
Action: Listing on Inventory recommended
Further Action: Not reported
Comments: Not reported

Action ID: 9438
Region: Not reported
Complete Date: 05/23/1991
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Listing Action
Action Code Flag: False
Action: Facility placed on Confirmed Release List
Further Action: Not reported

OLD TOWN PARKING/HELISTOP STRUCTURE (Continued) **1006864255**

Comments: Not reported

Action ID: 9486
Region: Northwestern Region
Complete Date: Not reported
Rank Value: Not reported
Cleanup Flag: False
Created Date: 06/18/2003
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: RISK ASSESSMENT
Further Action: 0
Comments: Not reported

Operations:
Operation Id: 131800
Operation Status: Unknown
Common Name: Old Town Parking/Helistop Structure
Yrs of Operation: mid-1950s - 1985
Comments: Former taxicab fleet service center.
Updated Date: 03/09/1995
Updated By: jxh
Decode for OpstatID: Unknown
Operations SIC Id: 195230
SIC Code: 3312
Created By: Not reported
Created Date: 12/17/2002

FINDS:

Registry ID: 110014270742

Environmental Interest/Information System
OR-DEQ (Oregon - Department Of Environmental Quality) is a regulatory agency whose job is to protect the quality of Oregon's Environment. DEQ uses a combination of technical assistance, inspections and permitting to help public and private facilities and citizens understand and comply with state and federal environmental regulations.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

428
WNW
1/2-1
0.959 mi.
5064 ft.

OAK TOWER REDEVELOPMENT
225 SW OAK ST.
PORTLAND, OR 97204

OR CRL **S106980962**
OR ECSI **N/A**
OR ENG CONTROLS
OR INST CONTROL
OR VCP

Relative:
Lower

Actual:
33 ft.

CRL:
Facility ID: 4416
Location ID: 88502
Status Code: LIS
Facility Status: No Further Action (Conditional)
Lat/Long: 45.5208 / -122.6735

OAK TOWER REDEVELOPMENT (Continued) **S106980962**

ECSI:

State ID Number:	4416
Brown ID:	0
Study Area:	False
Region ID:	2
Legislatve ID:	831
Investigation:	Listed on the CRL/Inventory
FACA ID:	88502
Further Action:	0
Lat/Long (dms):	45 31 14.90 / -122 40 24.60
County Code:	26.00
Score Value:	Not reported
Cerclis ID:	Not reported
Township Coord.:	1.00
Township Zone:	N
Range Coord:	1.00
Range Zone:	E
Section Coord:	34
Qtr Section:	Not reported
Tax Lots:	Lots 5 and 6, Block 30
Size:	Not reported
NPL:	False
Orphan:	False
Updated By:	GWISTAR
Update Date:	11/22/2010
Created Date:	05/23/2005
Decode For RegionID:	Northwest Region
Decode For BrownID:	Not reported
Decode For Furtheract:	Not reported
Decode For Investstat:	Listed on the CRL/Inventory
Decode For Legislative:	Owner, operator or other party under agreement, order or consent decree under ORS 465.200 or 465.420

Alias Name: Portland Development Commission (PDC)

Hazardous Release:

Substance ID.:	122008
Haz Release ID:	386537
Qty Released:	Not reported
Date Released:	Not reported
Update Date:	05/23/2005
Update By:	JWAGGY
Substance Code:	ECD266
Substance Name:	TOTAL HYDROCARBONS (AS DIESEL)
Substance Abbrev.:	Not reported
Substance Category ID:	8539
Substance Category:	Petroleum Related Releases for OSPIRG Report
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Substance Category ID:	8539
Substance Category:	Petroleum Related Releases for OSPIRG Report
Category Level:	Not reported
Created By:	Not reported
Created Date:	12/17/2002
Sampling Result ID:	348159
Feature Id:	0
Hazard Release Id:	386537

OAK TOWER REDEVELOPMENT (Continued) **S106980962**

Medium: 703
Substance Abbrev.: 0
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: Not reported
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: 14,500 ppm
Last Update By: JWAGGY
Update Date: 05/23/2005
Decode for MediumID: Soil

Substance ID.: 121781
Haz Release ID: 386538
Qty Released: Not reported
Date Released: Not reported
Update Date: 05/23/2005
Update By: JWAGGY
Substance Code: 79-01-6
Substance Name: TRICHLOROETHYLENE
Substance Abbrev.: Not reported
Substance Category ID: 8523
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8545
Substance Category: Solvents of interest to Milwaukie Area GW study
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8523
Substance Category: Volatiles
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8545
Substance Category: Solvents of interest to Milwaukie Area GW study
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 317517
Sub Alias Name: ETHINYL TRICHLORIDE
Substance Alias ID: 317518
Sub Alias Name: ETHYLENE TRICHLORIDE
Substance Alias ID: 317519
Sub Alias Name: TCE
Substance Alias ID: 317520
Sub Alias Name: TRI-CLENE
Substance Alias ID: 317521
Sub Alias Name: TRICHLOROETHENE
Sampling Result ID: 348160
Feature Id: 0

OAK TOWER REDEVELOPMENT (Continued) **S106980962**

Hazard Release Id: 386538
Medium: 698
Substance Abbrev.: 0
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: Not reported
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: 2.1 ppb
Last Update By: JWAGGY
Update Date: 05/23/2005
Decode for MediumID: Groundwater

Narrative:

NARR ID: 5746651
NARR Code: Contamination
Created By: JWAGGY
Created Date: 05/23/2005
Updated By: GWISTAR
Updated Date: 12/12/2006
Decode for NarcdID: Contamination
NARR Comments: Bunker fuel/heating oil - mix of mostly diesel and heavy range hydrocarbons - contains polynuclear aromatic hydrocarbons. May be some limited groundwater impacts from petroleum hydrocarbons. Trichloroethene and perchloroethene were detected in groundwater at the site, but were determined to have originated from off-site sources and not in need of further investigation.

NARR ID: 5746655
NARR Code: Data Sources
Created By: JWAGGY
Created Date: 05/23/2005
Updated By: JWAGGY
Updated Date: 05/23/2005
Decode for NarcdID: Data Sources
NARR Comments: Level II Environmental Site Assessment, prepared by Hart Crowser.

NARR ID: 5746649
NARR Code: Hazardous Substance/Waste Types
Created By: JWAGGY
Created Date: 05/23/2005
Updated By: JWAGGY
Updated Date: 10/13/2006
Decode for NarcdID: Hazardous Substance/Waste Types
NARR Comments: Suspected historical release from a heating oil tank on-site. On-site soil contamination with TPH and PAHs. Potential impacts to shallow groundwater from PAHs. TCE was found in groundwater at low levels but was determined to be coming from off-site (unidentified source).

NARR ID: 5746650
NARR Code: Manner of Release
Created By: JWAGGY
Created Date: 05/23/2005
Updated By: JWAGGY

OAK TOWER REDEVELOPMENT (Continued) **S106980962**

Updated Date: 10/13/2006
Decode for NarcdID: Manner of Release
NARR Comments: Suspected to have originated from the old heating oil tank that existed here up until around 1955.

NARR ID: 5748654
NARR Code: Media Contamination
Created By: MGREENB
Created Date: 09/19/2006
Updated By: JWAGGY
Updated Date: 10/13/2006
Decode for NarcdID: Media Contamination
NARR Comments: Soil and groundwater.

NARR ID: 5746652
NARR Code: Pathways Other Hazards
Created By: JWAGGY
Created Date: 05/23/2005
Updated By: JWAGGY
Updated Date: 10/13/2006
Decode for NarcdID: Pathways & Other Hazards
NARR Comments: Dermal exposure and ingestion, water use.

NARR ID: 5746654
NARR Code: Remedial Action
Created By: JWAGGY
Created Date: 05/23/2005
Updated By: GWISTAR
Updated Date: 12/12/2006
Decode for NarcdID: Remedial Action
NARR Comments: (5/4/05 CK/ICP) Nine soil push probes were advanced and groundwater samples collected in 2002, during a Level II Environmental Site Assessment. (12/6/06 MGreenburg/ICP) Residual contaminants are below site-specific Risk-Based Contaminant levels for Excavation Worker soil contact and Urban Residential and Occupational Volatilization to Indoor/Outdoor Air pathways. Therefore, DEQ has made a no-further-action determination for this site.

NARR ID: 5752568
NARR Code: 1922
Created By: GWISTAR
Created Date: 11/22/2010
Updated By: GWISTAR
Updated Date: 11/22/2010
Decode for NarcdID: Current Site Summary Statement
NARR Comments: [Aug. 2007] DEQ rescinded the unconditional NFA it had granted in December 2006, and has replaced it with a conditional NFA that relies on restrictions on groundwater use and prevention of any disturbance to contaminated subsurface soils.

Site Control:
Site Control #: 470
Control Number: 3
Begin Date: 07/20/2007
End Date: Not reported
Frequency Of Review: 0
Last Reviewed By: Mike Greenburg, DEQ
Last Reviewed Date: Not reported

OAK TOWER REDEVELOPMENT (Continued) **S106980962**

Last Update By: GWISTAR
Last Updated Date: 05/21/2015
Site Comment: E&ES in place with restrictions placed on groundwater use and disturbance of contaminated subsurface soils.

Site Control #: 927
Control Number: 4
Begin Date: 07/20/2007
End Date: Not reported
Frequency Of Review: 60
Last Reviewed By: M. Greenburg, DEQ
Last Reviewed Date: Not reported
Last Update By: GWISTAR
Last Updated Date: 05/21/2015
Site Comment: No use of groundwater at the property without prior consent from DEQ.

Site Control #: 928
Control Number: 20
Begin Date: 07/20/2007
End Date: Not reported
Frequency Of Review: 60
Last Reviewed By: M. Greenburg, DEQ
Last Reviewed Date: Not reported
Last Update By: GWISTAR
Last Updated Date: 05/21/2015
Site Comment: Without at least 30 days notice to DEQ, no operations or uses shall be made on the temporary clean-fill cap or area of petroleum contaminated soil, including any excavation, drilling, scraping, or erosion, or other actions affecting the protectiveness of the site remedy. Any development, disturbance, or removal of remaining contaminated soil must be in compliance with the Soil Management Plan prepared for the site in July 2006 and revised in Feb. 2007.

Administrative Action:
Action ID: 9438
Region: Northwestern Region
Complete Date: 06/28/2007
Rank Value: Not reported
Cleanup Flag: False
Created Date: 06/28/2007
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Listing Action
Action Code Flag: False
Action: Facility placed on Confirmed Release List
Further Action: 0
Comments: Not reported

Action ID: 9439
Region: Northwestern Region
Complete Date: 06/28/2007
Rank Value: Not reported
Cleanup Flag: False
Created Date: 06/28/2007
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Listing Action
Action Code Flag: False

OAK TOWER REDEVELOPMENT (Continued) **S106980962**

Action: Facility placed on Inventory
Further Action: 0
Comments: Not reported

Action ID: 9411
Region: Northwestern Region
Complete Date: 08/01/2007
Rank Value: Not reported
Cleanup Flag: False
Created Date: 08/01/2007
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: No Further Action (Conditional)
Further Action: 0
Comments: Not reported

Action ID: 9424
Region: Not reported
Complete Date: 05/23/2005
Rank Value: Not reported
Cleanup Flag: False
Created Date: 05/23/2005
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Administrative Action
Action Code Flag: False
Action: Site added to database
Further Action: Not reported
Comments: Not reported

Action ID: 9435
Region: Northwestern Region
Complete Date: Not reported
Rank Value: Not reported
Cleanup Flag: False
Created Date: 05/23/2005
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Independent Cleanup Program
Further Action: 0
Comments: Not reported

Action ID: 9469
Region: 0
Complete Date: 04/28/2006
Rank Value: Not reported
Cleanup Flag: True
Created Date: 09/19/2006
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Remedial Action
Action Code Flag: False
Action: REMEDIAL ACTION

OAK TOWER REDEVELOPMENT (Continued) **S106980962**

Further Action: 0
Comments: Not reported

Action ID: 9498
Region: Northwestern Region
Complete Date: 10/13/2006
Rank Value: Not reported
Cleanup Flag: False
Created Date: 09/26/2006
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Listing Action
Action Code Flag: False
Action: Proposal for Confirmed Release List recommended
Further Action: 0
Comments: Not reported

Action ID: 9459
Region: 0
Complete Date: 09/21/2006
Rank Value: Not reported
Cleanup Flag: False
Created Date: 09/27/2006
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Remedial Action
Action Code Flag: False
Action: PRELIMINARY ASSESSMENT EQUIVALENT
Further Action: 0
Comments: Not reported

Action ID: 9409
Region: 0
Complete Date: 07/05/2006
Rank Value: Not reported
Cleanup Flag: False
Created Date: 09/27/2006
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Remedial Action
Action Code Flag: False
Action: Beneficial Water Use Assessment
Further Action: 0
Comments: Not reported

Action ID: 9499
Region: Northwestern Region
Complete Date: 10/13/2006
Rank Value: Not reported
Cleanup Flag: False
Created Date: 10/13/2006
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Listing Action
Action Code Flag: False
Action: Proposal for Inventory recommended
Further Action: 0

OAK TOWER REDEVELOPMENT (Continued) **S106980962**

Comments: Not reported

Action ID: 9465
Region: Northwestern Region
Complete Date: 10/13/2006
Rank Value: Not reported
Cleanup Flag: False
Created Date: 10/13/2006
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Listing Action
Action Code Flag: False
Action: Facility proposed for Confirmed Release List
Further Action: 0
Comments: Not reported

Action ID: 9467
Region: Northwestern Region
Complete Date: 10/13/2006
Rank Value: Not reported
Cleanup Flag: False
Created Date: 10/13/2006
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Listing Action
Action Code Flag: False
Action: Facility proposed for Inventory
Further Action: 0
Comments: Not reported

Action ID: 9443
Region: Northwestern Region
Complete Date: 12/06/2006
Rank Value: Not reported
Cleanup Flag: False
Created Date: 12/11/2006
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: NO FURTHER STATE ACTION REQUIRED
Further Action: 0
Comments: Not reported

Action ID: 9427
Region: Northwestern Region
Complete Date: 12/05/2006
Rank Value: Not reported
Cleanup Flag: False
Created Date: 12/12/2006
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Listing Action
Action Code Flag: False
Action: Excluded from confirmed release definition
Further Action: 0
Comments: Not reported

OAK TOWER REDEVELOPMENT (Continued) **S106980962**

Enginering Control:
Site Control Sequence #: 928
Site Id: 4416
Control Sequence #: 20
Begin Date: 07/20/2007
End Date: Not reported
Frequency Of Review: 60
Last Reviewed By: M. Greenburg, DEQ
Last Review Date: Not reported
Last Updated By: GWISTAR
Last Updated Date: 05/21/2015
Group Sequence #: 5
Control Code: CLPS
Control Description: Contamination left in place, Soil
FK Type Code: 2
Group Code: CIP
Group Description: Contamination Contained in Place
Type Code: E
Type Description: Engineering
Comments: Without at least 30 days notice to DEQ, no operations or uses shall be made on the temporary clean-fill cap or area of petroleum contaminated soil, including any excavation, drilling, scraping, or erosion, or other actions affecting the protectiveness of the site remedy. Any development, disturbance, or removal of remaining contaminated soil must be in compliance with the Soil Management Plan prepared for the site in July 2006 and revised in Feb. 2007.

Institutional Control:
Site Control Sequence #: 470
Site Id: 4416
Control Sequence #: 3
Begin Date: 07/20/2007
End Date: Not reported
Frequency Of Review: 0
Last Reviewed By: Mike Greenburg, DEQ
Last Review Date: Not reported
Last Updated By: GWISTAR
Last Updated Date: 05/21/2015
Group Sequence #: 2
Control Code: EES
Control Description: Easement Equitable Servitude
FK Type Code: 1
Group Code: PR
Group Description: Proprietary
Type Code: I
Type Description: Institutional
Comments: E&ES in place with restrictions placed on groundwater use and disturbance of contaminated subsurface soils.

Site Control Sequence #: 927
Site Id: 4416
Control Sequence #: 4
Begin Date: 07/20/2007
End Date: Not reported
Frequency Of Review: 60
Last Reviewed By: M. Greenburg, DEQ

OAK TOWER REDEVELOPMENT (Continued) **S106980962**

Last Review Date: Not reported
Last Updated By: GWISTAR
Last Updated Date: 05/21/2015
Group Sequence #: 2
Control Code: USG
Control Description: Use Restriction Groundwater
FK Type Code: 1
Group Code: PR
Group Description: Proprietary
Type Code: I
Type Description: Institutional
Comments: No use of groundwater at the property without prior consent from DEQ.

VCS:
ECS Site ID: 4416
Facility Size: Not reported
Action: No Further Action (Conditional)
Start Date: 08/01/2007
End Date: 08/01/2007
Facility Status: Completed
Program: ICP
Latitude: 45.5208
Longitude: -122.6735

---

429 NE 1/2-1 0.974 mi. 5143 ft. **TIMBERLINE DODGE - GLISAN** **OR ECSI 1006853638**
2640 NE GLISAN ST. **OR VCP N/A**
PORTLAND, OR 97232 **FINDS**

Relative: Higher
Actual: 143 ft.

ECSI:
State ID Number: 2178
Brown ID: 0
Study Area: False
Region ID: 2
Legislatve ID: 831
Investigation: No Further Action
FACA ID: 40639
Further Action: 0
Lat/Long (dms): 45 31 34.60 / -122 38 18.50
County Code: 26.00
Score Value: Not reported
Cerclis ID: Not reported
Township Coord.: 1.00
Township Zone: N
Range Coord: 1.00
Range Zone: E
Section Coord: 36
Qtr Section: Not reported
Tax Lots: Not reported
Size: Not reported
NPL: False
Orphan: False
Updated By: GWISTAR
Update Date: 08/23/2013
Created Date: 03/05/1998
Decode For RegionID: Northwest Region

TIMBERLINE DODGE - GLISAN (Continued) **1006853638**

Decode For BrownID: Not reported
Decode For Furtheract: Not reported
Decode For Investstat: No Further Action
Decode For Legislative: Owner, operator or other party under agreement, order or consent decree under ORS 465.200 or 465.420

Narrative:
NARR ID: 5746555
NARR Code: Contamination
Created By: MMCCLIN
Created Date: 04/26/2005
Updated By: MMCCLIN
Updated Date: 04/26/2005
Decode for NarcdID: Contamination
NARR Comments: Four contiguous properties were designated with different tax lots (7072, 7074, 7075, and 7077) and operated as a car dealership. The Timberline Dodge properties were investigated together but identified separately in three ECSI files. Properties 7072 and 7074 were listed under ECSI # 2180. Property 7077 was listed under ECSI # 2178. Property 7075 was listed under ECSI #2179. Property 7072 was used as a car dealership and had 7 hydraulic hoists, 6 ASTs, 1 HOT, and 1 waste oil UST. Soil samples were collected near the areas of concern in 1997. Soil analysis did not identify any releases of petroleum, volatile organic compounds, PCBs or metals above human health risk-based criteria. Property 7074 had no history of hazardous materials use or storage. A soil sample collected from the property did not exhibit TPH, VOCs, PCBs, or metals above human health risk-based criteria. Property 7077 had a service building with floor drain and paint booth. No release to the environment was detected near the paint booth. A release of petroleum was detected at the floor drain but was determined to be diminimus because it was not detected at a depth of 5 feet below the floor grade. Property 7075 was used as a car display lot. Historic uses had been as a battery and tire business and car service station. No USTS were found on the lot. TPH, metals, PCBs and VOCs were not detected at levels of concern in soil samples collected in 1997 and 1999. (AVC 2000)

NARR ID: 5737485
NARR Code: Site Location
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Site Location
NARR Comments: Property numbers 7077 and 7074.

NARR ID: 5737486
NARR Code: Media Contamination
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Media Contamination
NARR Comments: soil

Administrative Action:
Action ID: 9443
Region: Northwestern Region

TIMBERLINE DODGE - GLISAN (Continued) **1006853638**

Complete Date: 04/01/2000
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: NO FURTHER STATE ACTION REQUIRED
Further Action: Not reported
Comments: Not reported

Action ID: 9442
Region: Northwestern Region
Complete Date: 12/01/1998
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: NEGOTIATIONS
Further Action: Not reported
Comments: Not reported

Action ID: 9440
Region: Northwestern Region
Complete Date: 12/01/1998
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Letter Agreement
Further Action: Not reported
Comments: Not reported

Action ID: 9424
Region: Northwestern Region
Complete Date: 03/05/1998
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Administrative Action
Action Code Flag: False
Action: Site added to database
Further Action: Not reported
Comments: Not reported

Action ID: 9519
Region: Northwestern Region
Complete Date: 08/27/1998

TIMBERLINE DODGE - GLISAN (Continued) **1006853638**

Rank Value: 6
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: VCS Waiting List
Further Action: Not reported
Comments: Not reported

Action ID: 9459
Region: Northwestern Region
Complete Date: 04/01/2000
Rank Value: Not reported
Cleanup Flag: False
Created Date: 08/11/2004
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: PRELIMINARY ASSESSMENT EQUIVALENT
Further Action: 0
Comments: Not reported

VCS:
ECS Site ID: 2178
Facility Size: Not reported
Action: NO FURTHER STATE ACTION REQUIRED
Start Date: 04/01/2000
End Date: 04/01/2000
Facility Status: Completed
Program: VCS
Latitude: 45.5262
Longitude: -122.6384

FINDS:

Registry ID: 110014158017

Environmental Interest/Information System
OR-DEQ (Oregon - Department Of Environmental Quality) is a regulatory agency whose job is to protect the quality of Oregon's Environment. DEQ uses a combination of technical assistance, inspections and permitting to help public and private facilities and citizens understand and comply with state and federal environmental regulations.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

430 SSW 1/2-1 0.985 mi. 5200 ft.

IVON STREET WATERFRONT PROJECT
306 SE IVON ST.
PORTLAND, OR 97202

OR ECSI **S109154969**
OR VCP **N/A**
OR NPDES

Relative: Lower

Actual: 40 ft.

ECSI:

State ID Number:	5906
Brown ID:	0
Study Area:	False
Region ID:	2
Legislatve ID:	0
Investigation:	Suspect
FACA ID:	132353
Further Action:	0
Lat/Long (dms):	45 30 13.30 / -122 39 46.40
County Code:	26.00
Score Value:	Not reported
Cerclis ID:	Not reported
Township Coord.:	1.00
Township Zone:	S
Range Coord:	1.00
Range Zone:	E
Section Coord:	10
Qtr Section:	AA
Tax Lots:	500
Size:	2.96 acres
NPL:	False
Orphan:	False
Updated By:	GWISTAR
Update Date:	03/18/2015
Created Date:	06/17/2014
Decode For RegionID:	Northwest Region
Decode For BrownID:	Not reported
Decode For Furtheract:	Not reported
Decode For Investstat:	Suspect
Decode For Legislative:	Not reported

Narrative:

NARR ID:	5757197
NARR Code:	Contamination
Created By:	JSCHATZ
Created Date:	06/22/2018
Updated By:	JSCHATZ
Updated Date:	06/22/2018
Decode for NarcdID:	Contamination

NARR Comments: As early as the 1920s, the site was developed as the Inman Poulsen Lumber Company and had a pier/dock structure for loading and unloading of ships. No other lumber mill operations appears to have occurred at the site. In the 1960s, the site was occupied by Willamette Sand and Gravel and Oregon Asphalt Company. The 1969 Sanborn Map shows structures related to motors, compressors, kilns, conveyors and storage facilities. At least one structure was likely used for oil and gas storage. This equipment was largely removed by the late 1990s. The western portion of the site contains fill material of unknown origin. In addition, several large stockpiles of sand and gravel, soil and asphalt are present on the site. Lastly, petroleum-contaminated soil, reportedly containing concentrations below Soil Matrix levels, was placed on the site in December 1997. Contaminants detected in soil at the site during investigations in

IVON STREET WATERFRONT PROJECT (Continued) **S109154969**

2012 incuded gasoline, diesel and heavy oil range hydrocarbons, metals (arsenic, barium, chromium, and lead), PCBs, and PAHs. Groundwater contaminants include PAHs and metals. Petroleum hydrocarbons, VOCs and PCBs largely not detected. (JKS 6-22-18)

NARR ID: 5757198
NARR Code: Site History
Created By: JSCHATZ
Created Date: 06/22/2018
Updated By: JSCHATZ
Updated Date: 06/22/2018
Decode for NarcdID: Site History
NARR Comments: As early as the 1920s, the site was developed as the Inman Poulsen Lumber Company and had a pier/dock structure for loading and unloading of ships. No other lumber mill operations appears to have occurred at the site. In the 1960s, the site was occupied by Willamette Sand and Gravel and Oregon Asphalt Company. The 1969 Sanborn Map shows structures related to motors, compressors, kilns, conveyors and storage facilities. At least one structure was likely used for oil and gas storage. This equipment was largely removed by the late 1990s.

NARR ID: 5757201
NARR Code: 1922
Created By: JSCHATZ
Created Date: 06/25/2018
Updated By: JSCHATZ
Updated Date: 06/25/2018
Decode for NarcdID: Current Site Summary Statement
NARR Comments: Creekside Environmental Consulting performed a preliminary environmental investigation (Phase I ESA)for the site in early 2012. Several RECs were noted: 1) Historical use of oil/gas in association with the asphalt plant, wood product storage, cement production and a marine dock. 2) Historical placement of fill from unknown sources on the property. 3) Placement of 30-60 tons of petroleum-contaminated soils associated with a former UST. 4) Presence of several large stockpiles of sand and gravel, asphalt and soil on the property. 5) Contaminated sediments in proximity to site. In June 2012, borings, test pits, composite sampling of the large stockpiles and discrete soil groundwater samping were performed at the site. Associated with this work, a geophysical survey was performed and magnetic anomalies were investigated. The following were detected in soil from the site: gasoline, diesel and heavy oil hydrocarbons, PAHs, and metals (primarily lead). Lead exceeded screening levels in three samples and arsenic exceeded screening levels in one sample. The following were identifed as COPCs: lead, benzo(a)pyrene and benzo(b)flouranthene. Groundwater samples from two borings detected only barium. Creekside concluded that further asessment of the stockpiles was warranted. In August 2012, samples were collected from near-site sediments. Selected VOCs and PAHs were detected in sample S1 near the down-stream part of the property. In August 2012, 12 additional borings were advanced and 22 soil trenches were excavated at the site to further characterize subsurface conditions. Three of the borings were converted to groundwater monitoring wells. Groundwater was encountered at a depths ranging from 31 to 35 feet bgs at the site. Gravimetric analysis showed that many of the petroluem hydrocarbons detected in soil within the top 15 feet were in the asphalt range.

IVON STREET WATERFRONT PROJECT (Continued) **S109154969**

Arsenic was detected in soil samples from across the site but at levels below the naturally occurring background levels. PCBs were largely not detected in the soil or groundwater samples. (JKS 6-25-18)
Not reported

Administrative Action:
Action ID: 9424
Region: Not reported
Complete Date: 06/17/2014
Rank Value: Not reported
Cleanup Flag: False
Created Date: 06/17/2014
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Administrative Action
Action Code Flag: False
Action: Site added to database
Further Action: Not reported
Comments: Not reported

Action ID: 9519
Region: Northwestern Region
Complete Date: 09/04/2014
Rank Value: Not reported
Cleanup Flag: False
Created Date: 06/17/2014
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: VCS Waiting List
Further Action: 0
Comments: Not reported

Action ID: 9425
Region: Northwestern Region
Complete Date: Not reported
Rank Value: Not reported
Cleanup Flag: False
Created Date: 09/24/2014
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: SITE EVALUATION
Further Action: 0
Comments: Not reported

VCS:
ECS Site ID: 5906
Facility Size: 2.96 acres
Action: SITE EVALUATION
Start Date: 09/04/2014
End Date: Not reported
Facility Status: Active
Program: VCP
Latitude: 45.5037

IVON STREET WATERFRONT PROJECT (Continued) **S109154969**

Longitude: -122.6629

NPDES:

WQ File Nbr:	117980
Legal Name:	PORTLAND CITY STORAGE LLC
Region:	Not reported
Pri SIC:	1542
Facility Type:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Category:	Not reported
Permit Type:	GEN12C
Permit Active:	Not reported
Is Active?:	FALSE
Permit Description:	Not reported
Expiration Date:	Not reported
EPA Number:	Not reported
UIC Facility:	Not reported
Admin Agent:	Not reported
Last Action Date:	Not reported
Permit Writer:	Not reported
Compliance Inspector:	Not reported
DMR Reviewer:	Not reported
Application Number:	Not reported
Class:	Not reported
Start Date:	Not reported
Region Decode:	Not reported

431
ENE
1/2-1
0.988 mi.
5214 ft.

ROB SEIGER RENTAL PROPERTY **OR ECSI** **1006853007**
3001 - 3005 SE ANKENY ST **OR VCP** **N/A**
PORTLAND, OR 97214 **FINDS**

Relative:
Higher

Actual:
162 ft.

ECSI:

State ID Number:	2631
Brown ID:	0
Study Area:	False
Region ID:	2
Legislatve ID:	831
Investigation:	No Further Action
FACA ID:	40951
Further Action:	0
Lat/Long (dms):	45 31 20.30 / -122 38 5.30
County Code:	26.00
Score Value:	0
Cerclis ID:	Not reported
Township Coord.:	1.00
Township Zone:	N
Range Coord:	1.00
Range Zone:	E
Section Coord:	36
Qtr Section:	CD
Tax Lots:	20900
Size:	Approx. 0.1 acre
NPL:	False
Orphan:	False

ROB SEIGER RENTAL PROPERTY (Continued) **1006853007**

Updated By: GWISTAR
Update Date: 11/26/2003
Created Date: 07/17/2000
Decode For RegionID: Northwest Region
Decode For BrownID: Not reported
Decode For Furtheract: Not reported
Decode For Investstat: No Further Action
Decode For Legislative: Owner, operator or other party under agreement, order or consent decree under ORS 465.200 or 465.420

Hazardous Release:
Substance ID.: 121990
Haz Release ID: 379661
Qty Released: > 25 gallons
Date Released: December 1997
Update Date: 01/17/2001
Update By: Not reported
Substance Code: ECD201
Substance Name: HEATING - FUEL OIL
Substance Abbrev.: Not reported
Substance Category ID: 8538
Substance Category: Petroleum Related Releases for OSPIRG Report
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8538
Substance Category: Petroleum Related Releases for OSPIRG Report
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Sampling Result ID: 338278
Feature Id: Not reported
Hazard Release Id: 379661
Medium: 703
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 09/03/1998
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: 32,000 ppm
Last Update By: jmw
Update Date: 01/17/2001
Decode for MediumID: Soil

Narrative:
NARR ID: 5739845
NARR Code: Contamination
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Contamination
NARR Comments: (7/17/00 MTP/SAP) During a housecall to fill a heating oil tank,

ROB SEIGER RENTAL PROPERTY (Continued) **1006853007**

Thomas Oil Company allegedly filled the wrong tank and caused oil to overflow into the basement crawlspace. Thomas denied any fault.

NARR ID: 5739846
NARR Code: Data Sources
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Data Sources
NARR Comments: 1) Spill Report. 2) Investigation Report, Spencer Environmental, December 1999. 3) Technical Consultation Request, Heating Oil Release, Duplex Rental Unit, Portland Tank Service, December 2000.

NARR ID: 5739847
NARR Code: Hazardous Substance/Waste Types
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Hazardous Substance/Waste Types
NARR Comments: Heating oil.

NARR ID: 5739848
NARR Code: Manner of Release
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Manner of Release
NARR Comments: December 1997 heating oil release from basement AST. At least 25 gallons spilled out of AST onto basement floor, near partially plugged floor drain. Release contaminated soil beneath basement floor. Not reported

NARR ID: 5739849
NARR Code: Media Contamination
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Media Contamination
NARR Comments: Soil.

NARR ID: 5739850
NARR Code: Pathways Other Hazards
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Pathways & Other Hazards
NARR Comments: Surface and subsurface soil, possibly air pathway through volatilization.

NARR ID: 5739851
NARR Code: Remedial Action
Created By: Not reported

ROB SEIGER RENTAL PROPERTY (Continued) **1006853007**

Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Remedial Action
NARR Comments: (2/22/01 JMA/VCP) Responsible party joined DEQ's Independent Cleanup Program (ICP) in October 2000. DEQ No Further Action (NFA) determination issued January 21, 2001.

Administrative Action:
Action ID: 9511
Region: Not reported
Complete Date: 09/01/1998
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Not reported
Decode for RegionID: Not reported
Category: Remedial Action
Action Code Flag: False
Action: SITE INVESTIGATION
Further Action: Not reported
Comments: Not reported

Action ID: 9435
Region: Northwestern Region
Complete Date: 01/22/2001
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Independent Cleanup Program
Further Action: Not reported
Comments: Not reported

Action ID: 9443
Region: Northwestern Region
Complete Date: 01/22/2001
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: NO FURTHER STATE ACTION REQUIRED
Further Action: Not reported
Comments: Not reported

Action ID: 9424
Region: Northwestern Region
Complete Date: 07/17/2000
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality

ROB SEIGER RENTAL PROPERTY (Continued) **1006853007**

Decode for RegionID: Northwest Region
Category: Administrative Action
Action Code Flag: False
Action: Site added to database
Further Action: Not reported
Comments: Not reported

Action ID: 9508
Region: Northwestern Region
Complete Date: 07/17/2000
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Site Screening recommended (EV)
Further Action: Low
Comments: Not reported

Operations:
Operation Id: 133853
Operation Status: Active
Common Name: Rob Seiger Rental Property
Yrs of Operation: 1908 - present
Comments: Land use: Multi-Family (< 5 units)
Updated Date: 01/17/2001
Updated By: jmw
Decode for OpstatID: Active

VCS:
ECS Site ID: 2631
Facility Size: Approx. 0.1 acre
Action: NO FURTHER STATE ACTION REQUIRED
Start Date: 01/22/2001
End Date: 01/22/2001
Facility Status: Completed
Program: ICP
Latitude: 45.5223
Longitude: -122.6348

FINDS:

Registry ID: 110014150630

Environmental Interest/Information System
OR-DEQ (Oregon - Department Of Environmental Quality) is a regulatory agency whose job is to protect the quality of Oregon's Environment. DEQ uses a combination of technical assistance, inspections and permitting to help public and private facilities and citizens understand and comply with state and federal environmental regulations.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

432
NW
1/2-1
0.995 mi.
5254 ft.

PORTLAND GAS MANUFACTURING SITE
BOUNDED BY NW EVERETT/GLISAN/2ND/WILLAMETTE RIVER
PORTLAND, OR 97209

OR ECSI **S106497096**
OR VCP **N/A**

Relative:
Lower

Actual:
23 ft.

ECSI:

State ID Number:	1138
Brown ID:	0
Study Area:	True
Region ID:	2
Legislatve ID:	0
Investigation:	Suspect
FACA ID:	18978
Further Action:	256
Lat/Long (dms):	45 31 32.50 / -122 40 15.60
County Code:	26.00
Score Value:	Not reported
Cerclis ID:	981762818
Township Coord.:	1.00
Township Zone:	N
Range Coord:	1.00
Range Zone:	E
Section Coord:	34
Qtr Section:	Not reported
Tax Lots:	Blocks 5,6,15,23; Couch's Addn
Size:	6 acres
NPL:	False
Orphan:	False
Updated By:	DHAFLEY
Update Date:	07/05/2017
Created Date:	10/15/1991
Decode For RegionID:	Northwest Region
Decode For BrownID:	Not reported
Decode For Furtheract:	High
Decode For Investstat:	Suspect
Decode For Legislative:	Not reported
Alias Name:	Portland Gas & Coke Co.
Alias Name:	Portland Gas Light Co.
Alias Name:	MGP

Narrative:

NARR ID:	5731697
NARR Code:	Site Contacts
Created By:	Not reported
Created Date:	12/17/2002
Updated By:	DHAFLEY
Updated Date:	10/25/2017
Decode for NarcdID:	Site Contacts
NARR Comments:	PRP Representative: Robert J. Wyatt, R.G.; Environmental Compliance Specialist; Northwest Natural Gas; 220 NW 2nd Avenue, Portland, OR 97209; 503-226-4211. Environmental Consultant: Todd Thornburg; Anchor QEA PRP Counsel: Patty Dost, Pearl Legal

NARR ID:	5731698
NARR Code:	Contamination
Created By:	Not reported
Created Date:	12/17/2002
Updated By:	DHAFLEY
Updated Date:	11/01/2016

PORTLAND GAS MANUFACTURING SITE (Continued) **S106497096**

Decode for NarcdID: Contamination
NARR Comments: (4/27/88 MER/SRS) This site covers four city blocks and was used for a coal gas manufacturing facility from 1860 to 1906. In 1906, the plant converted to produce oil gas and carbureted water gas. Portland Gas Company discontinued operation of the gas plant in 1913. Based on data for similar coal and oil gas plants, the major wastes likely are: coal and oil tars, process wastewater, and spent iron oxide. Coal and oil tars are composed mainly of PAHs. Process wastewaters may contain dissolved aromatic hydrocarbons and ammonia. Spent iron oxides contain iron, sulfur, and some heavy metals. It is estimated that coal tar production at the site could have been as much as 44,000 gallons per year, and oil tar around 59,000 gallons per year. There was no information available as to how these wastes and products were disposed of, but it is historically likely that they were disposed of on-site. It is also reasonable to assume that process wastewater was discharged to the Willamette. (6/22/92 KPD/SAS) Much of the above information was derived from a federal Preliminary Assessment (PA) performed by Ecology & Environment (E&E) for EPA in 1987. Although no sampling was performed, E&E concluded that any remaining contamination would be immobile and blocked from reaching the Willamette River by the seawall, and so recommended no further action be taken. In 1988, excavation for a parking garage immediately south of the site encountered <quot>green<quot> clay and a strong gasoline odor at least 20 feet below the surface. Coal tar was found below this. Although some contamination was excavated and shipped off-site, a major cleanup was not attempted. Instead, DEQ approved a plan to monitor and vent gasoline vapors (to prevent the vapors from building up in the basement of the garage). Also in 1988, the Portland Development Commission (PDC) hired Sweet-Edwards/EMCON to look at the site as part of a study to extend Waterfront Park north from the Burnside Bridge to the Steel Bridge. As expected, contaminants consistent with coal and oil tars were found at the Portland Gas site. EMCON agreed with E&E that the tars posed no public health threat so long as they were not disturbed by excavation. See ECSI #383 for more information on the parking garage, and ECSI #876 for more information on North Waterfront Park. (3/7/09, DJH/VCP) Based on a February 2009 draft Historical Summart Report submitted by NW Natural (Hahn & Associates), MGP operations included 5 city blocks (5,6,7,15,23) and included use of coal, carbureted water (oil/water mixture), and crude oil as feed stock. Manufacturing ceased in 1913. Investigation is ongoing to assess sediment impacts in the Willamette River adjacent to the site, and in upland areas adjacent to the river. During Phase I investigation activity in the site uplands, and in Willamette River sediment adjacent to the site, MGP contamination was detected. The most notable contamination was in sediment, where oil, tar, and black solid material (lampblack?) were detected off of Block 5, where gas manufacturing activities were concentrated. Additional investigation completed in the 2010 through 2015 time period has identified elevated VOCs and PAHs in groundwater near the eastern site boundary, most notably at 75’ below ground surface. Significant VOC, PAH, petroleum, and metals contamination has also been detected in sediment adjacent to Blocks 4 and 5. In-water contamination includes a area of tar-like material at the sediment surface; significant debris associated with sea wall construction has also been found in the contamination area.

NARR ID: 5731699

PORTLAND GAS MANUFACTURING SITE (Continued) **S106497096**

NARR Code: Data Sources
Created By: Not reported
Created Date: 12/17/2002
Updated By: DHAFLEY
Updated Date: 10/21/2018
Decode for NarcdID: Data Sources
NARR Comments: 1. EPA CERCLA Preliminary Assessment; 1987. 2. DEQ Strategy Recommendation; 1992. 3. DEQ Strategy Recommendation; 2000. 4. Historical Summary Report; Hahn & Associates, June 11, 2009. 5. Field Sampling Plan, Sediment Investigation; Anchor QEA, February 2009. 6. Upland Source Control Investigation Work Plan; Anchor QEA, September 2009. 7. Sediment Investigation Report; Anchor QEA, December 2009. 8. Validated PCB Congener Results for Sediment Samples (letter report); Anchor QEA, January 15, 2010. 9. Upland Source Control Investigation Report; Anchor QEA, March 2010. 10. Response to DEQ Comments, Sediment Investigation Report; March 2010. 11. NW Natural Responses to DEQ August 18, 2010 Comments on the Draft Field Sampling Plan, Phase 2 Upland Source Control Investigation. Anchor QEA, July 2010. 12. Draft Field Sampling Plan, Phase 2 Sediment Investigation. Anchor QEA, July 2010. 13. Field Sampling Plan, Phase 2 Upland Source Control Investigation. Anchor QEA, September 2010. 14. NW Natural Responses to DEQ August 18, 2010 Comments on the Draft Field Sampling Plan, Phase 2 Sediment Investigation. Anchor QEA, September 2010. 13. Field Sampling Plan, Phase 2 Sediment Investigation. Anchor QEA, September 2010. 14. Depth-Discrete Groundwater Sampling Results, Phase 2 Upland Source Control Investigation. Anchor QEA, January 2011. 15. Second Quarter 2011 Groundwater Monitoring Report. Anchor QEA, July 2011. 16. Third Quarter 2011 Groundwater Monitoring Report. Anchor QEA, October 2011. 17. Fourth Quarter (January 2012) Phase 2 Groundwater Monitoring Report. 18. Phase 2 Sediment Investigation Report (March 2012). 19. Data Gap Investigation Work Plan (July 2012). 20. Draft Integrated Sediment Investigation/Source Control Evaluation Report. Anchor, April 2013. 21. Revised Integrated Sediment Investigation/Source Control Evalution Report. Anchor, August 2013 22. Supplement to the Integrated Sediment Investigation/Source Control Evaluation Report. Anchor, November 2013. 23. Integrated Feasibility Study Annotated Outline. Anchor, January 2014. 24. Feasibility Study Investigation Sampling and Analysis Plan. Anchor, April 2014. 25. Feasibility Study Data Report. Anchor; November 3, 2014. 26. Integrated Feasibility Study; Volumes 1 and 2. Anchor; December 21, 2015. 27. DEQ comments on Draft FS. February 11, 2016. 28. Final Feasibility Study, Volumes 1 and 2. Anchor; August 31, 2016. 29. DEQ Staff Report; October 31, 2016. 30. DEQ Record of Decision; July 3, 2017 31. Pre-Design Work Plan; August 31. 2017. 32. Final RD/RA Work Plan. Anchor; July 6, 2018. 33. 50% Design Documents. Anchor; June 7, 2018. 34. 90% Design Documents. Anchor; October 21, 2018.

NARR ID: 5731700
NARR Code: General Site Description
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: General Site Description
NARR Comments: Blocks 5, 6, 7, 23 and the northern half of Block 15, and possibly the eastern half of Block 4 of Couch's Addition. Comprising much of

PORTLAND GAS MANUFACTURING SITE (Continued) **S106497096**

the area between NW 2nd Avenue, NW Glisan Street, NW Davis Street, and the Willamette River, in Portland's Oldtown/Chinatown District. Structures and facilities within this area include Three Pacific Square building (ODOT and Good Samaritan Hospital and Medical Center offices), the Front and Davis Garage (Smart Park), the Bank of the West/Port of Portland building, MAX light-rail tracks, on-ramps to the Steel Bridge, and a portion of North Waterfront Park where the Japanese American Historical Plaza is located.

NARR ID: 5731701
NARR Code: Hazardous Substance/Waste Types
Created By: Not reported
Created Date: 12/17/2002
Updated By: DHAFLEY
Updated Date: 11/14/2013
Decode for NarcdID: Hazardous Substance/Waste Types
NARR Comments: Coal and oil tars, process wastewaters, spent iron oxide. Individual contaminants to include tars, oil, TPH, BTEX (especially benzene), naphthylene, PAHs (benzo(a)pyrene, acenaphthene, anthracene, benzofluoranthenes, chrysene, indeno(1,2,3-c,d)pyrene, creosote, benzo(a)anthracene, benzo(g,h,i)perylene), phenols, methylphenols, cyanide, metals, and selected SVOCs.

NARR ID: 5731703
NARR Code: Land Use (Current/Reasonably Likely)
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Land Use (Current/Reasonably Likely)
NARR Comments: Urban commercial/residential. City park. Waterfront property.

NARR ID: 5731704
NARR Code: Site Ownership
Created By: Not reported
Created Date: 12/17/2002
Updated By: DHAFLEY
Updated Date: 11/01/2016
Decode for NarcdID: Site Ownership
NARR Comments: Mixed ownership, including theCity of Portland (Blocks 5,6,7), WREH Portland (Block 15), and ODOT (Block 23).

NARR ID: 5731705
NARR Code: Pathways Other Hazards
Created By: Not reported
Created Date: 12/17/2002
Updated By: DHAFLEY
Updated Date: 11/01/2016
Decode for NarcdID: Pathways & Other Hazards
NARR Comments: Based on completed site characterization and source control evaluation, upland (direct contact) concerns are low given filling of the former industrial area and subsequent redevelopment. In the upland, groundwater contamination is present along the seawall area, and is expected to discharge to the Willamette River. Within the river, contaminated sediment has been found which poses a risk to both human and ecological receptors.

PORTLAND GAS MANUFACTURING SITE (Continued) **S106497096**

NARR ID: 5731706
NARR Code: Remedial Action
Created By: Not reported
Created Date: 12/17/2002
Updated By: DHAFLEY
Updated Date: 10/21/2018
Decode for NarcdID: Remedial Action
NARR Comments: 3/7/09, DJH/VFCP) Remedial investigation planning begun October 2008. Field Sampling Plan for Willamette River sediment investigation approval by DEQ in mid 2009, and sampling completed in August. Upland Source Control Investigation Work Plan approved by DEQ in September 2009, and work completed in August 2009. A draft Sediment Investigation Report was submitted to DEQ in December 2009. An Upland Source Control Investigation Report was submitted in March 2010. In May 2010 DEQ identified remaining source control data gaps. (9/20/12, DJH). See SUMMARY text. Four rounds of upland groundwater investigation completed, along with Phase 2 sediment sampling in the Willamette River adjacent to the site. Phase 3 work consisting of additional sediment collection, seepage measurements, pore water sampling, and geophysical survey is ongoing as of September 2012. (11/14/13) Upland and in-water investigation has been completed, and source control risk analysis is in progress. Excess risk has been identified for upland groundwater near the seawall, and within Willametter River sediments bordering the site. A feasibility study is pending. (11/1/16) Feasibility study completed and approved by DEQ. Staff Report outlining proposed remedial actions for groundwater and sediment contamination completed October 2016. Public notice completed. (06/06/18). Record of Decision issued in June 2018 following public notice and comment, including response to EPA and tribal comments. RD/RA Work Plan approved in July 2018. (10/21/18). 50% design documents submitted to DEQ in June 2018. Following comment and response, 90% Design submitted to DEQ in October 2018 for review. DEQ response expected in early December 2018. Permitting work associated with in-water action ongoing.

NARR ID: 5751274
NARR Code: 1922
Created By: GWISTAR
Created Date: 03/19/2009
Updated By: DHAFLEY
Updated Date: 10/21/2018
Decode for NarcdID: Current Site Summary Statement
NARR Comments: [May 2017] A comprehensite source control investigation effort has been completed at the site under a Consent Order with DEQ. Work has included installation and monitoring of numerous upland wells to determine the potential for contaminated groundwater to discharge to the Willamette River, and a comprehensive investigation of river sediment and water adjacent to the site.

 Near the seawall (eastern upland boundry), groundwater impacts have been observed in upland wells, notably in the 65-75’ bgs, with MGP constituents including benzene and naphthalene observed. Groundwater above and below has minimal or no contamination. In the river, significant sediment contamination has been detected off of Block 4 and 5, and to a lesser extent Block 21. Contaminants detected included VOCs, PAHs, metals, and cyanide (all MGP waste constituents). Block 5 was the locus of MGP operations at the former PGM facility. As of summer 2012, two rounds of sediment investigation had been completed, and

PORTLAND GAS MANUFACTURING SITE (Continued) **S106497096**

the extent of riverbed contamination generally defined.

 In October 2012, additional source control work was completed at DEQ's request. Work included sediment sampling to define the lateral extent of sediment impacts, pore and river water sampling, seismic profiling of the riverbed, and a diver survey of riverbed debris and a tar area. Upland work included a transducer study using site wells. Results were presented in a site investigation report presented to DEQ.

 A Draft Integrated Sediment Investigation/Source Control Evaluation Report, including a comprehensive risk screening for both upland and in-water contamination, was completed by Anchor for NW Natural in April 2013. Based on comments by DEQ, a Revised Integrated Sediment Investigation/Source Control Evalution Report was submitted in Aug. 2013. Risk screening identified elevated concentrations of MGP contaminants in both upland groundwater (largely in the 65-75' bgs zone), and Willamette River sediment adjacent to the site.

 To finalize the RI and risk screening work and prepare for a site feasibility study, a Supplement to the Integrated Sediment Investigation/Source Control Evaluation (Nov. 2013) was submitted by NW Natural. A revised Supplement was approved by DEQ in Feb. 2014.

 Two FS-related documents, a FS Work Plan and Annotated FS Outline were submitted by NW Natural in early 2014. The work plan outlined additional in-water investigation work including porewater and seepage rate measurements, and advancing cores to better delineate sediment impacts in the northeast portion of in-water contamination. This work was approved in June 2014 and implemented that summer.

 An Integrated Feasibility Study report was submitted for DEQ review in December 2015. DEQ issued comments on the FS dated February 11, 2016. Under the draft FS, the proposed remedy consists of a combination of active (dredging, capping) and passive (natural attenuation) elements. The FS was finalized (Aug. 2016) and subsequently approved by DEQ. A DEQ Staff Report outlining the proposed site remedy has been prepared (Oct. 2016) and approved by DEQ management. The document is available on <quot>Webdocs.<quot> Public notice of the proposed remedial action was begun on November 1, 2016, and will continue for 30 days. As requested by EPA and Tribes, the comment period was extended through January 2017. Numerous comments were received. DEQ's Record of Decision is pending. Contamination in the 5-block upland portion of the site is not included in the proposed remedy. Given filling and redevelopment that has occurred, the <quot>direct contact<quot> risk is considered low, and will likely be evaluated in the future. DEQ previously issued a conditional NFA for Block 15, which lies within the historical <quot>footprint<quot> of PGM upland activities. Record of Decision issued by DEQ July 3, 2017. Included response to EPA, tribal, and public comments and evaluation of remedy consistency with that for Portland Harbor. A Pre-Design Work Plan was completed by NWN in August 2017 and approved by DEQ. Work including an updated bathymetric survey, diver survey, and sediment collection and was completed in September/October 2017. Remedial design is in progress, and included submission of 50% design materials in June 2018. A final RD/RA Work Plan was approved in July 2018, and 90% design documents were received in late October 2018. Remedy implementation is planned for 2019.

Administrative Action:

Action ID:	9412
Region:	Northwestern Region
Complete Date:	04/28/2009

PORTLAND GAS MANUFACTURING SITE (Continued) **S106497096**

Rank Value: Not reported
Cleanup Flag: False
Created Date: 03/07/2009
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Consent Order
Further Action: 0
Comments: Not reported

Action ID: 9484
Region: Northwestern Region
Complete Date: 02/20/2014
Rank Value: Not reported
Cleanup Flag: False
Created Date: 03/07/2009
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: REMEDIAL INVESTIGATION
Further Action: 0
Comments: Not reported

Action ID: 9456
Region: Northwestern Region
Complete Date: 06/24/2009
Rank Value: Not reported
Cleanup Flag: False
Created Date: 06/24/2009
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: BASIC PRELIMINARY ASSESSEMENT
Further Action: High
Comments: Not reported

Action ID: 9486
Region: Northwestern Region
Complete Date: 02/21/2014
Rank Value: Not reported
Cleanup Flag: False
Created Date: 11/14/2013
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: RISK ASSESSMENT
Further Action: High-Medium
Comments: Not reported

Action ID: 9429
Region: Northwestern Region
Complete Date: 08/31/2016
Rank Value: Not reported

PORTLAND GAS MANUFACTURING SITE (Continued) **S106497096**

Cleanup Flag: False
Created Date: 05/18/2014
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: FEASIBILITY STUDY
Further Action: 0
Comments: Not reported

Action ID: 9524
Region: Northwestern Region
Complete Date: Not reported
Rank Value: Not reported
Cleanup Flag: False
Created Date: 05/18/2014
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: SCE
Further Action: High-Medium
Comments: Not reported

Action ID: 9494
Region: Northwestern Region
Complete Date: 07/03/2017
Rank Value: Not reported
Cleanup Flag: False
Created Date: 11/01/2016
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: RECORD OF DECISION
Further Action: 0
Comments: Not reported

Action ID: 9473
Region: Northwestern Region
Complete Date: Not reported
Rank Value: Not reported
Cleanup Flag: False
Created Date: 07/05/2017
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: REMEDIAL DESIGN
Further Action: High
Comments: Not reported

Action ID: 9426
Region: Northwestern Region
Complete Date: 11/24/2000
Rank Value: 0
Cleanup Flag: False

PORTLAND GAS MANUFACTURING SITE (Continued) **S106497096**

Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: SITE PRIORITY EVALUATION FOR FURTHER ACTION
Further Action: Not reported
Comments: Not reported

Action ID: 9510
Region: Northwestern Region
Complete Date: 12/18/2000
Rank Value: 91
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: State Expanded Preliminary Assessment recommended (XPA)
Further Action: High
Comments: Not reported

Action ID: 9421
Region: Not reported
Complete Date: Not reported
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Environmental Protection Agency
Decode for RegionID: Not reported
Category: EPA Led Action
Action Code Flag: False
Action: Site added to CERCLIS
Further Action: Not reported
Comments: Not reported

Action ID: 9425
Region: Headquarters
Complete Date: 06/21/1992
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Remedial Action
Action Code Flag: False
Action: SITE EVALUATION
Further Action: Not reported
Comments: Not reported

Action ID: 9424
Region: Headquarters
Complete Date: Not reported
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002

PORTLAND GAS MANUFACTURING SITE (Continued) **S106497096**

Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Administrative Action
Action Code Flag: False
Action: Site added to database
Further Action: Not reported
Comments: Not reported

Action ID: 9457
Region: Not reported
Complete Date: 06/30/1987
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Environmental Protection Agency
Decode for RegionID: Not reported
Category: EPA Led Action
Action Code Flag: False
Action: EPA Basic Preliminary Assessment
Further Action: Not reported
Comments: Not reported

Action ID: 9444
Region: Not reported
Complete Date: 06/30/1987
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Environmental Protection Agency
Decode for RegionID: Not reported
Category: EPA Led Action
Action Code Flag: False
Action: No Further Remedial Action Planned under Federal program
Further Action: Not reported
Comments: Not reported

Action ID: 9449
Region: Headquarters
Complete Date: Not reported
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Listing Action
Action Code Flag: False
Action: Insufficient information to list
Further Action: Not reported
Comments: Not reported

Action ID: 9510
Region: Headquarters
Complete Date: 06/23/1992
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality

PORTLAND GAS MANUFACTURING SITE (Continued) **S106497096**

Decode for RegionID: Headquarters
Category: Remedial Action
Action Code Flag: False
Action: State Expanded Preliminary Assessment recommended (XPA)
Further Action: Not reported
Comments: Not reported

Action ID: 9437
Region: Headquarters
Complete Date: 06/21/1992
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Headquarters
Category: Listing Action
Action Code Flag: False
Action: Listing Review completed
Further Action: Not reported
Comments: Not reported

Action ID: 9521
Region: Northwestern Region
Complete Date: 03/13/2002
Rank Value: Not reported
Cleanup Flag: False
Created Date: 05/22/2003
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: OPTN
Further Action: 0
Comments: Not reported

Operations:
Operation Id: 132443
Operation Status: Inactive
Common Name: Portland Gas Co.
Yrs of Operation: 1860-1913
Comments: coal/gas manufacturing
Updated Date: 03/04/1996
Updated By: kpd
Decode for OpstatID: Inactive
Operations SIC Id: 196673
SIC Code: 4925
Created By: Not reported
Created Date: 12/17/2002

VCS:
ECS Site ID: 1138
Facility Size: 6 acres
Action: REMEDIAL DESIGN
Start Date: 07/05/2017
End Date: Not reported
Facility Status: Active
Program: VCP

PORTLAND GAS MANUFACTURING SITE (Continued) **S106497096**

Latitude: 45.5257
Longitude: -122.671

433
NE
1/2-1
0.996 mi.
5258 ft.

Relative:
Higher

Actual:
142 ft.

NORTHWEST LEATHER
401 NE 28TH AVE
PORTLAND, OR 97232

OR ECSI **1000411076**
OR LUST **ORD027743723**
OR UST
OR VCP
RCRA NonGen / NLR
FINDS
ECHO
OR DRYCLEANERS

ECSI:

State ID Number:	4955
Brown ID:	0
Study Area:	False
Region ID:	2
Legislatve ID:	0
Investigation:	No Further Action
FACA ID:	953
Further Action:	0
Lat/Long (dms):	45 31 33.20 / -122 38 15.00
County Code:	26.00
Score Value:	Not reported
Cerclis ID:	Not reported
Township Coord.:	1.00
Township Zone:	N
Range Coord:	1.00
Range Zone:	E
Section Coord:	36
Qtr Section:	CB
Tax Lots:	1N1E36CB 13000
Size:	0.07 acres
NPL:	False
Orphan:	False
Updated By:	GWISTAR
Update Date:	06/23/2015
Created Date:	03/17/2008
Decode For RegionID:	Northwest Region
Decode For BrownID:	Not reported
Decode For Furtheract:	Not reported
Decode For Investstat:	No Further Action
Decode For Legislative:	Not reported
Alias Name:	Blue Steel, LLC
Alias Name:	Northwest Leather

Narrative:

NARR ID:	5750257
NARR Code:	Contamination
Created By:	CHARMAN
Created Date:	03/17/2008
Updated By:	GWISTAR
Updated Date:	04/01/2008
Decode for NarcdID:	Contamination

NARR Comments: (3/17/08 CWH/CU&ER) Site added to database due to unresolved Stoddard solvent and PCE contamination measured on-site during some due diligence work in August 2006. No concentrations of PCE were detected above any applicable DEQ risk-based concentration levels, but the

NORTHWEST LEATHER (Continued) **1000411076**

full extent of suspected past releases has not been evaluated.

NARR ID: 5750259
NARR Code: Data Sources
Created By: CHARMAN
Created Date: 03/17/2008
Updated By: CHARMAN
Updated Date: 03/17/2008
Decode for NarcdID: Data Sources
NARR Comments: EcoTech, LLC, <quot>Phase II Environmental Site Assessment, Blue Steel, LLC, 401 NE 28th Avenue, Portland, Oregon,' August 7, 2006.

NARR ID: 5750258
NARR Code: General Site Description
Created By: CHARMAN
Created Date: 03/17/2008
Updated By: CHARMAN
Updated Date: 03/17/2008
Decode for NarcdID: General Site Description
NARR Comments: Urban area site, zoned commercial in NE Portland. Building covers most of site. Area is relatively flat and surrounding area is a mix of dense urban residential, single family residential and commercial properties.

NARR ID: 5752210
NARR Code: Hazardous Substance/Waste Types
Created By: MGREENB
Created Date: 06/02/2010
Updated By: GWISTAR
Updated Date: 06/09/2010
Decode for NarcdID: Hazardous Substance/Waste Types
NARR Comments: PCE (perchloroethene); Stoddard solvent.

NARR ID: 5750591
NARR Code: Remedial Action
Created By: GWISTAR
Created Date: 06/24/2008
Updated By: MGREENB
Updated Date: 01/19/2011
Decode for NarcdID: Remedial Action
NARR Comments: (3/17/08 CHarman/SAS) There are some indications of low levels of chlorinated hydrocarbons in subsurface soils. Source area and extent of this contamination is not known. a site investigation is needed to evaluate the nature and extent of contamination. (June 2010, Greenburg) Levels of Stoddard solvent were determined to be below site-specific risk-based values, while tetrachloroethene levels were below generic risk-based criteria. Site was issued a NFA letter.

Administrative Action:
Action ID: 9424
Region: Not reported
Complete Date: 03/17/2008
Rank Value: Not reported
Cleanup Flag: False
Created Date: 03/17/2008
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Not reported
Category: Administrative Action

NORTHWEST LEATHER (Continued) **1000411076**

Action Code Flag: False
Action: Site added to database
Further Action: Not reported
Comments: Not reported

Action ID: 9506
Region: Northwestern Region
Complete Date: 03/17/2008
Rank Value: Not reported
Cleanup Flag: False
Created Date: 03/17/2008
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Site Investigation recommended (SI)
Further Action: Low
Comments: Not reported

Action ID: 9435
Region: Northwestern Region
Complete Date: 06/01/2010
Rank Value: Not reported
Cleanup Flag: False
Created Date: 08/06/2008
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Independent Cleanup Program
Further Action: 0
Comments: Not reported

Action ID: 9443
Region: Northwestern Region
Complete Date: 06/01/2010
Rank Value: Not reported
Cleanup Flag: False
Created Date: 06/02/2010
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: NO FURTHER STATE ACTION REQUIRED
Further Action: 0
Comments: Not reported

LUST:
Region: North Western Region
Facility ID: 26-89-0059
Cleanup Received Date: 04/10/1989
Cleanup Start Date: 04/10/1989
Cleanup Complete Date: 08/09/1989
Decode for Region: North West Region

UST:

NORTHWEST LEATHER (Continued) **1000411076**

Facility ID: 2398
Facility Telephone: (503) 232-6836
Permittee Name: ERNEST TUCKER, PRESIDENT
Number of Permitted Tanks: Not reported
Active Tanks: Not reported
Decommissioned Tanks: 3
Number of Tanks: 3

VCS:
ECS Site ID: 4955
Facility Size: 0.07 acres
Action: NO FURTHER STATE ACTION REQUIRED
Start Date: 06/01/2010
End Date: 06/01/2010
Facility Status: Completed
Program: ICP
Latitude: 45.5259
Longitude: -122.6375

RCRA NonGen / NLR:
Date form received by agency: 03/01/2002
Facility name: NORTHWEST LEATHER
Facility address: 401 NE 28TH AVE
PORTLAND, OR 97232
EPA ID: ORD027743723
Mailing address: 401 NE 28TH AVENUE
PORTLAND, OR 97232
Contact: ROBERT BENNETT
Contact address: 401 NE 28TH AVENUE
PORTLAND, OR 97232
Contact country: US
Contact telephone: 503-238-8076
Contact email: Not reported
EPA Region: 10
Land type: Private
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: ROBERT BENNETT INC
Owner/operator address: 401 NE 28TH AVE
PORTLAND, OR 97232
Owner/operator country: US
Owner/operator telephone: 503-238-8076
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 03/01/2002
Owner/Op end date: Not reported

Owner/operator name: ROBERT BENNETT INC
Owner/operator address: 401 NE 28TH AVE
PORTLAND, OR 97232
Owner/operator country: US

NORTHWEST LEATHER (Continued) **1000411076**

Owner/operator telephone: 503-238-8076
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 03/01/2002
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 08/14/2001
Site name: NORTHWEST LEATHER
Classification: Not a generator, verified

Date form received by agency: 08/14/2001
Site name: NORTHWEST LEATHER
Classification: Not a generator, verified

Date form received by agency: 05/21/2001
Site name: NORTHWEST LEATHER
Classification: Not a generator, verified

Date form received by agency: 05/01/1998
Site name: NORTHWEST LEATHER
Classification: Not a generator, verified

Date form received by agency: 03/03/1997
Site name: NORTHWEST LEATHER
Classification: Not a generator, verified

Date form received by agency: 02/20/1996
Site name: NORTHWEST LEATHER
Classification: Not a generator, verified

Date form received by agency: 02/28/1995
Site name: NORTHWEST LEATHER
Classification: Not a generator, verified

Date form received by agency: 02/23/1994

NORTHWEST LEATHER (Continued) **1000411076**

Site name: NORTHWEST LEATHER
Classification: Not a generator, verified

Date form received by agency: 03/15/1993
Site name: NORTHWEST LEATHER
Classification: Not a generator, verified

Date form received by agency: 05/18/1992
Site name: NORTHWEST LEATHER
Classification: Not a generator, verified

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: TSD - Contingency Plan and Emergency Procedures
Date violation determined: 08/10/1995
Date achieved compliance: 10/05/1995
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 08/29/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State

NORTHWEST LEATHER (Continued) **1000411076**

Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 08/10/1995
Date achieved compliance: 10/05/1995
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 08/29/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Manifest
Date violation determined: 08/10/1995
Date achieved compliance: 10/05/1995
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 08/29/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Tank System Standards
Date violation determined: 08/10/1995
Date achieved compliance: 10/05/1995
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 08/29/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Preparedness and Prevention
Date violation determined: 08/10/1995
Date achieved compliance: 10/05/1995
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 08/29/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported

NORTHWEST LEATHER (Continued) **1000411076**

Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Container Use and Management
Date violation determined: 08/10/1995
Date achieved compliance: 10/05/1995
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 08/29/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 08/10/1995
Date achieved compliance: 10/05/1995
Violation lead agency: State
Enforcement action: NOTICE OF NONCOMPLIANCE
Enforcement action date: 08/29/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 08/10/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 10/05/1995
Evaluation lead agency: State

Evaluation date: 08/10/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 10/05/1995
Evaluation lead agency: State

Evaluation date: 08/10/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Container Use and Management
Date achieved compliance: 10/05/1995
Evaluation lead agency: State

Evaluation date: 08/10/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Contingency Plan and Emergency Procedures
Date achieved compliance: 10/05/1995
Evaluation lead agency: State

Evaluation date: 08/10/1995

NORTHWEST LEATHER (Continued) **1000411076**

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Tank System Standards
Date achieved compliance: 10/05/1995
Evaluation lead agency: State

Evaluation date: 08/10/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Manifest
Date achieved compliance: 10/05/1995
Evaluation lead agency: State

Evaluation date: 08/10/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Preparedness and Prevention
Date achieved compliance: 10/05/1995
Evaluation lead agency: State

FINDS:

Registry ID: 110004781576

Environmental Interest/Information System

OR-DEQ (Oregon - Department Of Environmental Quality) is a regulatory agency whose job is to protect the quality of Oregon's Environment. DEQ uses a combination of technical assistance, inspections and permitting to help public and private facilities and citizens understand and comply with state and federal environmental regulations.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000411076
Registry ID: 110004781576
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004781576

DRYCLEANERS:

Dry Cleaner ID: 264
Current Status: Closed
Last Update: Not reported
DEQID: ORD027743723
Latitude: 45.525866803
Longitude: -122.63743507
Decode for Fstatus: Closed
Mail Name: Northwest Leather
Mail Address: 401 NE 28th Ave
Mail City: Portland
Mail State: OR

NORTHWEST LEATHER (Continued) **1000411076**

Mail ZIP:	97232
Mail Email Address:	Not reported
Mail Effective Date:	02/28/2000
Mail Last Updated:	02/28/2000
Owner ID:	8170
Own Name:	Robert S. Bennett
Own Organization:	Northwest Leather Renewers Inc
Own Address:	401 NE 28th Ave
Own City:	Portland
Own State:	OR
Own ZIP:	97232
Own Phone:	Not reported
Own Email Address:	Not reported
Owner Effective Date:	01/01/1999
Owner Last Updated:	01/01/2000
Property Owner ID:	3320
Property Owner Name:	Not reported
Property Owner Organization:	Robert Bennett
Property Owner Address:	401 NE 28th Ave
Property Owner City:	Portland
Property Owner State:	OR
Property Owner ZIP:	97232
Property Owner Phone:	Not reported
Property Owner Email Address:	Not reported
Property Owner Effective Date:	01/01/2000
Property Owner Last Updated:	01/01/2000

Dry Cleaner ID:	691
Current Status:	Closed
Last Update:	01/25/2005
DEQID:	Not reported
Latitude:	45.525865081
Longitude:	-122.63743162
Decode for Fstatus:	Closed
Mail Name:	Leather Care Inc
Mail Address:	901 Elliott Ave W
Mail City:	Seattle
Mail State:	WA
Mail ZIP:	98119
Mail Email Address:	Not reported
Mail Effective Date:	05/16/2005
Mail Last Updated:	05/16/2005
Owner ID:	8845
Own Name:	Steven Ritt
Own Organization:	901 Elliot Ave W
Own Address:	901 Elliot Ave W
Own City:	Seattle
Own State:	WA
Own ZIP:	98119
Own Phone:	Not reported
Own Email Address:	Not reported
Owner Effective Date:	01/01/2004
Owner Last Updated:	05/16/2005
Property Owner ID:	3613
Property Owner Name:	Robert Bennett
Property Owner Organization:	Robert Bennett
Property Owner Address:	10464 NW 2nd St

NORTHWEST LEATHER (Continued) **1000411076**

Property Owner City: Portland
Property Owner State: OR
Property Owner ZIP: 97231
Property Owner Phone: Not reported
Property Owner Email Address: Not reported
Property Owner Effective Date: 05/16/2005
Property Owner Last Updated: 05/16/2005

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434 **HAWTHORNE SUBSTATION** **OR ECSI** **1006867251**
ESE **1530 SE 30TH AVE** **OR VCP** **N/A**
1/2-1 **PORTLAND, OR 97214** **FINDS**
0.997 mi.
5263 ft.

Relative:
Higher

Actual:
157 ft.

ECSI:
State ID Number: 1972
Brown ID: 0
Study Area: False
Region ID: 2
Legislatve ID: 831
Investigation: No Further Action
FACA ID: 40487
Further Action: 0
Lat/Long (dms): 45 30 41.80 / -122 38 4.20
County Code: 26.00
Score Value: Not reported
Cerclis ID: Not reported
Township Coord.: 1.00
Township Zone: S
Range Coord: 1.00
Range Zone: E
Section Coord: 1
Qtr Section: Not reported
Tax Lots: Not reported
Size: 0.25 acre
NPL: False
Orphan: False
Updated By: GWISTAR
Update Date: 06/23/2015
Created Date: 12/10/1996
Decode For RegionID: Northwest Region
Decode For BrownID: Not reported
Decode For Furtheract: Not reported
Decode For Investstat: No Further Action
Decode For Legislative: Owner, operator or other party under agreement, order or consent decree under ORS 465.200 or 465.420

Hazardous Release:
Substance ID.: 121059
Haz Release ID: 380709
Qty Released: unk.
Date Released: unk.
Update Date: 12/19/1996
Update By: Not reported
Substance Code: 1336-36-3
Substance Name: PCBs
Substance Abbrev.: Not reported
Substance Category ID: 8558

HAWTHORNE SUBSTATION (Continued) **1006867251**

Substance Category: PCB Substances for the OSPIRG Report
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Category ID: 8558
Substance Category: PCB Substances for the OSPIRG Report
Category Level: Not reported
Created By: Not reported
Created Date: 12/17/2002
Substance Alias ID: 317029
Sub Alias Name: BIPHENYL,POLYCHLORO-
Substance Alias ID: 317030
Sub Alias Name: CHLORINATED BIPHENYL
Substance Alias ID: 317031
Sub Alias Name: CHLOROBIPHENYL
Substance Alias ID: 317032
Sub Alias Name: POLYCHLORINATED BIPHENYLs
Substance Alias ID: 317033
Sub Alias Name: POLYCHLOROBIPHENYL
Sampling Result ID: 342530
Feature Id: Not reported
Hazard Release Id: 380709
Medium: 703
Substance Abbrev.: Not reported
Unit Code: Not reported
Observation: False
Owner Operator: False
Lab Data: True
Sample Depth: Not reported
Start Date: 04/30/1990
End Date: Not reported
Min Concentration: Not reported
Max Concentration: Not reported
Sample Comment: 6.3 ppm
Last Update By: gmw
Update Date: 12/19/1996
Decode for MediumID: Soil

Narrative:
NARR ID: 5736460
NARR Code: Contamination
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Contamination
NARR Comments: In December 1996, a resident living next to this former substation called DEQ to inquire about contamination she had heard might be present. This led to Site Assessment’s contacting PGE to obtain site information. PGE indicated that it had inherited the substation from PP&L about 1971, and had declared it <quot>surplus<quot> in 1979. Transformers and other equipment were not removed from the site, however, until 1990. At that time, PGE sampled several areas of stained soil beyond the three concrete transformer pads, and found up to 6.3 ppm PCBs. PGE had also sampled the site in 1985, finding slightly lower levels of PCBs at that time; PGE was unable to find records of 1985 sample locations.

HAWTHORNE SUBSTATION (Continued) **1006867251**

NARR ID: 5736461
NARR Code: Data Sources
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Data Sources
NARR Comments: Internal PGE memo on 4/90 soil sampling, containing lab results, dated 6/7/90.

NARR ID: 5736462
NARR Code: Hazardous Substance/Waste Types
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Hazardous Substance/Waste Types
NARR Comments: Polychlorinated biphenyls (PCBs).

NARR ID: 5736463
NARR Code: Manner of Release
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Manner of Release
NARR Comments: Manner and time of release unknown.

NARR ID: 5736464
NARR Code: Pathways Other Hazards
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Pathways & Other Hazards
NARR Comments: The site is located in a predominantly residential neighborhood, and direct contact and incidental ingestion are the most likely pathways of exposure. However, according to PGE, a 7-foot fence with barbed wire at the top surrounds the 0.25-acre property, and the small areas of stained soil are covered with a layer of gravel.

NARR ID: 5736465
NARR Code: Remedial Action
Created By: Not reported
Created Date: 12/17/2002
Updated By: Not reported
Updated Date: 12/17/2002
Decode for NarcdID: Remedial Action
NARR Comments: (GMW 12/19/96) No cleanup of PCBs has occurred at this site. Although the extent of contamination appears to be minor and PCB concentrations are low, this former substation is located in a residential area, and PCBs should therefore be cleaned up to residential exposure standards. Further state action at the site is a low priority. (12/28/00 ACV/VCS) DEQ review of independent site investigation concluded PCB concentrations do not exceed 1.2 ppm cleanup level based on 90% UCL. No Further Action (NFA) in November 2000.

HAWTHORNE SUBSTATION (Continued) **1006867251**

Administrative Action:
Action ID: 9435
Region: Northwestern Region
Complete Date: 11/01/2000
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Independent Cleanup Program
Further Action: Not reported
Comments: Not reported

Action ID: 9440
Region: Northwestern Region
Complete Date: 08/01/2000
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Letter Agreement
Further Action: Not reported
Comments: Not reported

Action ID: 9443
Region: Northwestern Region
Complete Date: 11/01/2000
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: NO FURTHER STATE ACTION REQUIRED
Further Action: 0
Comments: Not reported

Action ID: 9504
Region: Northwestern Region
Complete Date: 12/19/1996
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: Removal Action Recommended (RM)
Further Action: Low
Comments: Not reported

HAWTHORNE SUBSTATION (Continued) **1006867251**

Action ID: 9424
Region: Northwestern Region
Complete Date: Not reported
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Administrative Action
Action Code Flag: False
Action: Site added to database
Further Action: Not reported
Comments: Not reported

Action ID: 9425
Region: Northwestern Region
Complete Date: 12/19/1996
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Remedial Action
Action Code Flag: False
Action: SITE EVALUATION
Further Action: Not reported
Comments: Not reported

Action ID: 9437
Region: Northwestern Region
Complete Date: 12/19/1996
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Listing Action
Action Code Flag: False
Action: Listing Review completed
Further Action: Not reported
Comments: Not reported

Action ID: 9449
Region: Northwestern Region
Complete Date: Not reported
Rank Value: 0
Cleanup Flag: False
Created Date: 12/17/2002
Decode for AgencyID: Department of Environmental Quality
Decode for RegionID: Northwest Region
Category: Listing Action
Action Code Flag: False
Action: Insufficient information to list
Further Action: Not reported
Comments: Not reported

Operations:
Operation Id: 133250

HAWTHORNE SUBSTATION (Continued) **1006867251**

Operation Status: Inactive
Common Name: Hawthorne Substation
Yrs of Operation: 1920s (?) to 1979
Comments: Electrical power substation
Updated Date: 12/10/1996
Updated By: gmw
Decode for OpstatID: Inactive

VCS:
ECS Site ID: 1972
Facility Size: 0.25 acre
Action: NO FURTHER STATE ACTION REQUIRED
Start Date: 11/01/2000
End Date: 11/01/2000
Facility Status: Completed
Program: ICP
Latitude: 45.5116
Longitude: -122.6345

FINDS:

Registry ID: 110014301763

Environmental Interest/Information System
OR-DEQ (Oregon - Department Of Environmental Quality) is a regulatory agency whose job is to protect the quality of Oregon's Environment. DEQ uses a combination of technical assistance, inspections and permitting to help public and private facilities and citizens understand and comply with state and federal environmental regulations.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

Count: 16 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
PORTLAND	S115338741	TRI-MET LIGHT RAIL - 11TH & MORRIS	SW 11TH AVE. AT MORRISON		OR RGA HWS
PORTLAND	S108060529	HEATING OIL TANK	1315 SE 13TH AVE UNITS 3 & 4	97214	OR LUST
PORTLAND	S110072107	TRI-MET LIGHT RAIL PORTLAND MALL	5TH AND 6TH AVES. BETWEEN NW H	97201	OR ECSI, OR VCP
PORTLAND	S110072106	TRI-MET SOUTH CORRIDOR EXTENSION	ADJACENT TO I-205 FROM NE GLIS		OR ECSI, OR VCP
PORTLAND	S104908038	HEATING OIL TANK	3655 SR BELMONT	97214	OR LUST
PORTLAND	S110639114	HAWTHORNE BRIDGE OVERPASS	SW CNR SE HAWTHORNE & SE MARTI	97214	OR LUST
PORTLAND	S108987292	GREYHOUND TANKS	NW IRVING ST BTWN 5TH & 6TH AV	97209	OR LUST
PORTLAND	S106475958	HEATING OIL TANK	1959 SE LADD AVE	97214	OR LUST
PORTLAND	S110510026	HEATING OIL TANK	1979 SE LADD AVE	97214	OR LUST
PORTLAND	S111119964	PORTLAND-MILWAUKIE LIGHT RAIL (PML	MILWAUKIE TO PSU	97202	OR ECSI, OR VCP
PORTLAND	1009481944	EAST MORRISON CLEANERS	611 E MORRISON		EDR Hist Cleaner
PORTLAND	S107421141	EAST SIDE CSO	NEAR SE 18TH & MCLOUGHLIN TO N		OR ECSI, OR VCP
PORTLAND	S122528052	HEATING OIL TANK	NEC/ RALEIGH & 21ST AVE (BLOCK	97209	OR LUST
PORTLAND	S106497104	V.A.- COLUMBIA SOUTH SHORE WELLFIE	N OF COLUMBIA/SANDY BLVDS. BET		OR ECSI
PORTLAND	S103840033	ODOT REGION 1 PARCEL 2C	SE SALMON ST / MAIN ST / WATER	97214	OR LUST
PORTLAND	S107845141	HEATING OIL TANK	4794 SE STEPHENS ST	97214	OR LUST

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 12/12/2018
Date Data Arrived at EDR: 12/28/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 14

Source: EPA
Telephone: N/A
Last EDR Contact: 02/15/2019
Next Scheduled EDR Contact: 04/15/2019
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 12/12/2018
Date Data Arrived at EDR: 12/28/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 14

Source: EPA
Telephone: N/A
Last EDR Contact: 02/15/2019
Next Scheduled EDR Contact: 04/15/2019
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 12/12/2018
Date Data Arrived at EDR: 12/28/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 14

Source: EPA
Telephone: N/A
Last EDR Contact: 02/15/2019
Next Scheduled EDR Contact: 04/15/2019
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 11/07/2016
Date Data Arrived at EDR: 01/05/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 92

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 01/04/2019
Next Scheduled EDR Contact: 04/15/2019
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 12/12/2018
Date Data Arrived at EDR: 12/28/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 14

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 02/15/2019
Next Scheduled EDR Contact: 04/29/2019
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 12/13/2018
Date Data Arrived at EDR: 12/28/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 14

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 02/15/2019
Next Scheduled EDR Contact: 04/29/2019
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/03/2018
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 12/03/2018
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 12/03/2018
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 12/03/2018
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 12/03/2018
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 10/17/2018
Date Data Arrived at EDR: 10/25/2018
Date Made Active in Reports: 12/07/2018
Number of Days to Update: 43

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 02/07/2019
Next Scheduled EDR Contact: 05/27/2019
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 01/31/2019
Date Data Arrived at EDR: 02/04/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/04/2019
Next Scheduled EDR Contact: 06/10/2019
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 01/31/2019
Date Data Arrived at EDR: 02/04/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/04/2019
Next Scheduled EDR Contact: 06/10/2019
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 02/04/2019
Date Data Arrived at EDR: 02/08/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 28

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 02/08/2019
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

CRL: Confirmed Release List and Inventory

All facilities with a confirmed release.

Date of Government Version: 11/01/2018
Date Data Arrived at EDR: 11/15/2018
Date Made Active in Reports: 12/10/2018
Number of Days to Update: 25

Source: Department of Environmental Quality
Telephone: 503-229-6170
Last EDR Contact: 02/14/2019
Next Scheduled EDR Contact: 05/27/2019
Data Release Frequency: Quarterly

ECSI: Environmental Cleanup Site Information System

Sites that are or may be contaminated and may require cleanup.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 01/03/2019
Date Made Active in Reports: 02/20/2019
Number of Days to Update: 48

Source: Department of Environmental Quality
Telephone: 503-229-6629
Last EDR Contact: 01/03/2019
Next Scheduled EDR Contact: 04/15/2019
Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Solid Waste Facilities List

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 01/14/2019
Date Data Arrived at EDR: 01/15/2019
Date Made Active in Reports: 02/20/2019
Number of Days to Update: 36

Source: Department of Environmental Quality
Telephone: 503-229-6299
Last EDR Contact: 01/11/2019
Next Scheduled EDR Contact: 04/29/2019
Data Release Frequency: Semi-Annually

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 10/03/2018
Date Data Arrived at EDR: 11/15/2018
Date Made Active in Reports: 12/11/2018
Number of Days to Update: 26

Source: Department of Environmental Quality
Telephone: 503-229-5790
Last EDR Contact: 02/14/2019
Next Scheduled EDR Contact: 05/27/2019
Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/12/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 03/07/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/25/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 03/07/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/24/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 03/07/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/01/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 03/07/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 05/08/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 03/05/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/13/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 03/07/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/12/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 03/07/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/10/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 03/07/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Varies

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 05/15/2017
Date Data Arrived at EDR: 05/30/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 136

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 01/08/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: Varies

UST: Underground Storage Tank Database
Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 10/03/2018
Date Data Arrived at EDR: 11/15/2018
Date Made Active in Reports: 12/10/2018
Number of Days to Update: 25

Source: Department of Environmental Quality
Telephone: 503-229-5815
Last EDR Contact: 02/14/2019
Next Scheduled EDR Contact: 05/27/2019
Data Release Frequency: Quarterly

AST: Aboveground Storage Tanks
Aboveground storage tank locations reported to the Office of State Fire Marshal.

Date of Government Version: 09/05/2017
Date Data Arrived at EDR: 11/16/2017
Date Made Active in Reports: 01/09/2018
Number of Days to Update: 54

Source: Office of State Fire Marshal
Telephone: 503-378-3473
Last EDR Contact: 01/17/2019
Next Scheduled EDR Contact: 05/11/2019
Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/12/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 03/07/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/01/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 03/07/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/12/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 03/07/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/13/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 03/07/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 04/25/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 03/07/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 05/08/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 03/05/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/24/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 03/07/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/10/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 03/07/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

ENG CONTROLS: Engineering Controls Recorded at ESCI Sites

Engineering controls are physical measures selected or approved by the Director for the purpose of preventing or minimizing exposure to hazardous substances. Engineering controls may include, but are not limited to, fencing, capping, horizontal or vertical barriers, hydraulic controls, and alternative water supplies.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 01/03/2019
Date Made Active in Reports: 02/20/2019
Number of Days to Update: 48

Source: Department of Environmental Quality
Telephone: 503-229-5193
Last EDR Contact: 01/03/2019
Next Scheduled EDR Contact: 04/15/2019
Data Release Frequency: Quarterly

INST CONTROL: Institutional Controls Recorded at ESCI Sites

An institutional control is a legal or administrative tool or action taken to reduce the potential for exposure to hazardous substances. Institutional controls may include, but are not limited to, use restrictions, environmental monitoring requirements, and site access and security measures.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 01/03/2019
Date Made Active in Reports: 02/20/2019
Number of Days to Update: 48

Source: Department of Environmental Quality
Telephone: 503-229-5193
Last EDR Contact: 01/03/2019
Next Scheduled EDR Contact: 04/15/2019
Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 12/19/2018
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Varies

VCS: Voluntary Cleanup Program Sites

Responsible parties have entered into an agreement with DEQ to voluntarily address contamination associated with their property.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 01/15/2019
Date Made Active in Reports: 02/20/2019
Number of Days to Update: 36

Source: DEQ
Telephone: 503-229-5256
Last EDR Contact: 01/11/2019
Next Scheduled EDR Contact: 04/15/2019
Data Release Frequency: Quarterly

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Projects

Brownfields investigations and/or cleanups that have been conducted in Oregon.

Date of Government Version: 11/01/2018
Date Data Arrived at EDR: 11/15/2018
Date Made Active in Reports: 12/10/2018
Number of Days to Update: 25

Source: Department of Environmental Quality
Telephone: 503-229-6801
Last EDR Contact: 02/14/2019
Next Scheduled EDR Contact: 05/27/2019
Data Release Frequency: Annually

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 12/17/2018
Date Data Arrived at EDR: 12/18/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 24

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/18/2018
Next Scheduled EDR Contact: 04/01/2019
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

HIST LF: Old Closed SW Disposal Sites

A list of solid waste disposal sites that have been closed for a long while.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 07/08/2003
Date Made Active in Reports: 07/18/2003
Number of Days to Update: 10

Source: Department of Environmental Quality
Telephone: 503-229-5409
Last EDR Contact: 07/08/2003
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SWRCY: Recycling Facility Location Listing

A listing of recycling facility locations.

Date of Government Version: 11/27/2018
Date Data Arrived at EDR: 11/29/2018
Date Made Active in Reports: 02/20/2019
Number of Days to Update: 83

Source: Department of Environmental Quality
Telephone: 503-229-5353
Last EDR Contact: 02/27/2019
Next Scheduled EDR Contact: 06/10/2019
Data Release Frequency: Quarterly

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 01/29/2019
Next Scheduled EDR Contact: 05/13/2019
Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 01/17/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39
Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176
Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 02/01/2019
Next Scheduled EDR Contact: 05/13/2019
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register
A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 09/21/2018
Date Data Arrived at EDR: 09/21/2018
Date Made Active in Reports: 11/09/2018
Number of Days to Update: 49
Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/21/2019
Next Scheduled EDR Contact: 06/10/2019
Data Release Frequency: No Update Planned

AOC COL: Columbia Slough
Columbia Slough waterway boundaries.

Date of Government Version: 08/10/2005
Date Data Arrived at EDR: 05/17/2006
Date Made Active in Reports: 06/16/2006
Number of Days to Update: 30
Source: City of Portland Environmental Services
Telephone: 503-823-5310
Last EDR Contact: 03/13/2007
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

AOC MU: East Multnomah County Area
Approximate extent of TSA VOC plume February , 2002

Date of Government Version: N/A
Date Data Arrived at EDR: 10/07/2002
Date Made Active in Reports: 10/22/2002
Number of Days to Update: 15
Source: City of Portland Environmental Services
Telephone: 503-823-5310
Last EDR Contact: 03/13/2007
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CDL 2: Clandestine Drug Lab Site Listing
A listing of clandestine drug lab site locations included in the Incident database.

Date of Government Version: 10/29/2018
Date Data Arrived at EDR: 10/31/2018
Date Made Active in Reports: 12/10/2018
Number of Days to Update: 40
Source: Oregon State Police
Telephone: 503-373-1540
Last EDR Contact: 01/28/2019
Next Scheduled EDR Contact: 05/11/2019
Data Release Frequency: Varies

CDL: Uninhabitable Drug Lab Properties
The properties listed on these county pages have been declared by a law enforcement agency to be unfit for use due to meth lab and/or storage activities. The properties are considered uninhabitable until cleaned up by a state certified decontamination contractor and a certificate of fitness is issued by the Oregon Health Division.

Date of Government Version: 01/28/2019
Date Data Arrived at EDR: 01/30/2019
Date Made Active in Reports: 02/20/2019
Number of Days to Update: 21

Source: Department of Consumer & Business Services
Telephone: 503-378-4133
Last EDR Contact: 01/30/2019
Next Scheduled EDR Contact: 05/20/2019
Data Release Frequency: Quarterly

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/21/2018
Date Data Arrived at EDR: 09/21/2018
Date Made Active in Reports: 11/09/2018
Number of Days to Update: 49

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/21/2019
Next Scheduled EDR Contact: 06/10/2019
Data Release Frequency: Quarterly

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 12/12/2018
Date Data Arrived at EDR: 12/28/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 02/15/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 03/26/2018
Date Data Arrived at EDR: 03/27/2018
Date Made Active in Reports: 06/08/2018
Number of Days to Update: 73

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 02/08/2019
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Quarterly

SPILLS: Spill Data

Oil and hazardous material spills reported to the Environmental Response Program.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 01/04/2019
Date Made Active in Reports: 02/20/2019
Number of Days to Update: 47

Source: Department of Environmental Quality
Telephone: 503-229-5815
Last EDR Contact: 12/27/2018
Next Scheduled EDR Contact: 04/15/2019
Data Release Frequency: Semi-Annually

HAZMAT: Hazmat/Incidents

Hazardous material incidents reported to the State Fire Marshal by emergency responders. The hazardous material may or may not have been released.

Date of Government Version: 09/05/2018
Date Data Arrived at EDR: 10/31/2018
Date Made Active in Reports: 12/10/2018
Number of Days to Update: 40

Source: State Fire Marshal's Office
Telephone: 503-373-1540
Last EDR Contact: 02/01/2019
Next Scheduled EDR Contact: 05/13/2019
Data Release Frequency: Semi-Annually

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 05/01/2006
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 12/03/2018
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 01/31/2015
Date Data Arrived at EDR: 07/08/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 97

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 02/22/2019
Next Scheduled EDR Contact: 06/03/2019
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 01/11/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 01/11/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 02/15/2019
Next Scheduled EDR Contact: 05/27/2019
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 01/31/2019
Date Data Arrived at EDR: 02/04/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 02/04/2019
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 02/08/2019
Next Scheduled EDR Contact: 05/20/2019
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 02/08/2019
Next Scheduled EDR Contact: 05/20/2019
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/21/2017
Date Made Active in Reports: 01/05/2018
Number of Days to Update: 198

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/21/2018
Next Scheduled EDR Contact: 04/01/2019
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 01/10/2018
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 2

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 02/20/2019
Next Scheduled EDR Contact: 06/03/2019
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/25/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 12/12/2018
Date Data Arrived at EDR: 12/28/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 14

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 03/08/2019
Next Scheduled EDR Contact: 06/17/2019
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 10/26/2018
Date Data Arrived at EDR: 11/06/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 66

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 01/22/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 08/13/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/09/2018
Number of Days to Update: 36
Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 02/15/2019
Next Scheduled EDR Contact: 05/20/2019
Data Release Frequency: Quarterly

PADS: PCB Activity Database System
PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 09/14/2018
Date Data Arrived at EDR: 10/11/2018
Date Made Active in Reports: 12/07/2018
Number of Days to Update: 57
Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 01/11/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System
The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 01/07/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Quarterly

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/30/2016
Date Data Arrived at EDR: 09/08/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 43
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 01/22/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 03/07/2019
Next Scheduled EDR Contact: 06/17/2019
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 03/05/2019
Next Scheduled EDR Contact: 06/17/2019
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 05/24/2017
Date Data Arrived at EDR: 11/30/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 15
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 01/25/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 10/02/2018
Date Data Arrived at EDR: 10/03/2018
Date Made Active in Reports: 11/09/2018
Number of Days to Update: 37
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 01/03/2019
Next Scheduled EDR Contact: 04/15/2019
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 10/01/2018
Date Data Arrived at EDR: 10/30/2018
Date Made Active in Reports: 01/18/2019
Number of Days to Update: 80

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 01/29/2019
Next Scheduled EDR Contact: 05/11/2019
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 09/30/2018
Date Data Arrived at EDR: 10/12/2018
Date Made Active in Reports: 12/07/2018
Number of Days to Update: 56

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 01/07/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 02/13/2019
Next Scheduled EDR Contact: 06/03/2019
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 01/07/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 01/31/2019
Next Scheduled EDR Contact: 05/20/2019
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 06/23/2017
Date Data Arrived at EDR: 10/11/2017
Date Made Active in Reports: 11/03/2017
Number of Days to Update: 23

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 02/22/2019
Next Scheduled EDR Contact: 06/03/2019
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 12/12/2018
Date Data Arrived at EDR: 12/28/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 02/15/2019
Next Scheduled EDR Contact: 04/15/2019
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/01/2018
Date Data Arrived at EDR: 08/29/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 37

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 02/27/2019
Next Scheduled EDR Contact: 06/10/2019
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 03/01/2019
Next Scheduled EDR Contact: 06/10/2019
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 03/01/2019
Next Scheduled EDR Contact: 06/10/2019
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 03/11/2019
Next Scheduled EDR Contact: 06/24/2019
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 11/15/2018
Date Data Arrived at EDR: 12/05/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 37

Source: EPA
Telephone: (206) 553-1200
Last EDR Contact: 03/05/2019
Next Scheduled EDR Contact: 06/17/2019
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 07/26/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 71

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 03/01/2019
Next Scheduled EDR Contact: 06/10/2019
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 09/02/2018
Date Data Arrived at EDR: 09/05/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 9

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 03/05/2019
Next Scheduled EDR Contact: 06/17/2019
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites
A listing of unexploded ordnance site locations

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 06/19/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 87
Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 01/14/2019
Next Scheduled EDR Contact: 04/29/2019
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing
This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 08/22/2018
Date Data Arrived at EDR: 08/22/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 44
Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 02/21/2019
Next Scheduled EDR Contact: 06/03/2019
Data Release Frequency: Quarterly

AIRS: Oregon Title V Facility Listing
A listing of Title V facility source and emissions information.

Date of Government Version: 12/28/2018
Date Data Arrived at EDR: 01/03/2019
Date Made Active in Reports: 02/19/2019
Number of Days to Update: 47
Source: Department of Environmental Quality
Telephone: 503-229-6459
Last EDR Contact: 12/27/2018
Next Scheduled EDR Contact: 04/17/2047
Data Release Frequency: Annually

COAL ASH: Coal Ash Disposal Sites Listing
A listing of coal ash disposal sites.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 03/16/2018
Date Made Active in Reports: 05/15/2018
Number of Days to Update: 60
Source: Department of Environmental Quality
Telephone: 541-298-7255
Last EDR Contact: 03/04/2019
Next Scheduled EDR Contact: 06/17/2019
Data Release Frequency: Varies

DRYCLEANERS: Drycleaning Facilities
A listing of registered drycleaning facilities in Oregon.

Date of Government Version: 11/05/2018
Date Data Arrived at EDR: 11/07/2018
Date Made Active in Reports: 12/10/2018
Number of Days to Update: 33
Source: Department of Environmental Quality
Telephone: 503-229-6783
Last EDR Contact: 01/28/2019
Next Scheduled EDR Contact: 05/11/2019
Data Release Frequency: Annually

ENF: Enforcement Action Listing
Enforcement actions

Date of Government Version: 12/17/2018
Date Data Arrived at EDR: 12/19/2018
Date Made Active in Reports: 02/20/2019
Number of Days to Update: 63
Source: Department of Environmental Quality
Telephone: 503-229-5696
Last EDR Contact: 12/19/2018
Next Scheduled EDR Contact: 04/01/2019
Data Release Frequency: Quarterly

Financial Assurance 1: Financial Assurance Information Listing
Financial assurance information for hazardous waste facilities.

Date of Government Version: 08/20/2018
Date Data Arrived at EDR: 12/18/2018
Date Made Active in Reports: 02/20/2019
Number of Days to Update: 64
Source: Department of Environmental Quality
Telephone: 541-633-2011
Last EDR Contact: 03/04/2019
Next Scheduled EDR Contact: 06/17/2019
Data Release Frequency: Semi-Annually

Financial Assurance 2: Financial Assurance Information Listing

Financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 11/15/2018
Date Data Arrived at EDR: 11/16/2018
Date Made Active in Reports: 12/10/2018
Number of Days to Update: 24

Source: Department of Environmental Quality
Telephone: 503-229-5521
Last EDR Contact: 02/19/2019
Next Scheduled EDR Contact: 06/03/2019
Data Release Frequency: Semi-Annually

HSIS: Hazardous Substance Information Survey

Companies in Oregon submitting the Hazardous Substance Information Survey and either reporting or not reporting hazardous substances.

Date of Government Version: 01/29/2019
Date Data Arrived at EDR: 01/30/2019
Date Made Active in Reports: 02/20/2019
Number of Days to Update: 21

Source: State Fire Marshal's Office
Telephone: 503-373-1540
Last EDR Contact: 01/30/2019
Next Scheduled EDR Contact: 05/11/2019
Data Release Frequency: Semi-Annually

OR MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 08/06/2018
Date Made Active in Reports: 08/15/2018
Number of Days to Update: 9

Source: Department of Environmental Quality
Telephone: N/A
Last EDR Contact: 02/04/2019
Next Scheduled EDR Contact: 05/20/2019
Data Release Frequency: Annually

NPDES: Wastewater Permits Database

A listing of permitted wastewater facilities.

Date of Government Version: 01/29/2019
Date Data Arrived at EDR: 01/30/2019
Date Made Active in Reports: 02/20/2019
Number of Days to Update: 21

Source: Department of Environmental Quality
Telephone: 503-229-5657
Last EDR Contact: 01/30/2019
Next Scheduled EDR Contact: 05/20/2019
Data Release Frequency: Varies

UIC: Underground Injection Control Program Database

DEQ's Underground Injection Control Program is authorized by the Environmental Protection Agency (EPA) to regulate all underground injection in Oregon to protect groundwater resources.

Date of Government Version: 12/21/2018
Date Data Arrived at EDR: 12/27/2018
Date Made Active in Reports: 02/20/2019
Number of Days to Update: 55

Source: Department of Environmental Quality
Telephone: 503-229-5945
Last EDR Contact: 12/21/2018
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Quarterly

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Oregon.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/03/2014
Number of Days to Update: 186

Source: Department of Environmental Quality
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Oregon.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Environmental Quality
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Oregon.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/27/2013
Number of Days to Update: 179

Source: Department of Environmental Quality
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 01/30/2019
Date Made Active in Reports: 02/14/2019
Number of Days to Update: 15

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 01/30/2019
Next Scheduled EDR Contact: 05/11/2019
Data Release Frequency: Quarterly

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/15/2018
Date Made Active in Reports: 07/09/2018
Number of Days to Update: 24

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 03/11/2019
Next Scheduled EDR Contact: 06/24/2019
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: PennWell Corporation

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data

Source: PennWell Corporation

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Child Care Listings
Source: Employment Department
Telephone: 503-947-1420

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory Data
Source: Oregon Geospatial Enterprise Office
Telephone: 503-378-2166

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

MODERA MORRISON
1120 SE MORRISON STREET
PORTLAND, OR 97214

TARGET PROPERTY COORDINATES

Latitude (North):	45.516832 - 45° 31' 0.60''
Longitude (West):	122.654154 - 122° 39' 14.95''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	527012.6
UTM Y (Meters):	5040207.0
Elevation:	69 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	6067252 PORTLAND, OR
Version Date:	2014

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

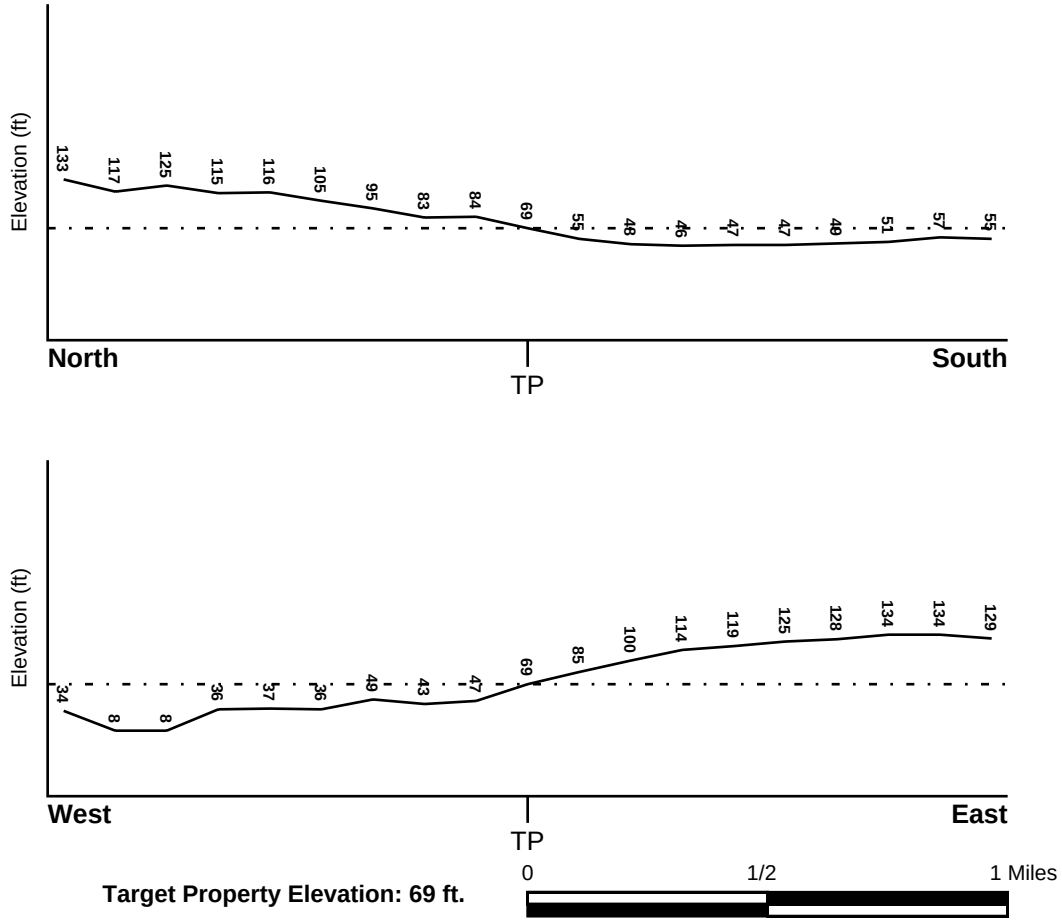
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Target Property Elevation: 69 ft.

Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
4101830035D	FEMA Q3 Flood data

Additional Panels in search area:	FEMA Source Type
4101830040C	FEMA Q3 Flood data
4101830093E	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
PORTLAND	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

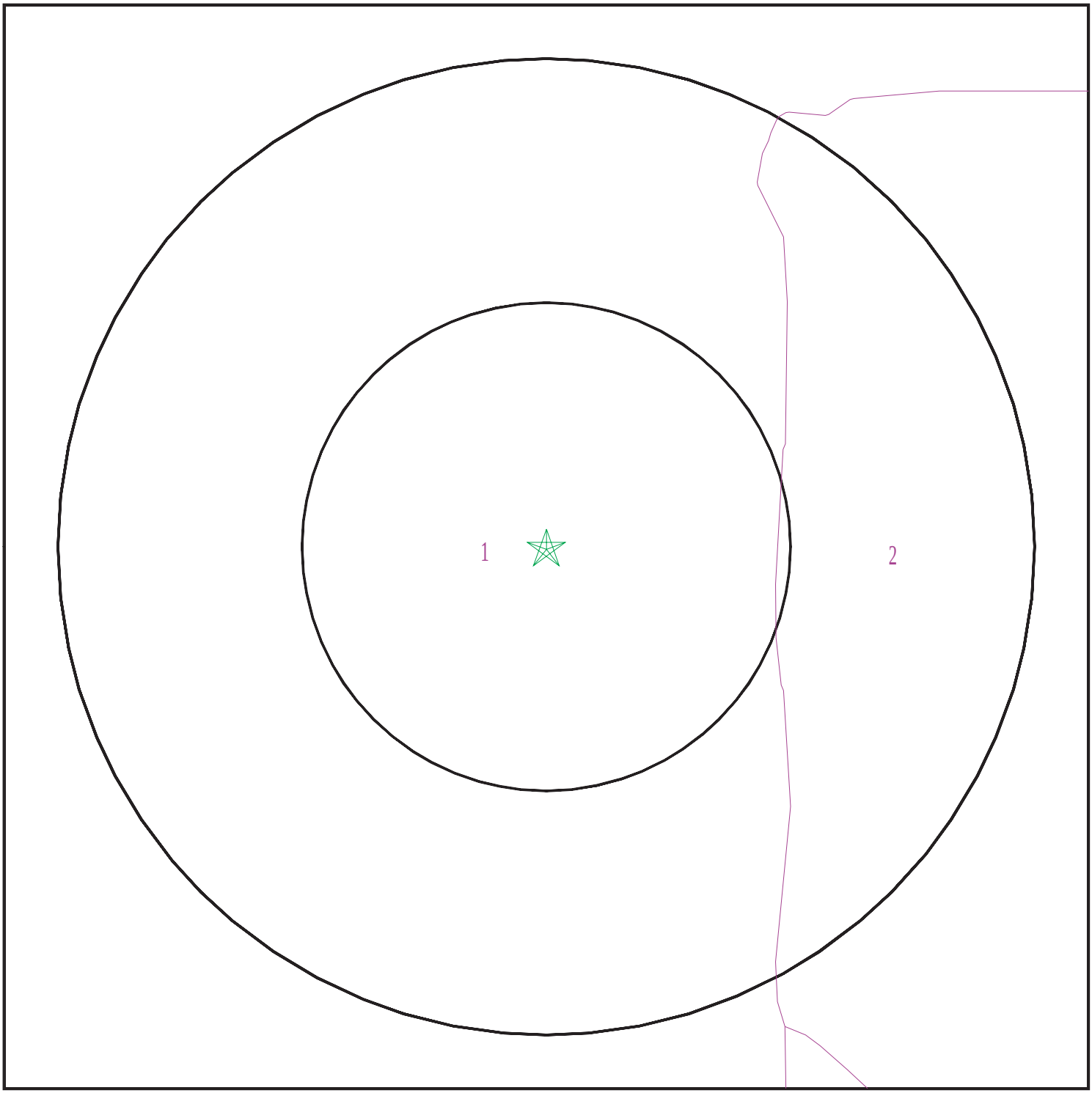
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 5588209.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	Modera Morrison	CLIENT:	GeoDesign Inc.
ADDRESS:	1120 SE Morrison Street Portland OR 97214	CONTACT:	Krysta Krippaehne
LAT/LONG:	45.516832 / 122.654154	INQUIRY #:	5588209.2s
		DATE:	March 12, 2019 8:06 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Urban land

Soil Surface Texture:
Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class:
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 2

Soil Component Name: Urban land

Soil Surface Texture:
Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class:
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 0.001 miles
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
2	USGS40000993657	1/2 - 1 Mile SSE
A3	USGS40000993751	1/2 - 1 Mile NNE
B6	USGS40000993757	1/2 - 1 Mile NNE
C8	USGS40000993633	1/2 - 1 Mile SSW
D10	USGS40000993784	1/2 - 1 Mile North
D13	USGS40000993785	1/2 - 1 Mile North

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

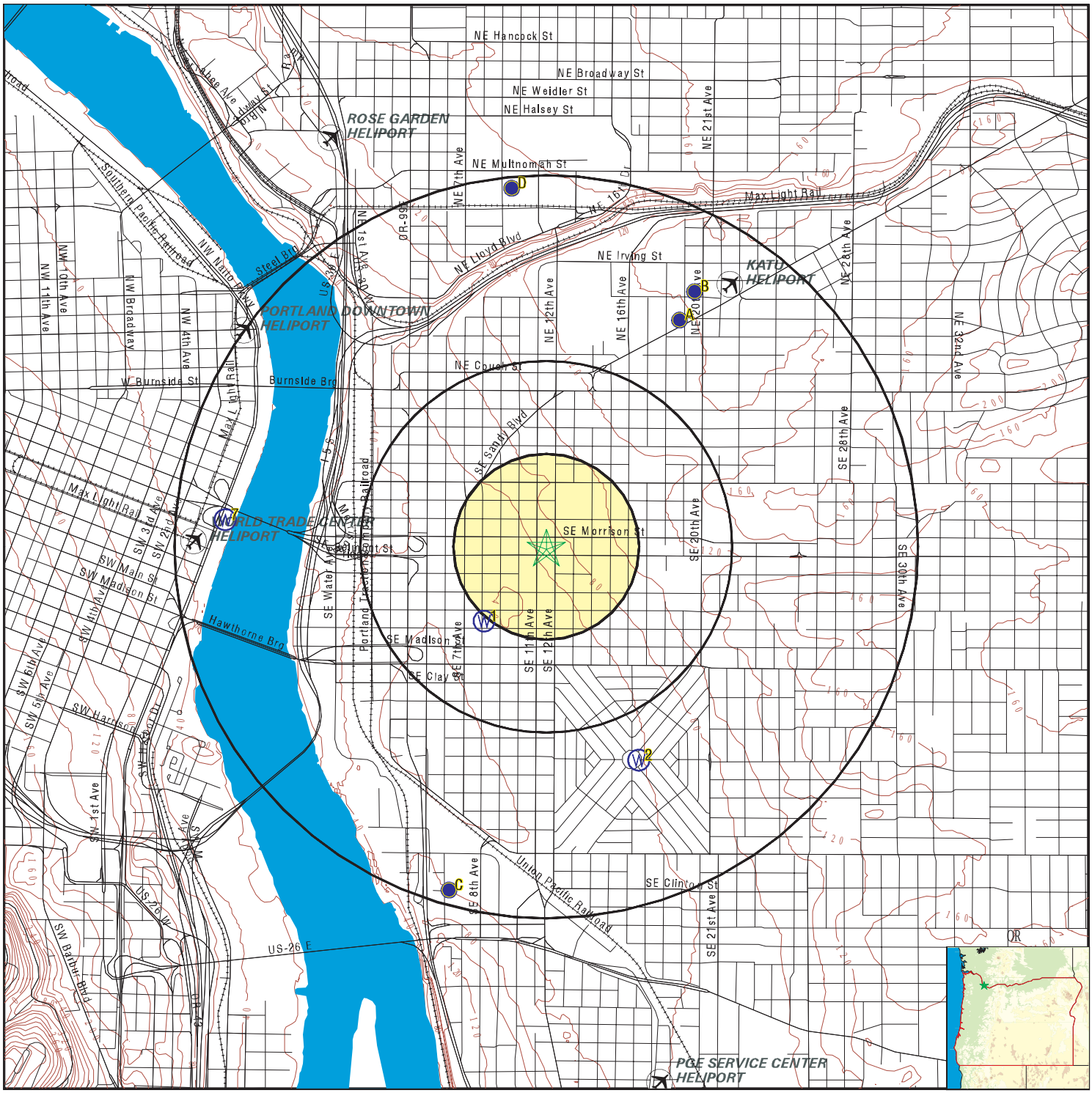
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	ORW600000004310	1/4 - 1/2 Mile SW
A4	ORW600000003578	1/2 - 1 Mile NNE
B5	ORW600000013989	1/2 - 1 Mile NNE
7	ORW600000008421	1/2 - 1 Mile West
C9	ORW600000013969	1/2 - 1 Mile SSW
D11	ORW600000013994	1/2 - 1 Mile North
D12	ORW600000003571	1/2 - 1 Mile North

PHYSICAL SETTING SOURCE MAP - 5588209.2s



0 1/4 1/2 1 Miles

- County Boundary
- Major Roads
- Contour Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- Oil, gas or related wells

SITE NAME:	Modera Morrison	CLIENT:	GeoDesign Inc.
ADDRESS:	1120 SE Morrison Street Portland OR 97214	CONTACT:	Krysta Krippaehne
LAT/LONG:	45.516832 / 122.654154	INQUIRY #:	5588209.2s
		DATE:	March 12, 2019 8:06 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

1
SW
1/4 - 1/2 Mile
Lower

OR WELLS **ORW600000004310**

Well Log ID:	MULT 2712	Last Update:	01/01/1990
Well Tag:	0	State Obs Well #:	0
Observation Well:	Not Reported	Recorder Well:	Not Reported
Obs Well Flag:	Not Reported	Surface Elevation:	40

2
SSE
1/2 - 1 Mile
Lower

FED USGS **USGS40000993657**

Organization ID:	USGS-OR	Organization Name:	USGS Oregon Water Science Center
Monitor Location:	01S/01E-02DBC	Type:	Well
Description:	QUALITY STUDY'	HUC:	17090012
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Willamette Lowland basin-fill aquifers		
Formation Type:	Troutdale Formation	Aquifer Type:	Unconfined single aquifer
Construction Date:	19940928	Well Depth:	76.9
Well Depth Units:	ft	Well Hole Depth:	77
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	4	Level reading date:	1995-07-25
Feet below surface:	20.13	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1995-03-14	Feet below surface:	19.32
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-12-14	Feet below surface:	19.87
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-11-18	Feet below surface:	20.37
Feet to sea level:	Not Reported	Note:	Not Reported

A3
NNE
1/2 - 1 Mile
Higher

FED USGS **USGS40000993751**

Organization ID:	USGS-OR	Organization Name:	USGS Oregon Water Science Center
Monitor Location:	01N/01E-35DBA	Type:	Well
Description:	Not Reported	HUC:	17090012
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19600808
Well Depth:	182	Well Depth Units:	ft
Well Hole Depth:	182	Well Hole Depth Units:	ft

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A4
NNE **OR WELLS** **ORW600000003578**
1/2 - 1 Mile
Higher

Well Log ID:	MULT 1087	Last Update:	01/01/1990
Well Tag:	0	State Obs Well #:	0
Observation Well:	Not Reported	Recorder Well:	Not Reported
Obs Well Flag:	Not Reported	Surface Elevation:	130

B5
NNE **OR WELLS** **ORW600000013989**
1/2 - 1 Mile
Higher

Well Log ID:	MULT 7059	Last Update:	04/19/2011
Well Tag:	0	State Obs Well #:	0
Observation Well:	Not Reported	Recorder Well:	Not Reported
Obs Well Flag:	Not Reported	Surface Elevation:	0

B6
NNE **FED USGS** **USGS40000993757**
1/2 - 1 Mile
Higher

Organization ID:	USGS-OR	Organization Name:	USGS Oregon Water Science Center
Monitor Location:	01N/01E-35ADC	Type:	Well
Description:	Not Reported	HUC:	17090012
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19560808
Well Depth:	380	Well Depth Units:	ft
Well Hole Depth:	380	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1956-08-08
Feet below surface:	115.0	Feet to sea level:	Not Reported
Note:	Not Reported		

7
West **OR WELLS** **ORW600000008421**
1/2 - 1 Mile
Lower

Well Log ID:	MULT 4852	Last Update:	08/16/2007
Well Tag:	0	State Obs Well #:	0
Observation Well:	Not Reported	Recorder Well:	Not Reported
Obs Well Flag:	Not Reported	Surface Elevation:	29

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

C8
SSW
1/2 - 1 Mile
Lower

FED USGS **USGS40000993633**

Organization ID:	USGS-OR	Organization Name:	USGS Oregon Water Science Center
Monitor Location:	01S/01E-11BBB	Type:	Well
Description:	Not Reported	HUC:	17090012
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19460103
Well Depth:	490	Well Depth Units:	ft
Well Hole Depth:	490	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	4	Level reading date:	1989-04-04
Feet below surface:	35	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1988-04-04	Feet below surface:	38
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1987-05-05	Feet below surface:	42
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1946-01-03	Feet below surface:	49.0
Feet to sea level:	Not Reported	Note:	Not Reported

C9
SSW
1/2 - 1 Mile
Lower

OR WELLS **ORW600000013969**

Well Log ID:	MULT 7070	Last Update:	04/19/2011
Well Tag:	0	State Obs Well #:	0
Observation Well:	Not Reported	Recorder Well:	Not Reported
Obs Well Flag:	Not Reported	Surface Elevation:	0

D10
North
1/2 - 1 Mile
Higher

FED USGS **USGS40000993784**

Organization ID:	USGS-OR	Organization Name:	USGS Oregon Water Science Center
Monitor Location:	01N/01E-35BAC1	Type:	Well
Description:	Not Reported	HUC:	17090012
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19571203
Well Depth:	272	Well Depth Units:	ft
Well Hole Depth:	272	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1957-12-03
Feet below surface:	121.0	Feet to sea level:	Not Reported

Note: Not Reported

D11
North
1/2 - 1 Mile
Higher

OR WELLS **ORW600000013994**

Well Log ID:	MULT 7057	Last Update:	04/19/2011
Well Tag:	0	State Obs Well #:	0
Observation Well:	Not Reported	Recorder Well:	Not Reported
Obs Well Flag:	Not Reported	Surface Elevation:	0

D12
North
1/2 - 1 Mile
Higher

OR WELLS **ORW600000003571**

Well Log ID:	MULT 1086	Last Update:	01/01/1990
Well Tag:	0	State Obs Well #:	0
Observation Well:	Not Reported	Recorder Well:	Not Reported
Obs Well Flag:	Not Reported	Surface Elevation:	133

D13
North
1/2 - 1 Mile
Higher

FED USGS **USGS40000993785**

Organization ID:	USGS-OR	Organization Name:	USGS Oregon Water Science Center
Monitor Location:	01N/01E-35BAC2	Type:	Well
Description:	Not Reported	HUC:	17090012
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19590211
Well Depth:	271	Well Depth Units:	ft
Well Hole Depth:	271	Well Hole Depth Units:	ft

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: OR Radon

Radon Test Results

Zipcode	Num Tests	Maximum	Minimum	Average	# > 4 pCi/L
97214	29	6.5	0.2	2.2	5

Federal EPA Radon Zone for MULTNOMAH County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for MULTNOMAH COUNTY, OR

Number of sites tested: 33

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area	1.530 pCi/L	91%	9%	0%
Basement	2.630 pCi/L	57%	43%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory Data
Source: Oregon Geospatial Enterprise Office
Telephone: 503-378-2166

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Data
Source: Department of Water Resources
Telephone: 503-986-0843

OTHER STATE DATABASE INFORMATION

Oil and Gas Well Locations
Source: Department of Geology and Mineral Industries
Telephone: 971-673-1540
A listing of oil and gas well locations in the state.

RADON

State Database: OR Radon
Source: Oregon Health Services
Telephone: 503-731-4272
Radon Levels in Orgeon

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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Oregon
Kate Brown, Governor

Department of Environmental Quality
Northwest Region
700 NE Multnomah Street, Suite 600
Portland, OR 97232
(503) 229-5263
FAX (503) 229-6945
TTY 711

June 6, 2017

CAMPF PROPERTIES LIMITED PARTNERSHIP
ALLEN CAMPF
1120 SE MORRISON ST
PORTLAND, OR 97214

Re: Campf, Allen
File No: 26-16-1462

Dear Campf Properties Limited Partnership:

The Department of Environmental Quality has received a report and K&S Environmental, Inc. certification concerning the heating oil underground storage tank (HOT) assessment and/or cleanup conducted at 1120 SE Morrison St, in Portland, Oregon.

K&S Environmental, Inc. was licensed to provide heating oil tank services and has certified that the cleanup has met the Department's requirements. The Department has registered this report and certification and closed its file on the project.

The decision to register the report and certification and to close the Department's file will no longer apply if new or undisclosed facts show that the project does not comply with the rules governing heating oil tank cleanups.

Please note that you are required by state law (ORS 105.464) to provide potential buyers a disclosure statement that includes information regarding underground storage tanks, HOTs and the environmental conditions on your property.

Accordingly, we recommend that you keep a copy of this letter, the certification and any reports of testing or corrective actions relating to your HOT with the permanent property records.

Your efforts to comply with Oregon's environmental rules and regulations to ensure that your heating oil tank has been adequately addressed have been appreciated. Proper decommissioning and cleanup helps ensure protection of the environment from future heating oil tank leaks and ensures that the heating oil does not adversely impact human health or the environment.

If you have any questions, please feel free to contact the HOT Program at (503) 229-6170.

Sincerely,

Michael H Kortenhof, Manager
DEQ Heating Oil Tank Program

cc. Contractor by email

F

Oregon

October 1, 1996

DEPARTMENT OF
ENVIRONMENTAL
QUALITY

NORTHWEST REGION

ALAN CAMPF
AJP
1120 SE MORRISON
PORTLAND OREGON 97214

Re: AJP
File No. 26-91-267

Dear Mr. Campf:

The Department has reviewed its file on the underground storage tank decommissioning and cleanup conducted at 1120 SE Morrison in Portland, Oregon. The Department has determined that the cleanup appears to have met the requirements of Oregon Administrative Rules (OAR) 340-122-205 through 340-122-360 and that no further action is required at this time.

This determination is a result of our evaluation and judgment based on the regulations and facts as we now understand them, including:

1. Two 1,000 gallon gasoline USTs were decommissioned at this location. The tanks were recycled at Mt. Hood Metals.

2. Gasoline contamination was discovered during the decommissioning. Approximately 100 cubic yards of contaminated soil were removed from the excavation and treated onsite. After treatment was complete, no contamination was detected in the treated soil.

   The final disposal location of the contaminated soil was not documented. The person responsible for the disposal is no longer able to provide documentation.

3. After excavation was complete, no contamination was detected in the soil.

4. No groundwater was encountered in the excavation.

The Department's determination will not be applicable if new or undisclosed facts show that the cleanup does not comply with the referenced rules. The Department's determination also does not apply to any conditions at the site other than the release of the petroleum product specifically addressed in the report(s).

John A. Kitzhaber
Governor

2020 SW Fourth Avenue
Suite 400
Portland, OR 97201-4987
(503) 229-5263 Voice
TTY (503) 229-5471

Please note that pursuant to OAR 340-122-360(2), a copy of your report must be retained until ten (10) years after the first transfer of the property. We recommend that a copy of this information be kept with the permanent facility records.

Your efforts to comply with the regulations to ensure that your facility has been adequately cleaned up have been appreciated. If you have any questions, please call me at (503) 229-5474.

Sincerely,

Andree Pollock
UST Cleanup Specialist

(avp:AVP)

cjp NORTHWEST, INC.

July 02, 1996

Andree Pollock
Environmental Quality
2020 S W Fourth Avenue
Suite 400
Portland, Oregon 97201

Re: File No. 26-91-267

Sir:

As you requested, per our telephone conversation on Tuesday morning July 2, 1996, the following statement is made based upon what I know referencing your letter, (see attached copy).

The contaminated soil was treated on site (on our parking lot). A gentleman named Daniel Lindenberger, his company name I do not remember, was in charge of the project. Where his company took the soil, once treated, and okayed by your department for removal, I do not know. Mr. Lindenberger, unfortunately is now institutionalized in Salem, do to a diabetic coma he went into, which rendered him brain dead.

If you have any further questions please call.

Sincerely,

Alan Campf
CEO

cc

DEPT OF ENVIRONMENTAL QUALITY
RECEIVED
JUL 3 1996
NORTHWEST REGION

1120 S.E. MORRISON ST., PORTLAND, OR 97214
PHONE (503) 235-8341 FAX (503) 231-3991

Oregon

June 28, 1996

DEPARTMENT OF
ENVIRONMENTAL
QUALITY

NORTHWEST REGION

ALLEN CAMPF
AJP
1120 SE MORRISON
PORTLAND OREGON 97214

Re: AJP
File No. 26-91-267

Dear Mr. Campf:

The Department has reviewed its file on the underground storage tank decommissioning and cleanup conducted at 1120 SE Morrison in Portland, Oregon. Based upon this review the cleanup appears to be complete with the exception of documentation of the final disposal location for the treated soil.

Please submit a letter that describes what happened to the treated soil. Please find attached a property owner statement that needs to be filled out by the receiving property owner and the Department's policy on soil reuse.

Once we have received the requested information, the Department can complete its review of the cleanup. If you have any questions, please call me at (503) 229-5474.

Sincerely,

Andree Pollock
UST Cleanup Specialist

(avp:AVP)

DEPT OF ENVIRONMENTAL QUALITY
RECEIVED

JUL 3 1996

NORTHWEST REGION

John A. Kitzhaber
Governor

2020 SW Fourth Avenue
Suite 400
Portland, OR 97201-4987
(503) 229-5263 Voice
TTY (503) 229-5471
DEQ-1

Policy Statement
Environmental Cleanup Division

Policy 550
Page 1 of 1

Michael Downs
(Approved by)

Sept 16, 1992
(Date)

POLICY FOR REUSE OF PETROLEUM CONTAMINATED SOIL

A. BACKGROUND

Many leaking underground storage tank sites produce significant volumes of petroleum contaminated soils (PCS). Frequently the owners and operators of these sites wish to treat and reuse the PCS rather than dispose of the soils in landfills. In order to protect human health, welfare, and the environment, it is necessary for DEQ to establish a formal policy recommending standards for treatment and reuse of PCS. The purpose of the policy is to define the recommended treatment standards which should be met in order to reuse PCS.

B. APPLICABILITY

This policy applies to treatment and reuse of soils contaminated by releases of petroleum products only.

C. POLICY STATEMENT

1. Soils which will be used as backfill in the excavation from which they were removed are required to be treated to the matrix cleanup standard applicable to the site of origin in accordance with OAR 340-122-335.

2. Soils which will be used off-site should meet the appropriate level one matrix cleanup standard for the substance released; if the soils are used off-site, the property owner receiving the treated soil should acknowledge in writing that the soils have been placed in accordance with this policy; this acknowledgement should also indicate that the owner of the property accepting the contaminated soil understands the nature and origin of the soils.

3. In all cases, reuse of the treated PCS should be such that soils are placed above the seasonal high groundwater level and are isolated from human contact or possible exposure. Treated PCS should not be placed in wetlands or within the 100-year floodplain.

4. In all cases, disposition of soils (including reuse on-site or off-site) must be reported to DEQ in accordance with OAR 340-122-360.

5. In accordance with OAR 340-122-250 (corrective action plan requirements), DEQ will consider alternate cleanup standards for reuse of PCS on a case by case basis; under no circumstances will DEQ approve of cleanup standards which do not adequately protect human health, safety, welfare, and the environment.

Although these treatment standards and reuse control measures are considered adequate to protect human health, safety, welfare and the environment, the Department strongly supports and encourages efforts to attain the lowest practicable treatment levels and thereby reduce the impact to the environment.

LUST\SM4688 (9/14/92)

PROPERTY OWNER STATEMENT

FINAL SOIL DISPOSITION

FACILITY INFORMATION

(UST cleanup project where soils originated)

DEQ File Number assigned to site: 26-91-267

Facility Name: A+T P Northwest Inc

Facility Address: 1120 SE Morrison St
Portland OR 97214

FINAL DISPOSITION SITE INFORMATION

(Property where treated soils will be placed once treatment is complete)

Site Address: _____

_____

Tax Lot No.(s): _____ **County:** _____

Approximate size of property:

Acres: _____ **or Sq. Ft.:** _____ **or Dimensions:** _____

Property Owner Name: _____

Mail Address: _____

_____

Phone Number: _____

THE PROPERTY OWNER WHERE THE TREATED SOILS WILL BE DEPOSITED MUST SIGN AND DATE THE FOLLOWING STATEMENT:

As the owner of the property listed above which will receive the petroleum contaminated soil from the UST cleanup project listed above once treatment is complete, I agree to ensure that the soils will be placed on my property such that they are 1) above seasonal high groundwater levels, 2) not located near wetlands or surface water, and 3) will be placed out of human contact or possible exposure. I also understand that I may be jointly responsible and liable for any future problems arising from this treatment project.

Signature: _____ ***Date:*** _____

This signed statement must be included with the Soil Treatment Plan.

Oregon

DEPARTMENT OF
ENVIRONMENTAL
QUALITY

NORTHWEST REGION

June 28, 1996

ALLEN CAMPF
AJP
1120 SE MORRISON
PORTLAND OREGON 97214

Re: AJP
File No. 26-91-267

Dear Mr. Campf:

The Department has reviewed its file on the underground storage tank decommissioning and cleanup conducted at 1120 SE Morrison in Portland, Oregon. Based upon this review the cleanup appears to be complete with the exception of documentation of the final disposal location for the treated soil.

Please submit a letter that describes what happened to the treated soil. Please find attached a property owner statement that needs to be filled out by the receiving property owner and the Department's policy on soil reuse.

Once we have received the requested information, the Department can complete its review of the cleanup. If you have any questions, please call me at (503) 229-5474.

Sincerely,

Andree Pollock
UST Cleanup Specialist

(avp:AVP)

John A. Kitzhaber
Governor

2020 SW Fourth Avenue
Suite 400
Portland, OR 97201-4987
(503) 229-5263 Voice
TTY (503) 229-5471
DEQ-1

PROPERTY OWNER STATEMENT

FINAL SOIL DISPOSITION

FACILITY INFORMATION

(UST cleanup project where soils originated)

DEQ File Number assigned to site:_____

Facility Name:_____

Facility Address:_____

_____

FINAL DISPOSITION SITE INFORMATION

(Property where treated soils will be placed once treatment is complete)

Site Address:_____

_____

Tax Lot No.(s):_____ County:_____

Approximate size of property:

Acres:_____ or Sq. Ft.:_____ or Dimensions:_____

Property Owner Name:_____

Mail Address:_____

_____

Phone Number:_____

THE PROPERTY OWNER WHERE THE TREATED SOILS WILL BE DEPOSITED MUST SIGN AND DATE THE FOLLOWING STATEMENT:

As the owner of the property listed above which will receive the petroleum contaminated soil from the UST cleanup project listed above once treatment is complete, I agree to ensure that the soils will be placed on my property such that they are 1) above seasonal high groundwater levels, 2) not located near wetlands or surface water, and 3) will be placed out of human contact or possible exposure. I also understand that I may be jointly responsible and liable for any future problems arising from this treatment project.

*Signature:*_____ *Date:*_____

This signed statement must be included with the Soil Treatment Plan.

Policy Statement
Environmental Cleanup Division

Policy 550
Page 1 of 1

Michael Downs
(Approved by)

Sept 16, 1992
(Date)

POLICY FOR REUSE OF PETROLEUM CONTAMINATED SOIL

A. BACKGROUND

Many leaking underground storage tank sites produce significant volumes of petroleum contaminated soils (PCS). Frequently the owners and operators of these sites wish to treat and reuse the PCS rather than dispose of the soils in landfills. In order to protect human health, welfare, and the environment, it is necessary for DEQ to establish a formal policy recommending standards for treatment and reuse of PCS. The purpose of the policy is to define the recommended treatment standards which should be met in order to reuse PCS.

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3. In all cases, reuse of the treated PCS should be such that soils are placed above the seasonal high groundwater level and are isolated from human contact or possible exposure. Treated PCS should not be placed in wetlands or within the 100-year floodplain.

4. In all cases, disposition of soils (including reuse on-site or off-site) must be reported to DEQ in accordance with OAR 340-122-360.

5. In accordance with OAR 340-122-250 (corrective action plan requirements), DEQ will consider alternate cleanup standards for reuse of PCS on a case by case basis; under no circumstances will DEQ approve of cleanup standards which do not adequately protect human health, safety, welfare, and the environment.

Although these treatment standards and reuse control measures are considered adequate to protect human health, safety, welfare and the environment, the Department strongly supports and encourages efforts to attain the lowest practicable treatment levels and thereby reduce the impact to the environment.

LUST\SM4688 (9/14/92)

RHW

SOIL AERATION FIELD INSPECTION REPORT

Site Name: AJP Janitorial Date: 6/10/92

Site Address: 1120 SE Morrison

File No.: 26-91-267 Inspector: JKN

PHOTOS TAKEN? Y / N (attach) ESTIMATED VOLUME OF SOIL: _____ yd^3

Y	(N)	1.	Is there any soil onsite?
Y	N	2.	Is any soil being treated offsite? If yes, please list the site address. _____
Y	N	3.	If soil is present onsite is it stockpiled?
Y	N	4.	If soil is present onsite is it being actively treated?
Y	N	5.	Is the soil placed on plastic sheeting or other liner or in a paved or concreted area?
Y	N	6.	Are appropriate runoff controls in place? (berms, hay bales, etc.)
Y	N	7.	Is the treatment area located near (<100 feet) a wetland, stream, or residential area?
Y	N	8.	Does it look like the soil is covered during peak runoff periods?
Y	N	9.	Is access to the soil restricted? (within fenced area, area posted, etc.)
Y	N	10.	Is the treatment area located near residential properties, parks, or other areas with public access?
Y	N	11.	Is the treatment area on a steep embankment?
Y	N	12.	Is there an open excavation?
Y	N	13.	Is water present in the excavation?
Y	N	14.	Is follow up at the site recommended?

(12)

SITE SKETCH

↑
N

NOTES

O'Sullivan
PETROLEUM EQUIPMENT COMPANY
3214 16th Avenue S.W.
Seattle, Washington 98134
(206) 682-2440
FAX (206) 621-8568
•
28395 S.W. Boberg Road
Wilsonville, Oregon 97070
(503) 682-0275
FAX (503) 682-3607

April 30,1992

DEPT OF ENVIRONMENTAL QUALITY
(illegible)
MAY 04 1992
NORTHWEST REGION

Mr. Dick Wixom
Oregon D.E.Q.
1500 S.W. first Suite #750
Portland, Oregon 97204

Re: AJP Tank Removal and Contamination

Dear Dick;

In response to your request I have enclosed a copy of the initial report for the above project. In addition, I would like to explain the apparent discrepancy on soils testing.

O'Sullivan encountered contamination while excavating and removing two tanks at the AJP site. We extracted five samples on July 19,1991, AJP 1 through AJP5. AJP 5 sample was taken at eight feet, the remaining samples were recovered at nine feet. Having detected the presence of contamination during tank removal before any soils testing, we sampled the area of contamination and then removed it from the excavation. The quantity was 418 PPM for gasoline on sample AJP5. Subsequent tests at nine feet confirmed we had removed the extent of contamination. We used this methodology in an attempt to save our client the expense of additional testing and response time from the testing lab.

The contamination excavation consisted of approximately one hundred yards of material. We moved that material to behind the AJP building on 11th & Morrison and spread it out in 6" layers covered with visqueen and surrounded by hay bales. In October (see attached testing reports), Chad Walker took three additional samples for TPH-G and the results were non-detect.

We notified the owner of AJP that the soil from the tank decommissioning was now safe for removal and final reports for its removal need to be sent to the D.E.Q. for closure purposes.

If you have any further questions or I can be of additional assistance, please feel free to contact either myself or Chad Walker at the above Oregon number.

Sincerely,

Jeffrey Spencer

O'Sullivan
CONSTRUCTION INC.

3214 16th Avenue S.W.
Seattle, Washington 98134
(206) 682-2440

•

28395 S.W. Boberg Road
Wilsonville, Oregon 97070
(503) 682-0275

July 29, 1991

Mr. Andre Pollock
Oregon D.E.Q.
811 S.W. 6th Avenue
Portland, Oregon 97204

RE: Tank Removal - AJP
Facility #6680

Dear Mr. Pollock:

This letter serves as an initial notice on the AJP tank removal project. Through our phone conversation on 7-19-91, you were aware that soil contamination was found while removing the two existing 1,000 gallon gas tanks, and that we planned to overexcavate the area, take soil samples, remediate the soil on site and backfill the tank excavation. In that conversation you stated that this was the appropriate action to take. Enclosed you will find a sketch showing all soil sample locations and results.

We have excavated approximately 100 cubic yards of contaminated material from the tank location. These spoils are still on site, covered with visqueen. Soils tests have indicated to us that the excavation is clean. We have backfilled this area. The contaminated material remediation will take place on site.

If you have any questions or comments, please feel free to contact me. Thank you for your prompt attention in this matter.

Very truly yours,

O'SULLIVAN CONSTRUCTION, INC.

Chad A. Walker

Chad A. Walker
Estimator/Project Manager

CAW/plg

enclosures

cc: Alan Campf, AJP

RECEIVED OCT 1 3 1991

RAYMOND & ASSOCIATES, INC.
ENVIRONMENTAL SCIENTISTS

1128 S.W. 13TH, PORTLAND, OR 97205
(503) 223-2737 FAX: 223-6168

October 16, 1991

O'Sullivan Construction
28395 S.W. Boberg Rd.
Wilsonville, OR 97070

PROJECT NAME/SITE: AJP

PO #: 20392
PROJECT #: 2291-010

(LAB FILE: O'SULL24.DOC)

LAB ID/ FIELD ID:

2452/ SPOILS AJP SOIL

TPH-HCID:	GASOLINE	DIESEL	HEAVY OIL
	Not Detected	Not Detected	Not Detected

Extract surrogate recovery was 149%

TPH-HCID Parameters:
1) If possible, identification is by comparison to reference chromatograms. If identification cannot be made by comparison, then compounds from C_6 to C_{10} are called "Gasoline"; from C_{11} to C_{28} are called "Diesel"; and C_{29} and beyond are called "Heavy Oil".
2) The reporting limit for Gasoline is 20 mg/kg.
3) The reporting limit for Diesel is 50 mg/kg.
4) The reporting limit for Heavy Oil is 50mg/kg.

BTEX (602/8020) Parameters for Water
1) The detection limit for Benzene, Toluene, Ethylbenzene and each Xylene is 3ug/l (ppb).
2) The laboratory blank showed no BTEX.
3) Duplicate analysis agreed to within 15%.

BTEX (602/8020) Parameters for Soil
1) The detection limit for Benzene, Toluene, Ethylbenzene and each Xylene is .1 mg/kg
2) The laboratory blank showed no BTEX.
3) Duplicate analysis agreed to within 15%.

TPH-G Parameters:
1) Duplicate analyses agree to within 10%.
2) The reporting limit is 10 mg/kg.
3) Laboratory blank showed no gasoline.

TPH-418.1 Parameters for Soil
1) The detection limit for TPH is 2 mg/kg.
2) The limit of quantitation is 6 mg/kg.
3) The laboratory blank showed no detected TPH.

TPH-418.1 Parameters for Water
1) The detection limit for TPH is .1 mg/l
2) The limit of quantitation is .3 mg/l
3) The laboratory blank showed no detected TPH.

HAYMOND & ASSOCIATES, INC.
ENVIRONMENTAL SCIENTISTS

1128 S.W. 13TH, PORTLAND, OR 97205
(503) 223-2737 FAX: 223-6168

RECEIVED NOV 01 1991

October 30, 1991

O'Sullivan Construction
28395 S.W. Boberg Rd.
Wilsonville, OR 97070

PROJECT NAME/SITE: AJP

PO #: 20518

PROJECT #: 2291-010

(LAB FILE: O'SULL30.DOC)

LAB ID/ FIELD ID:

2720/ AJP SPOILS 2 SOIL

TPH-G: Hydrocarbons not detected or present below reporting limit.

2721/ AJP SPOILS 3 SOIL

TPH-G: Hydrocarbons not detected or present below reporting limit.

TPH-HCID Parameters:
1) If possible, identification is by comparison to reference chromatograms. If identification cannot be made by comparison, then compounds from C_6 to C_{10} are called "Gasoline"; from C_{11} to C_{28} are called "Diesel"; and C_{29} and beyond are called "Heavy Oil".
2) The reporting limit for Gasoline is 20 mg/kg.
3) The reporting limit for Diesel is 50 mg/kg.
4) The reporting limit for Heavy Oil is 50mg/kg.

BTEX (602/8020) Parameters for Water
1) The detection limit for Benzene, Toluene, Ethylbenzene and each Xylene is 3ug/l (ppb).
2) The laboratory blank showed no BTEX.
3) Duplicate analysis agreed to within 15%.

BTEX (602/8020) Parameters for Soil
1) The detection limit for Benzene, Toluene, Ethylbenzene and each Xylene is .1 mg/kg
2) The laboratory blank showed no BTEX.
3) Duplicate analysis agreed to within 15%.

TPH-G Parameters:
1) Duplicate analyses agree to within 10%.
2) The reporting limit is 10 mg/kg.
3) Laboratory blank showed no gasoline.

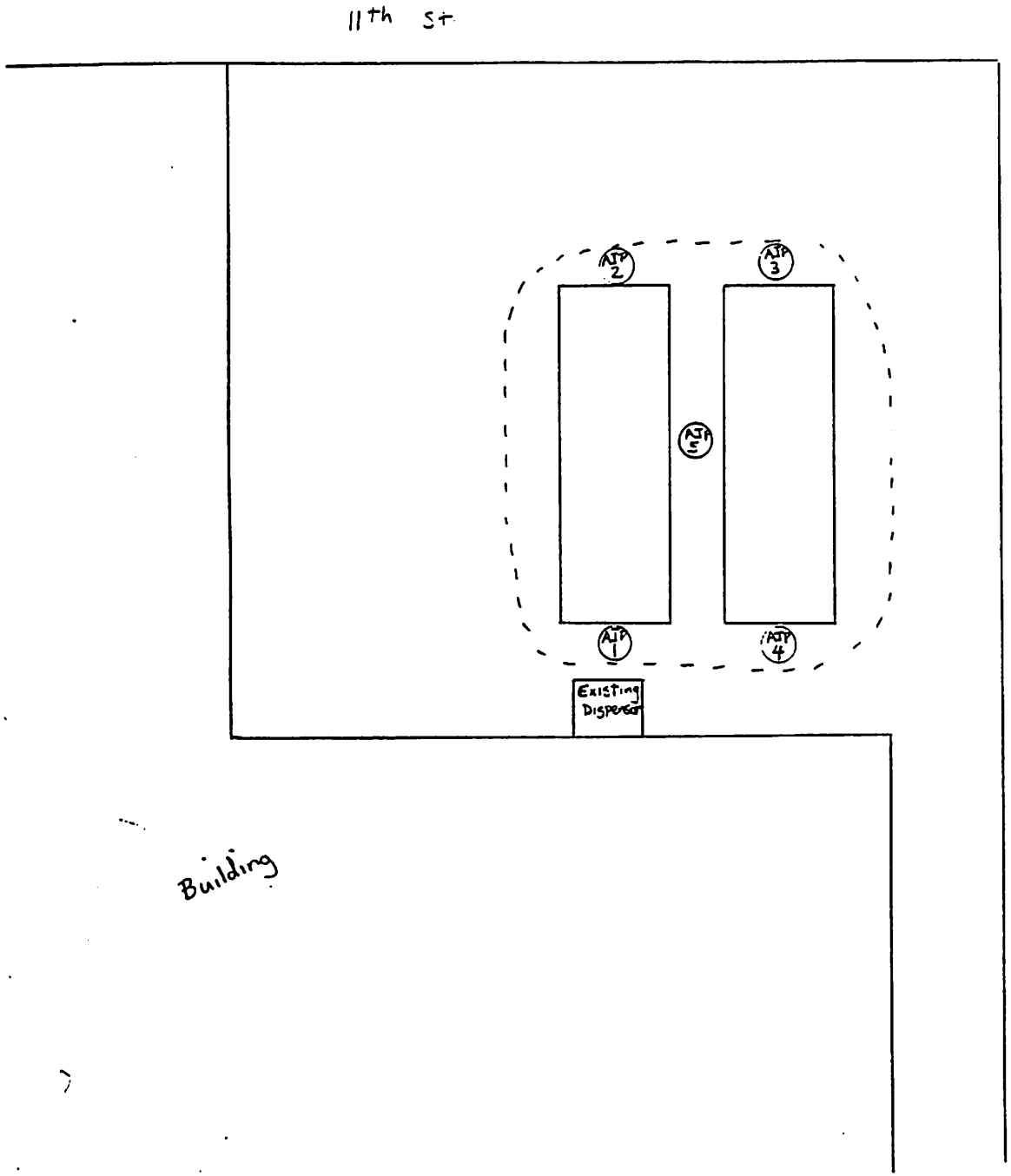
TPH-418.1 Parameters for Soil
1) The detection limit for TPH is 2 mg/kg.
2) The limit of quantitation is 6 mg/kg.
3) The laboratory blank showed no detected TPH.

TPH-418.1 Parameters for Water
1) The detection limit for TPH is .1 mg/l
2) The limit of quantitation is .3 mg/l
3) The laboratory blank showed no detected TPH.

TPH-D Parameters for Soil
1) Duplicate analyses agree to within 10%.
2) The reporting limit is 20 mg/kg.
3) The laboratory blank showed no diesel.

AJP SOIL SAMPLE PLAN

SCALE 1/4" = 1'-0"



RESULTS

DATE	SAMPLE #	DEPTH	TPH-NCID mg/kg
07/19	AJP1	9'	ND
	AJP2	9'	ND
	AJP3	9'	ND
	AJP4	9'	ND
	AJP5	8'	418

HAYMOND & ASSOCIATES, INC.
ENVIRONMENTAL SCIENTISTS

1128 S.W. 13TH, PORTLAND, OR 97205
(503) 223-2737 FAX: 223-6168

TPH-HCID Parameters:
1) If possible, identification is by comparison to reference chromatograms. If identification can not be made by comparison, then compounds from C_6 to C_{10} are called "Gasoline"; from C_{11} to C_{28} are called "Diesel"; and C_{29} and beyond are called "Heavy Oil".
2) The reporting limit for Gasoline is 20 mg/kg.
3) The reporting limit for Diesel is 50 mg/kg.
4) The reporting limit for Heavy Oil is 50mg/kg.

BTEX (602/8020) Parameters for Water
1) The detection limit for Benzene, Toluene, Ethylbenzene and each Xylene is 3ug/l (ppb).
2) The laboratory blank showed no BTEX.
3) Duplicate analysis agreed to within 15%.

BTEX (602/8020) Parameters for Soil
1) The detection limit for Benzene, Toluene, Ethylbenzene and each Xylene is .2 mg/Kg
2) The laboratory blank showed no BTEX.
3) Duplicate analysis agreed to within 15%.

TPH-G Parameters:
1) Duplicate analyses agree to within 10%.
2) The reporting limit is 10 mg/kg.
3) Laboratory blank showed no gasoline.

TPH-418.1 Parameters for Soil
1) The detection limit for TPH is 2 mg/kg.
2) The limit of quantitation is 6 mg/kg.
3) The laboratory blank showed no detected TPH.

TPH-418.1 Parameters for Water
1) The detection limit for TPH is .1 mg/kg
2) The limit of quantitation is .3 mg/kg.
3) The laboratory blank showed no detected TPH.

HAYMOND & ASSOCIATES, INC.
ENVIRONMENTAL SCIENTISTS

1128 S.W. 13TH, PORTLAND, OR 97205
(503) 223-2737 FAX: 223-6168

O'Sullivan Construction
28395 S.W. Boberg Rd.
Wilsonville, OR
97070

Site: AJP
FILE: O'SULL12

July 19, 1991

LAB I.D./FIELD I.D., MEDIA

1343/AJP1, SOIL
Gasoline not detected by TPH-HCID
Diesel fraction not detected by TPH-HCID
Heavy Oil not detected by TPH-HCID
Extract surrogate recovery was 92%
Hydrocarbons not detected, or present below reporting limit by TPH-G

1344/AJP2, SOIL
Gasoline not detected by TPH-HCID
Diesel fraction not detected by TPH-HCID
Heavy Oil not detected by TPH-HCID
Extract surrogate recovery was 115%
Hydrocarbons not detected, or present below reporting limit by TPH-G

1345/AJP3, SOIL
Gasoline not detected by TPH-HCID
Diesel fraction not detected by TPH-HCID
Heavy Oil not detected by TPH-HCID
Extract surrogate recovery was 58%
Hydrocarbons not detected, or present below reporting limit by TPH-G

1346/AJP4, SOIL
Gasoline not detected by TPH-HCID
Diesel fraction not detected by TPH-HCID
Heavy Oil not detected by TPH-HCID
Extract surrogate recovery was 65%
Hydrocarbons not detected, or present below reporting limit by TPH-G

1347/AJP4, SOIL
Gasoline identified by TPH-HCID
Diesel fraction not detected by TPH-HCID
Heavy Oil not detected by TPH-HCID
418 mg/kg Total Gasoline by TPH-G

RHO

#26-91-2167

O'Sullivan

PETROLEUM EQUIPMENT COMPANY

3214 16th Avenue S.W.
Seattle, Washington 98134
(206) 682-2440
FAX (206) 621-8568

•

28395 S.W. Boberg Road
Wilsonville, Oregon 97070
(503) 682-0275
FAX (503) 682-3607

March 19, 1992

Dept. of Environmental Quality
RECEIVED
MAR 23 1992
logged DB
NORTHWEST REGION

Alan Campf
AJP
1120 SE Morrison
Portland, OR 97214

RE: AJP
DEQ Decommissioning Forms

Dear Mr. Campf:

Enclosed are copies of the DEQ forms related to the tank decommissioning at the AJP site in Portland. Please sign the forms in the indicated areas and forward one set to the DEQ location listed below.

Atten: Beth Brady
DEQ Northwest Region
811 S.W. 6th
Portland, Oregon 97204

Please return a signed copy of the reports to us. If you have any questions please feel free to contact me.

Very truly yours,

O'SULLIVAN PETROLEUM EQUIPMENT COMPANY

Dennis P. Freitas

Dennis P Freitas
Foreman

CAW/plg

enclosures

Oregon Department of Environmental Quality

UNDERGROUND STORAGE TANK DECOMMISSIONING/SERVICE CHANGE REPORT

DEQ FACILITY NUMBER: 6680 DATE: 08/21/91

FACILITY NAME: ATP

FACILITY ADDRESS: 1120 SE Morrison St

Portland, OR 97214

PHONE: (503) 235-8341

Dept. of Environmental Quality
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SEP 3 1991
NORTHWEST REGION

The following information MUST be submitted by the underground storage tank owner, operator or licensed DEQ Supervisor within 30 days following completion of the tank decommissioning or changing tank contents to a non-regulated substance. (OAR 340-150-001 though -150)

The attached supplemental checklist should be prepared by the person performing the decommissioning. The checklist should be provided to DEQ and the tank owner to demonstrate that all required practices were followed.

Ordinarily the checklist is filled out by the DEQ licensed Service Provider or Supervisor. Owners who wish to personally decommission a tank must follow all DEQ and other applicable standards. The owner should contact the DEQ Regional Office prior to starting the decommissioning to receive current copies of underground storage tank regulations.

A. DATES:

Decommissioning/Service Change Notice - Date Submitted: 05/15/91 (30 days before work starts)

Work Start Telephone Notice - Date Submitted: 07/16/91 (3 working days before work starts)

DEQ Person Notified: Catherine Blaine

Date Work Started: 07/19/91

Date Work Completed: 07/25/91

Note: Provide the following information if any soil or water contamination is found during the decommissioning. Contamination must be reported by the UST owner or operator within 24 hours. The licensed service provider must report contamination within 72 hours after discovery unless previously reported.

Date Contamination Reported: 07/19/91 By: Chad A. Walker

DEQ Person Notified: Andree Pollack

Backfill Telephone Notice - Date Called: 07/19/91 (before backfilling)

DEQ Person Notified: Andree Pollack

B. PERMITS:

Note: DEQ permits or an addendum to the UST permit(s) may be needed where soil or water cleanup is required.

B. PERMITS (Continued)

UST Soil Treatment Permit Addendum - Type: On-Site Date: 08/12/91

Soil Disposal or Treatment Location: AJP 1120 SE Morrison Portland OR 97214

C. TANK INFORMATION:

Tank #	DEQ UST Permit	Tank Size in (Gallons)	Product: Gasoline, Diesel, Used Oil, Other?		Closure or Service Change?			Tank to be Replaced?	
			Present	New	Tank Removal	Closure∞ Inplace	New ∞ Product	Yes*	No
1	NA	1000	Gasoline		✓				✓
2	NA	1000	Gasoline		✓				✓

* Where decommissioned tank(s) are replaced by new underground storage tanks the UST owner or operator must submit a new permit application containing information on the new tanks 30 days before placing them in service.

∞ Submit a soil sampling plan to the DEQ regional office and receive plan approval prior to starting work if 1) tank is to be decommissioned in-place, 2) tank contents are changed to a non-regulated substance, or 3) tank contains a regulated substance other than petroleum.

D. DISPOSAL INFORMATION:

Tank #	Tank & Piping Disposal Method				Disposal Location of Tank Contents *	
	Scrap	Land-fill	Other	Identify Location & Property Owner	Liquids	Sludges
1	✓			MT Hood Metals	Pacific Coast	
2	✓			MT Hood Metals	Pacific Coast	

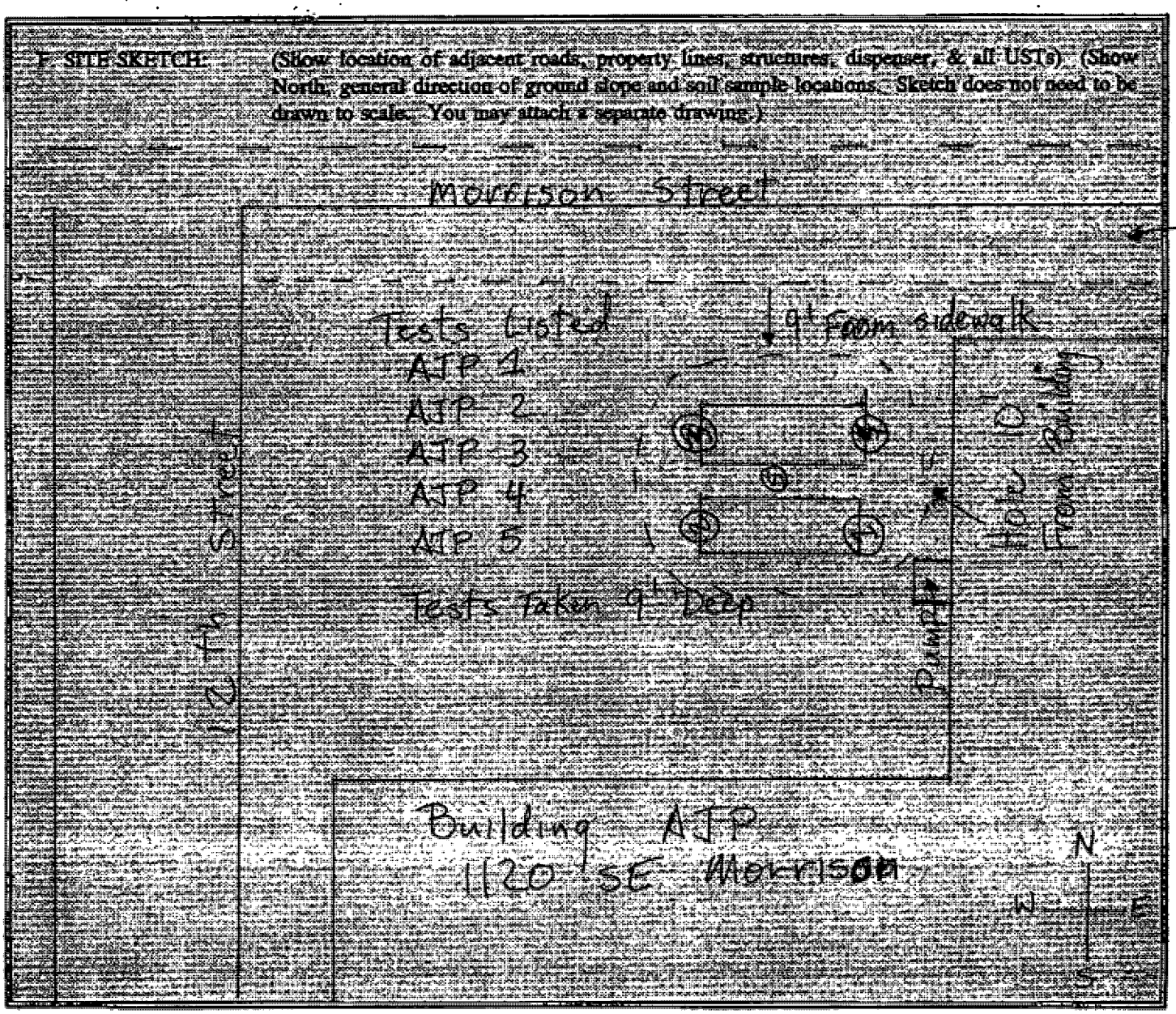
* Note: The tank contents, the tank and the piping may be subject to the requirements of Hazardous Waste regulations. If you have questions, contact the DEQ Hazardous Waste Section at (503) 229-5913 or DEQ regional office hazardous waste staff.

E. CONTAMINATION INFORMATION:

Tank #	Ground* water in pit?	Product odor in soil?	Product stains in soil?	Number of Samples	Laboratory (Name, City, State, Phone)
1	No	Yes	Yes	2	Haymond + Assoc. Portland, OR 223-2737
2	No	Yes	Yes	2	Haymond + Assoc. Portland OR 223-2737

*** Note: Sampling is required if groundwater is encountered. See cleanup rules.**

F. SITE SKETCH: (Show location of adjacent roads, property lines, structures, dispenser, & all UST(s). (Show North, general direction of ground slope and soil sample locations. Sketch does not need to be drawn to scale. You may attach a separate drawing.)



G. WORK PERFORMED BY:

DEQ Service Provider's License #: 810 Construction Contractors License #: 64201

Name: O'Sullivan Construction

Telephone: (503) 682-0275

DEQ Decommissioning Supervisor's License #: 905

Name: Win Brown

Telephone: (503) 682-0275

DEQ Soil Matrix Service Provider's License #: 1768 (If applicable)

Name: O'Sullivan Construction

Telephone: (503) 682-0275

DEQ Soil Matrix Supervisor's License #: 1807 (If applicable)

Name: Win Brown

Telephone: (503) 682-0275

H. ATTACHMENTS TO THIS REPORT:

1. Attach a copy of the laboratory report showing the results of all tests on all soil and water samples. The laboratory report must identify sample collection methods, sample location, sample depth, sample type (soil or water), type of sample container, sample temperature during transportation, types of tests, and copies of analytical laboratory reports, including QA/QL information. Include laboratory name, address and copies of chain-of-custody forms.

2. If contamination is detected and a Level 2 or Level 3 soil matrix cleanup standard is selected attach a copy of the soil matrix analysis for the site including methods of determining soil type, depth to groundwater, and sensitivity of uppermost aquifer.

I. REPORT FILING:

This report, signed by the tank owner or operator, complete with all applicable attachments must be filed with DEQ headquarters within 30 days after the excavation is backfilled or change-in-service is complete. Contact the DEQ regional office prior to filing this report where special circumstances exist at the site (such as water in pit, remaining pockets or contamination, etc.).

NOTE: If contamination was found during site assessment at decommissioning or change-in-service and reported to DEQ regional office, this report may be submitted with either the first interim cleanup report or the final cleanup report, whichever is first.

Return Completed Form to:

Department of Environmental Quality
UST Program - Decommissioning Report
811 S.W. Sixth Ave.
Portlane, Oregon 97204

I have personally reviewed this report and the attachments and find them to be true and complete.

Signature: _____ Date: 3-20-92
(Owner or Operator)

For information: (503) 229-5733 or Toll Free in Oregon 1-800-452-4011

Oregon Department of Environmental Quality

UNDERGROUND STORAGE TANK DECOMMISSIONING CHECKLIST

DEQ FACILITY NUMBER: 6680 - Bernstein Brothers DATE: 08/27/91

FACILITY NAME: AJP

FACILITY ADDRESS: 1120 SE Morrison St
Portland OR 97214

PHONE: (503) 235-8341

Dept. of Environmental Quality
RECEIVED
MAR 23 1992
NORTHWEST REGION

A. SAFETY EQUIPMENT ON JOB SITE:

Fire Extinguisher: Type/Size: Kidde 340 Recharge Date: purchased 7/91

Combustible Gas Detector: Model: Gastex 1314 SMPM Calibration Date: 6-91

Oxygen Analyzer: Model: Gastex 1314 SMPM Calibration Date: 6-91

B. DECOMMISSIONING: All Tanks: (Unk. = Unknown, N/A = Not Applicable)

(Check Appropriate Box)

	Yes	No	Unk	N/A
1. All electrical equipment grounded and explosion proof?	X			
2. Safety equipment on job site?	X			
3. Overhead electrical lines located?	X			
4. Subsurface electrical lines off or disconnected?	X			
5. Natural gas lines off or disconnected?				X
6. No open fires or smoking material in area?	X			
7. Vehicle and pedestrian traffic controlled?	X			
8. Excavation material area cleared?				X
9. Rainwater runoff directed to treatment area?				X
10. Drained and collected product from lines?				X
11. Removed product and residual from tank?	X			
12. Cleaned tank?	X			
13. Excavated to top of tank?	X			
14. Removed tank fixtures? (pumps, leak detection equip.	X			
15. Removed product, fill and vent lines?	X			

C. TANK ABANDONMENT IN-PLACE:

16. Sampling plan approved by DEQ?
Date: _____ DEQ Staff: _____

B. DECOMMISSIONING: All Tanks: (Unk. = Unknown, N/A = Not Applicable)
(Check Appropriate Box)

Yes	No	Unk	N/A

17. Contamination concerns fully resolved?

18. Fill Material? Type: _____

D. TANK REMOVAL:

X			
X			
	X		
X			
X			
X			

19. Tank placement area cleared, chocks placed?

20. Purged or ventilated tank to prevent explosion?
Method used: Dry Ice Meter reading: 4.7

21. No chains or steel cables wrapped around tank for removal?

22. Tank removed, set on ground, blocked to prevent movement?

23. Tank set on truck and secured with strap(s)?

24. Tank labeled before leaving site?

E. SITE ASSESSMENT:

X			
X			
X			
X			
X			
X			

25. Site assessed for contamination? See OAR 340-122-340

26. Soil samples taken and analyzed?

27. Decommissioning/Change-in-Service report sent to DEQ?

28. Was contamination found? Date/Time: 07/19/91 2:00 pm

29. Was contamination reported to DEQ? By: Chad A. Walker
Date/Time: 07/09/91 3:30 DEQ Staff: Andree Pollack

30. Was hazardous waste determination made for tank contents (Liquids/sludges)?

31. Disposal location of tank(s) contents.
Name: Pacific Coast Enviro Date: 08/08/91
Address: 6211 N Ensign
Portland, OR 97217 **Attach disposal receipt.**

32. Disposal or recycling location of removed tank(s) and associated piping.
Name: Mt Hood Metals Date: ~~08~~ 08/28/91
Address: 9645 N Columbia Blvd
Portland, OR 97283 **Attach disposal receipt.**

33. If tank(s) are intended to be reused, identify new tank site.
Name: NA. Date: _____
Address: _____

Purpose of Reuse: _____

CONTAINS HAZARDOUS MATERIALS

THIS MEMORANDUM

PO# 26415

is an acknowledgment that a bill of lading has been issued and is not the Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Shipper's No. 081203

ICC MC 221824

Carrier's No. MFS181

CARRIER: Pacific Coast Environmental SCAC Date 8-8-91

TO: Fuel Processors
Consignee
Street 4150 N. Suttle Rd.
Destination Pltd. Ore. Zip 97217

FROM: O'Sullivan Construction
Shipper
Street 28395 S.W. Boberg Rd
Origin Wilsonville, Or. Zip 97070

Route:

Vehicle Number

CONTAINS HAZARDOUS MATERIALS

No. Shipping Units	HM	Kind of Packages, Description of Articles (IF HAZARDOUS MATERIALS - PROPER SHIPPING NAME)	HAZARD CLASS	I.D. Number	WEIGHT (subject to correction)	RATE	LABELS REQUIRED (or exemption)
1	X	Combustible liquid, N.O.S.	3	1993	300 gal		NA
		(Waste Oil) UN 1993					
		Emergency action code guide 27					

Remit C.O.D. to: NA
Address:
City: State: Zip:

COD Amt: NA $

C.O.D. FEE:
Prepaid ☐
Collect ☐ $

NOTE — Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.
(Signature of Consignor)

FREIGHT CHARGES
☐ PREPAID ☐ COLLECT

RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.
Per Chad Walker

PLACARDS REQUIRED yes

PLACARDS SUPPLIED ☐ YES ☒ NO — FURNISHED BY CARRIER
DRIVER SIGNATURE:

SHIPPER: O'Sullivan Construction
PER: Chad Walker
DATE: 8/8/91

CARRIER: Pacific Coast Environmental
PER: Cheri Reed
DATE: 8-8-91

EMERGENCY RESPONSE TELEPHONE NUMBER: 1-503-283-4747

Monitored at all times the Hazardous Material is in transportation including storage incidental to transportation (172.604).

CONTAINS HAZARDOUS MATERIALS

51745

MT. HOOD METALS, INC.

9645 N. Columbia Blvd. • P.O. BOX 83123
PORTLAND, OR 97283-0123
(503) 283-3300

RECEIVING REPORT

DATE: 8/28/91

RECEIVED FROM: Wm Brown

ADDRESS: _____

DRIVER/PASSENGERS ON 0 (1) 2 3 4

VEHICLE: _____

WEIGHT	DESCRIPTION	PRICE PER TON/LB.	AMOUNT
	08/28/91		
	11:15		
	12:04		
28100 LBS 25330 LBS 2770	Tank	30/MT	$40.80

TOTAL _____

CHECKED BY: (| CK # 29857 | PD CASH (| REC'D BY: _____

51745

MT. HOOD METALS, INC.

9645 N. Columbia Blvd. • P.O. BOX 83123
PORTLAND, OR 97283-0123
(503) 283-3300

RECEIVING REPORT

DATE: 8/28/91

RECEIVED FROM: Wm Brown

ADDRESS:

DRIVER/PASSENGERS ON 0 (1) 2 3 4

VEHICLE:

WEIGHT	DESCRIPTION	PRICE PER TON/LB.	AMOUNT
	08/28/91		
	11:24		
28100 LB 25330 LB 2770	Tanks	30/MT	$40.80/L

TOTAL

CHECKED BY: | CK # 29857 | PD CASH | REC'D BY:

F. WORK PERFORMED BY:

DEQ Service Provider's License #: 810

Name: O'Sullivan Construction

Telephone: (503) 682-0275

DEQ Decommissioning Supervisor's License #: 905

Name: Win Brown

Telephone: (503) 682-0275

E. CHECKLIST FILING:

1. Provide copy of checklist to the UST owner and operator.

2. Send completed checklist to the DEQ headquarters within 30 days after the excavation is backfilled.

NOTE: If contamination was found during decommissioning and reported to DEQ regional office, this report may be submitted with either the first interim cleanup report or the final cleanup report, whichever is first.

Send Completed Form to:

Department of Environmental Quality
UST Program - Decommissioning Checklist
811 S.W. Sixth Ave.
Portland, Oregon 97204

I have personally reviewed this decommissioning checklist and find it to be true and complete.

Signature: Win Brown **Date:** 8-27-91
(Licensed Supervisor)

Signature: [signature] **Date:** 3-20-92
(Owner or Operator)

For information: (503) 229-5559 or Toll Free in Oregon 1-800-452-4011

TELEPHONE USE REPORT

CALL FROM/TO: Alan Campf

COMPANY/TITLE: AJP

PHONE NO.: 235-8341

CITY: _____ COUNTY: _____

26-91-2607

DATE: 3/16/92

TIME: 0915

(Circle for filing)

AQ	Asbestos
WQ	OSS
SW	HW
General	Spill

SUMMARY OF CALL:

Campf was calling re: the NON he received. I explained we had not received a copy of a final report, including a narrative of activities at the site. He said their contractor (O'Sullivan) should have submitted all necessary reports. I suggested he contact them and request the narrative be submitted.

Elizabeth M. Brady
Signature

RB3972 (2/86)

Oregon

DEPARTMENT OF
ENVIRONMENTAL
QUALITY

March 10, 1992

MR. ALLEN CAMPF
AJP
1120 SE MORRISON
PORTLAND OR 97214

RE: AJP
File No. 26-91-267
NWR-UST-92-071
NOTICE OF NONCOMPLIANCE

According to our records, the Department has not yet received any written report concerning the underground storage tank (UST) decommissioning and contaminated soil cleanup conducted at your facility located at 1120 SE Morrison, Portland. The release was originally reported to the Department on July 19, 1991, and you were notified at that time that a cleanup report was due within 45 days from that date. A copy of the UST Cleanup regulations was also provided at that time.

Failure to submit reports within the required time-frame is a violation of the Department's UST Cleanup regulations, specifically:

Oregon Administrative Rules (OAR) 340-122-225(2) and 340-122-230(2) outline the rules for interim reports of cleanup activities associated with releases from underground storage tanks. If cleanup is not yet complete, you are required to submit an interim report in order to keep us informed of your progress at the site. The interim report must briefly summarize the actions taken to-date, site conditions (including presence or absence of groundwater, the concentrations of contamination, etc.), and an outline of your planned actions. Include the date you anticipate completing additional investigation and/or cleanup.

If cleanup has been completed, a final report must be submitted as required by OAR 340-122-360(1). This rule contains specific details on what information is required in the report.

811 SW Sixth Avenue
Portland, OR 97204-13
(503) 229-5696
TDD (503) 229-6993

DEQ-1

In order to correct this violation, you must submit either a final report or an interim report regarding the investigation and cleanup conducted at your facility by no later than **March 27, 1992.** Please reference the file number noted for your facility on all correspondence.

Your cooperation in complying with the reporting requirements is appreciated. However, please be aware that if you fail to submit the required report or if additional violations are documented, the Department will need to determine if more formal enforcement is necessary, which may include civil penalties. If you have any questions, please contact me at (503) 229-5634.

Sincerely,

Elizabeth M. Brady

Elizabeth M. Brady
UST Cleanup Specialist
Northwest Region

HY102605
cc: UST Cleanup Section, ECD - Virginia Esmond
Enforcement Section, RO

26-91-267

Dept. of Environmental Quality
RECEIVED
NOV 18 1991
NORTHWEST REGION

TO: LOREN GARNER

FROM: Alan Campf

COMMENTS: Re following as based on our phone conversation

AC

THIS TRANSMISSION CONSISTS OF COVER SHEET AND 2 PAGES.

DATE: 11-15-91

IF THERE IS ANY PROBLEM WITH THIS TRANSMISSION, PLEASE CALL US AT 503-235-8341.

OUR FAX NUMBER IS: 503-231-3991.

1120 S.E. MORRISON ST., PORTLAND, OR 97214
PHONE (503) 235-8341

Dept. of Environmental Quality
RECEIVED
NOV 18 1991
NORTHWEST REGION

November 15, 1991

Loren Garner;

This is to follow up on our phone conversation of Thursday, November 14, 1991.

I informed you that Haymond and Associates Inc., gave the once contaminated soil, the green light to be removed to a "land fill". See the attached two copies. Once I know where the soil is to be taken I will inform you of the site.

I am therefore, going to have the soil removed from the present location at 1120 S.E. Morrison, Portland, Oregon 97214, without any letter of permission from yourself representing the D.E.Q., because you tell me that the D.E.Q. will not issue a letter of permission, I therefore assume that this is a statement from you, the D.E.Q. will take no action against AJP Northwest for removing the soil.

If any of the above mentioned is incorrect, in any way I will expect to hear from you, on or before Wednesday, November 20, 1991. If I have not heard from you by that date I will in fact remove said clean soil.

Sincerely,

Alan Campf, CEO

cc/

1120 S.E. MORRISON ST., PORTLAND, OR 97214
PHONE (503) 235-8341

CHMD 682-0275

1991

HAYMOND & ASSOCIATES, INC.

ENVIRONMENTAL SCIENTISTS

1128 S.W. 13TH, PORTLAND, OR 97205
(503) 223-2737 FAX: 223-6168

October 16, 1991

O'Sullivan Construction
28395 S.W. Boberg Rd.
Wilsonville, OR 97070

PROJECT NAME/SITE: AJP

PO #: 20392
PROJECT #: 2291-010

(LAB FILE: O'SULL24.DOC)

LAB ID/ FIELD ID:

2452/ SPOILS AJP SOIL

TPH-HCID:	GASOLINE	DIESEL	HEAVY OIL
	Not Detected	Not Detected	Not Detected

Extract surrogate recovery was 149%

TPH-HCID Parameters:
1) If possible, identification is by comparison to reference chromatograms. If identification cannot be made by comparison, then compounds from C_6 to C_{10} are called "Gasoline"; from C_{11} to C_{28} are called "Diesel"; and C_{29} and beyond are called "Heavy Oil".
2) The reporting limit for Gasoline is 20 mg/kg.
3) The reporting limit for Diesel is 50 mg/kg.
4) The reporting limit for Heavy Oil is 50mg/kg.

BTEX (602/8020) Parameters for Water
1) The detection limit for Benzene, Toluene, Ethylbenzene and each Xylene is 3ug/l (ppb).
2) The laboratory blank showed no BTEX.
3) Duplicate analysis agreed to within 15%.

BTEX (602/8020) Parameters for Soil
1) The detection limit for Benzene, Toluene, Ethylbenzene and each xylene is .1 mg/kg
2) The laboratory blank showed no BTEX.
3) Duplicate analysis agreed to within 15%.

TPH-G Parameters:
1) Duplicate analyses agree to within 10%.
2) The reporting limit is 10 mg/kg.
3) Laboratory blank showed no gasoline.

TPH-418.1 Parameters for Soil
1) The detection limit for TPH is 2 mg/kg.
2) The limit of quantitation is 6 mg/kg.
3) The laboratory blank showed no detected TPH.

TPH-418.1 Parameters for Water
1) The detection limit for TPH is .1 mg/l
2) The limit of quantitation is .3 mg/l
3) The laboratory blank showed no detected TPH.

HAYMOND & ASSOCIATES, INC.
ENVIRONMENTAL SCIENTISTS

1128 S.W. 13TH, PORTLAND, OR 97205
(503) 223-2737 FAX: 223-6168

RECEIVED

October 30, 1991

O'Sullivan Construction
28395 S.W. Boberg Rd.
Wilsonville, OR 97070

PROJECT NAME/SITE: AJP

PO #: 20518

PROJECT #: 2291-010

(LAB FILE: O'SUL30.DOC)

LAB ID/ FIELD ID:

2720/ AJP SPOILS 2 SOIL

TPH-G: Hydrocarbons not detected or present below reporting limit.

2721/ AJP SPOILS 3 SOIL

TPH-D: [illegible] not detected or present below reporting limit.

TPH-(G/D) Parameters:
1) If possible, identification is by comparison to reference chromatograms. If identification cannot be made by comparison, then compounds from C_6 to C_{12} are called "Gasoline"; from C_{13} to C_{24} are called "Diesel"; and C_{25} and beyond are called "Heavy Oil".
2) The reporting limit for Gasoline is 10 mg/kg.
3) The reporting limit for Diesel is 50 mg/kg.
4) The reporting limit for Heavy Oil is 50mg/kg.

BTEX (602/8020) Parameters for Water
1) The detection limit for Benzene, Toluene, Ethylbenzene and each Xylene is 3ug/l (ppb).
2) The laboratory blank showed no BTEX.
3) Duplicate analysis agreed to within 15%.

BTEX (602/8020) Parameters for Soil
1) The detection limit for Benzene, Toluene, Ethylbenzene and each Xylene is .1 mg/kg
2) The laboratory blank showed no BTEX.
3) Duplicate analysis agreed to within 15%.

TPH-G Parameters:
1) Duplicate analyses agree to within 10%.
2) The reporting limit is 10 mg/kg.
3) Laboratory blank showed no gasoline.

TPH-418.1 Parameters for Soil
1) The detection limit for TPH is 2 mg/kg.
2) The limit of quantitation is 6 mg/kg.
3) The laboratory blank showed no detected TPH.

TPH-418.1 Parameters for Water
1) The detection limit for TPH is .1 mg/l
2) The limit of quantitation is .3 mg/l
3) The laboratory blank showed no detected TPH.

TPH-D Parameters for Soil
1) Duplicate analyses agree to within 10%.
2) The reporting limit is 20 mg/kg.
3) The laboratory blank showed no diesel.

(P) 26-91-267

Oregon Department of Environmental Quality

UNDERGROUND STORAGE TANK DECOMMISSIONING CHECKLIST

DEQ FACILITY NUMBER: 6680 DATE: 08/27/91

FACILITY NAME: AJP

FACILITY ADDRESS: 1120 SE Morrison St
Portland OR 97214

PHONE: (503) 235-8341

A. SAFETY EQUIPMENT ON JOB SITE:

Fire Extinguisher: Type/Size: Kidde 340 Recharge Date: Purchased 7/91

Combustible Gas Detector: Model: Gastex 1314 SMPM Calibration Date: 6-91

Oxygen Analyzer: Model: Gastex 1314 SMPM Calibration Date: 6-91

B. DECOMMISSIONING: All Tanks: (Unk. = Unknown, N/A = Not Applicable) (Check Appropriate Box)

	Yes	No	Unk	N/A
1. All electrical equipment grounded and explosion proof?	X			
2. Safety equipment on job site?	X			
3. Overhead electrical lines located?	X			
4. Subsurface electrical lines off or disconnected?	X			
5. Natural gas lines off or disconnected?				X
6. No open fires or smoking material in area?	X			
7. Vehicle and pedestrian traffic controlled?	X			
8. Excavation material area cleared?				X
9. Rainwater runoff directed to treatment area?				X
10. Drained and collected product from lines?				X
11. Removed product and residual from tank?	X			
12. Cleaned tank?	X			
13. Excavated to top of tank?	X			
14. Removed tank fixtures? (pumps, leak detection equip.	X			
15. Removed product, fill and vent lines?	X			

Environmental Quality
RECEIVED
SEP 10 1991
NORTHWEST REGION

Department of Environmental Quality
RECEIVED
SEP 5 1991
UST Compliance Section

C. TANK ABANDONMENT IN-PLACE:

16. Sampling plan approved by DEQ?
Date: _____ DEQ Staff: _____

B. DECOMMISSIONING: All Tanks: (Unk. = Unknown, N/A = Not Applicable) (Check Appropriate Box)

	Yes	No	Unk	N/A
17. Contamination concerns fully resolved?				
18. Fill Material? Type: _____				

D. TANK REMOVAL:

19. Tank placement area cleared, chocks placed?	X			
20. Purged or ventilated tank to prevent explosion? Method used: Dry Ice Meter reading: 4.7	X			
21. No chains or steel cables wrapped around tank for removal?		X		
22. Tank removed, set on ground, blocked to prevent movement?	X			
23. Tank set on truck and secured with strap(s)?	X			
24. Tank labeled before leaving site?	X			

E. SITE ASSESSMENT:

25. Site assessed for contamination? See OAR 340-122-340	X			
26. Soil samples taken and analyzed?	X			
27. Decommissioning/Change-in-Service report sent to DEQ?	X			
28. Was contamination found? Date/Time: 07/19/91 2:00 pm	X			
29. Was contamination reported to DEQ? By: Chad A. Walker Date/Time: 07/09/91 3:30 DEQ Staff: Andree Pollack	X			
30. Was hazardous waste determination made for tank contents (Liquids/sludges)?	X			

31. Disposal location of tank(s) contents.

Name: Pacific Coast Enviro Date: 08/08/91

Address: 6211 N Ensign

Portland, OR 97217 **Attach disposal receipt.**

32. Disposal or recycling location of removed tank(s) and associated piping.

Name: Mt Hood Metals Date: 08/28/91

Address: 9645 N Columbia Blvd

Portland, OR 97283 **Attach disposal receipt.**

33. If tank(s) are intended to be reused, identify new tank site.

Name: NA. Date: _____

Address: _____

Purpose of Reuse: _____

CONTAINS HAZARDOUS MATERIALS

THIS MEMORANDUM

PO# 26415

is an acknowledgment that a bill of lading has been issued and is not the Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Shipper's No. 081203

ICC MC 221824

Carrier's No. MES181

CARRIER: Pacific Coast Environmental SCAC Date 8-8-91

TO: Fuel Processors
Consignee
Street 4150 N. Suttle Rd.
Destination Pltd. Ore. Zip 97217

FROM: O'Sullivan Construction
Shipper
Street 28395 S.W. Boberg Rd
Origin W. Linn ville, or. Zip 97070

Route:

Vehicle Number

No. Shipping Units	HM	Kind of Packages, Description of Articles (IF HAZARDOUS MATERIALS - PROPER SHIPPING NAME)	HAZARD CLASS	I.D. Number	WEIGHT (subject to correction)	RATE	LABELS REQUIRED (or exemption)
1	X	Combustible liquid, N.O.S.	3	1993	300 gal		NA
		(Waste Oil) UN 1993					
		Emergency action see guide 27					

Remit C.O.D. to: NA
Address:
City: State: Zip:

COD Amt: NA $

C.O.D. FEE:
Prepaid ☐
Collect ☐ $

NOTE — Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.
(Signature of Consignor)

FREIGHT CHARGES
☐ PREPAID ☐ COLLECT

RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.
Per

PLACARDS REQUIRED yes

PLACARDS SUPPLIED ☐ YES ☒ NO — FURNISHED BY CARRIER
DRIVER SIGNATURE:

SHIPPER: O'Sullivan Construction
PER: Chad Walker
DATE: 8/8/91

CARRIER: Pacific Coast Environmental
PER: Cheri Beck
DATE: 8-8-91

EMERGENCY RESPONSE TELEPHONE NUMBER: (503) 282-6747

Monitored at all times the Hazardous Material is in transportation including storage incidental to transportation (172.604).

CONTAINS HAZARDOUS MATERIALS

CONTAINS HAZARDOUS MATERIALS

51745

MT. HOOD METALS, INC.

9645 N. Columbia Blvd. • P.O. BOX 83123
PORTLAND, OR 97283-0123
(503) 283-3300

RECEIVING REPORT

DATE: 8/28/91

RECEIVED FROM: Wm Brown

ADDRESS:

DRIVER/PASSENGERS ON 0 (1) 2 3 4

VEHICLE:

WEIGHT	DESCRIPTION	PRICE PER TON/LB.	AMOUNT
	08/28/91		
	11:14		
28100 LB 25330 LB 2770	Tanks	30/MT	$40.80/L

TOTAL

CHECKED BY: | CK # 29857 | PD CASH | REC'D BY:

F. WORK PERFORMED BY:

DEQ Service Provider's License #: 810

Name: O'Sullivan Construction

Telephone: (503) 682-0275

DEQ Decommissioning Supervisor's License #: 905

Name: Win Brown

Telephone: (503) 682-0275

E. CHECKLIST FILING:

1. Provide copy of checklist to the UST owner and operator.

2. Send completed checklist to the DEQ headquarters within 30 days after the excavation is backfilled.

NOTE: If contamination was found during decommissioning and reported to DEQ regional office, this report may be submitted with either the first interim cleanup report or the final cleanup report, whichever is first.

Send Completed Form to:

Department of Environmental Quality
UST Program - Decommissioning Checklist
811 S.W. Sixth Ave.
Portland, Oregon 97204

I have personally reviewed this decommissioning checklist and find it to be true and complete.

Signature: Win Brown **Date:** 8-27-91
(Licensed Supervisor)

Signature: _____ **Date:** _____
(Owner or Operator)

For information: (503) 229-5559 or Toll Free in Oregon 1-800-452-4011

Oregon Department of Environmental Quality

UNDERGROUND STORAGE TANK DECOMMISSIONING/SERVICE CHANGE REPORT

DEQ FACILITY NUMBER: 6680 DATE: 08/21/91

FACILITY NAME: AJP

FACILITY ADDRESS: 1120 SE Morrison St
Portland, OR 97214

PHONE: (503) 235-8341

The following information MUST be submitted by the underground storage tank owner, operator or licensed DEQ Supervisor within 30 days following completion of the tank decommissioning or changing tank contents to a non-regulated substance. (OAR 340-150-001 though -150)

The attached supplemental checklist should be prepared by the person performing the decommissioning. The checklist should be provided to DEQ and the tank owner to demonstrate that all required practices were followed.

Ordinarily the checklist is filled out by the DEQ licensed Service Provider or Supervisor. Owners who wish to personally decommission a tank must follow all DEQ and other applicable standards. The owner should contact the DEQ Regional Office prior to starting the decommissioning to receive current copies of underground storage tank regulations.

A. DATES:

Decommissioning/Service Change Notice - Date Submitted: 05/15/91 (30 days before work starts)

Work Start Telephone Notice - Date Submitted: 07/16/91 (3 working days before work starts)

DEQ Person Notified: Catherine Blaine

Date Work Started: 07/19/91

Date Work Completed: 07/25/91

Note: Provide the following information if any soil or water contamination is found during the decommissioning. Contamination must be reported by the UST owner or operator within 24 hours. The licensed service provider must report contamination within 72 hours after discovery unless previously reported.

Date Contamination Reported: 07/19/91 By: Chad A. Walker

DEQ Person Notified: Andree Pollack

Backfill Telephone Notice - Date Called: 07/19/91 (before backfilling)

DEQ Person Notified: Andree Pollack

Department of Environmental Quality
RECEIVED
SEP 5 1991
UST Compliance Section

B. PERMITS:

Note: DEQ permits or an addendum to the UST permit(s) may be needed where soil or water cleanup is required.

B. PERMITS (Continued)

UST Soil Treatment Permit Addendum - Type: On-Site Date: 08/12/91

Soil Disposal or Treatment Location: AJP 1120 SE Morrison Portland OR 97214

C. TANK INFORMATION:

Tank #	DEQ UST Permit	Tank Size in (Gallons)	Product: Gasoline, Diesel, Used Oil, Other?		Closure or Service Change?			Tank to be Replaced?	
			Present	New	Tank Removal	Closure∞ Inplace	New ∞ Product	Yes*	No
1	NA	1000	Gasoline		✓				✓
2	NA	1000	Gasoline		✓				✓

* Where decommissioned tank(s) are replaced by new underground storage tanks the UST owner or operator must submit a new permit application containing information on the new tanks 30 days before placing them in service.

∞ Submit a soil sampling plan to the DEQ regional office and receive plan approval prior to starting work if 1) tank is to be decommissioned in-place, 2) tank contents are changed to a non-regulated substance, or 3) tank contains a regulated substance other than petroleum.

D. DISPOSAL INFORMATION:

Tank #	Tank & Piping Disposal Method				Disposal Location of Tank Contents *	
	Scrap	Land-fill	Other	Identify Location & Property Owner	Liquids	Sludges
1	✓			MT Hood Metals	Pacific Coast	
2	✓			MT Hood Metals	Pacific Coast	

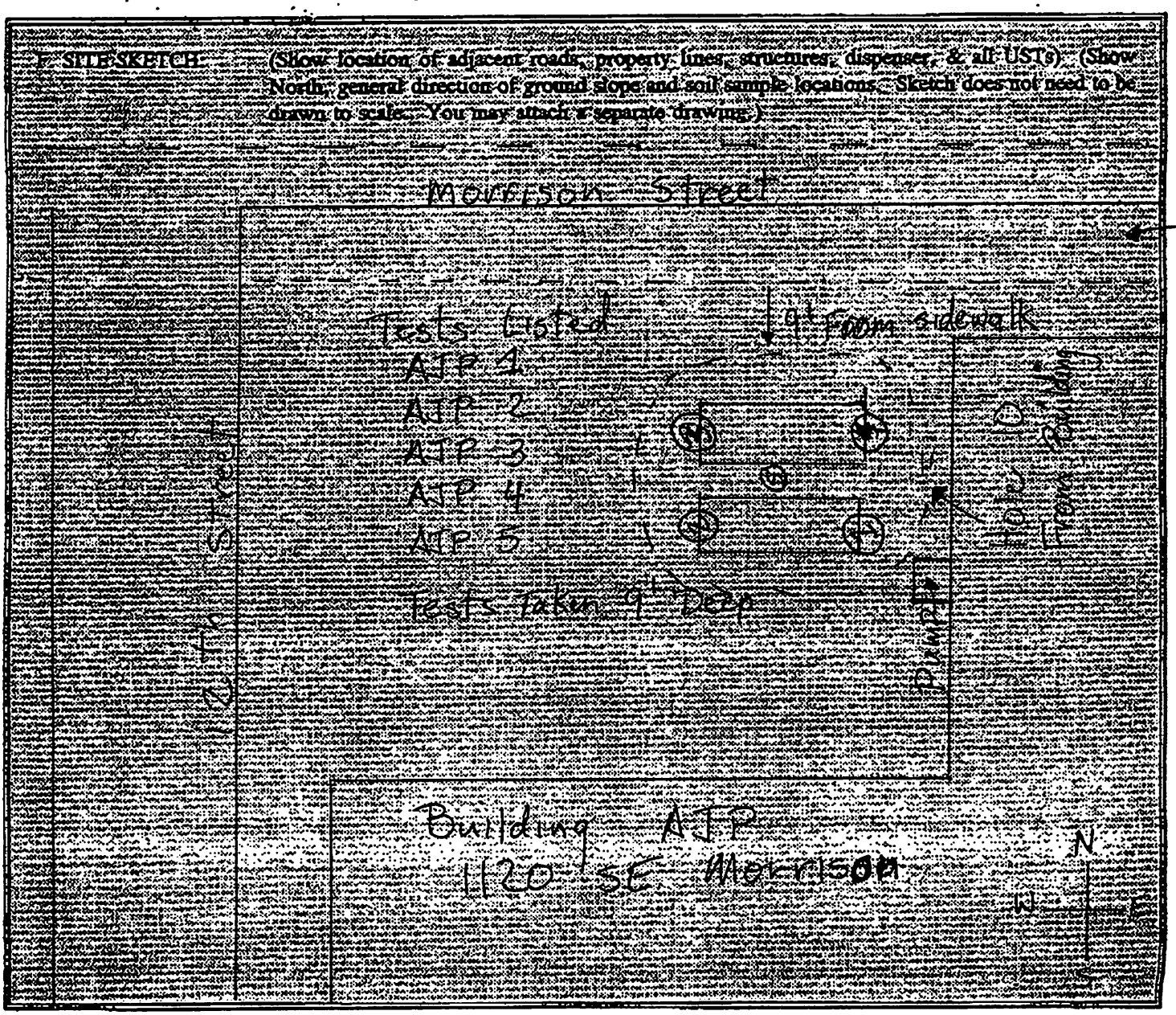
* Note: The tank contents, the tank and the piping may be subject to the requirements of Hazardous Waste regulations. If you have questions, contact the DEQ Hazardous Waste Section at (503) 229-5913 or DEQ regional office hazardous waste staff.

E. CONTAMINATION INFORMATION:

Tank #	Ground* water in pit?	Product odor in soil?	Product stains in soil?	Number of Samples	Laboratory (Name, City, State, Phone)
1	No	Yes	Yes	2	Haymond + Assoc. Portland, OR 223-2737
2	No	Yes	Yes	2	Haymond + Assoc. Portland OR 223-2737

* Note: Sampling is required if groundwater is encountered. See cleanup rules.

F. SITE SKETCH: (Show location of adjacent roads, property lines, structures, dispenser, & all UST(s). (Show North, general direction of ground slope and soil sample locations. Sketch does not need to be drawn to scale. You may attach a separate drawing.)



G. WORK PERFORMED BY:

DEQ Service Provider's License #: 810 Construction Contractors License #: 64201

Name: O'Sullivan Construction

Telephone: (503) 682-0275

DEQ Decommissioning Supervisor's License #: 905

Name: Wm Brown

Telephone: (503) 682-0275

DEQ Soil Matrix Service Provider's License #: 1768 (If applicable)

Name: O'Sullivan Construction

Telephone: (503) 682-0275

DEQ Soil Matrix Supervisor's License #: 1807 (If applicable)

Name: Wm Brown

Telephone: (503) 682-0275

H. ATTACHMENTS TO THIS REPORT:

1. Attach a copy of the laboratory report showing the results of all tests on all soil and water samples. The laboratory report must identify sample collection methods, sample location, sample depth, sample type (soil or water), type of sample container, sample temperature during transportation, types of tests, and copies of analytical laboratory reports, including QA/QL information. Include laboratory name, address and copies of chain-of-custody forms.

2. If contamination is detected and a Level 2 or Level 3 soil matrix cleanup standard is selected attach a copy of the soil matrix analysis for the site including methods of determining soil type, depth to groundwater, and sensitivity of uppermost aquifer.

I. REPORT FILING:

This report, signed by the tank owner or operator, complete with all applicable attachments must be filed with DEQ headquarters within 30 days after the excavation is backfilled or change-in-service is complete. Contact the DEQ regional office prior to filing this report where special circumstances exist at the site (such as water in pit, remaining pockets or contamination, etc.).

NOTE: If contamination was found during site assessment at decommissioning or change-in-service and reported to DEQ regional office, this report may be submitted with either the first interim cleanup report or the final cleanup report, whichever is first.

Return Completed Form to:

Department of Environmental Quality
UST Program - Decommissioning Report
811 S.W. Sixth Ave.
Portlane, Oregon 97204

I have personally reviewed this report and the attachments and find them to be true and complete.

Signature: _____ Date: _____
(Owner or Operator)

For information: (503) 229-5733 or Toll Free in Oregon 1-800-452-4011

Dept. of Environmental Quality
RECEIVED
AUG 14 1991
NORTHWEST REGION

OREGON DEPARTMENT OF ENVIRONMENTAL QUALITY
UNDERGROUND STORAGE TANK PROGRAM

PERMIT ADDENDUM FOR PETROLEUM CONTAMINATED SOILS MANAGEMENT

ON-SITE AT FACILITY ADDRESS LISTED BELOW

file

1. PLEASE FILL OUT ALL PAGES TO THE BEST OF YOUR ABILITY AND SEND TO THE APPROPRIATE REGIONAL OFFICE. (See back for mailing addresses and phone numbers)
2. PLEASE PRINT CLEARLY AND PROVIDE ALL THE NECESSARY SIGNATURES
3. PLEASE CONTACT THE REGIONAL OFFICE FOR ASSISTANCE.

26-91-267

DEQ UST FACILITY: (LOCATION OF TANK DECOMMISSIONING AND SOURCE OF SOILS.)

DEQ FACILITY NUMBER 6680

NAME AJP

ADDRESS 1120 SE Morrison St.

CITY Portland, OR ZIP 97214

TANK OWNER

NAME AJP

ADDRESS 1120 SE Morrison St.

ADDRESS Portland, Oregon 97214

PHONE 235-8341

SIGNATURE Allan Campf

PROPERTY OWNER

NAME Sylvan Campf

ADDRESS 7542 SW Clear Hills Terrace

ADDRESS Portland, Oregon

PHONE 246-4545

SIGNATURE Sylvan Campf

PERMITTEE

NAME AJP

ADDRESS 1120 SE Morrison St.

ADDRESS Portland, Oregon 97214

PHONE 235-8341

SIGNATURE Allan Campf

Dept. of Environmental Quality
RECEIVED
AUG 14 1991
NORTHWEST REGION

REGIONAL UST AND UST CLEANUP STAFF

NORTHWEST REGION
Portland 229-5263

Loren Garner	UST Cleanup Engineer
Andree Pollock	UST Cleanup Engineer

CENTRAL REGION
Bend 388-6146

Cliff Walkey	UST Compliance Specialist
George Holroyd	UST Cleanup Engineer

WILLAMETTE VALLEY REGION
Salem 378-8240

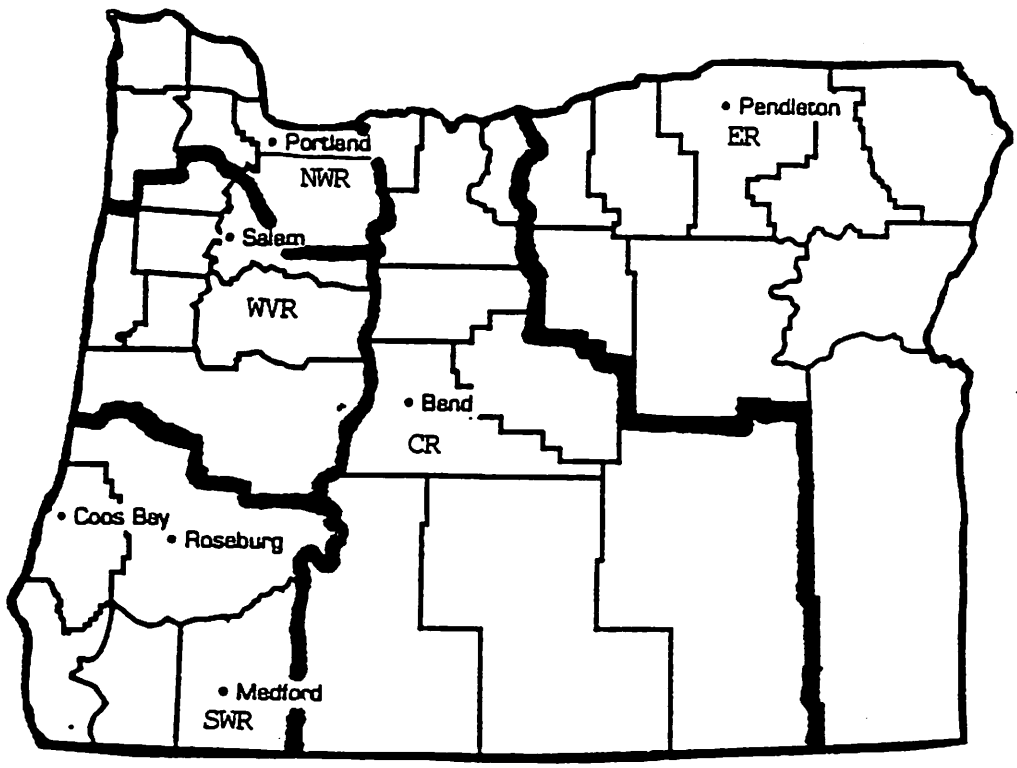
Larry Jack	UST Cleanup Engineer

EASTERN REGION
Pendleton 278-4030

Mary McGowan	UST Complaince Specialist
Bill Hampton	UST Cleanup Engineer

SOUTHWEST REGION
Medford 776-6010

John Becker	UST Compliance Specialist
Byron Peterson	UST Cleanup Engineer



UNDERGROUND STORAGE TANK
PERMIT ADDENDUM

UST FACILITY NAME: _____ UST FACILITY ID: _____
UST FACILITY ADDRESS: _____
_____ PAGE 2 OF 4
UST PERMIT NUMBERS: _____
(THIS BOX FOR DEQ USE ONLY)
UST PERMIT AMENDMENT EXPIRATION DATE: _____

MANAGEMENT OF PETROLEUM-CONTAMINATED SOILS

ON-SITE AT FACILITY ADDRESS LISTED ABOVE

PERMIT ADDENDUM APPLICATION DATE: 7-25-91

ESTIMATED VOLUME OF PETROLEUM-CONTAMINATED:
SOIL IN TONS OR CUBIC YARDS 100

TYPE OF PETROLEUM CONTAMINATION *CHECK ALL APPLICABLE*

X GASOLINE ___ DIESEL
___ WASTE OIL ___ HEATING OIL
___ OTHER PETROLEUM (SPECIFY) _____

APPROXIMATE SIZE OF PROPERTY:
ACRES _____, OR SQUARE FEET 300 x 300, OR DIMENSIONS _____

Mell T Mc
(SIGNATURE OF UST SERVICE PROVIDER)

UST SERVICE PROVIDER LICENSE NUMBER: 810 1768

UST OWNER OR PERMITTEE SHALL
RETAIN A COPY OF THIS RECORD FOR AT LEAST THREE YEARS

UNDERGROUND STORAGE TANK
PERMIT ADDENDUM

UST FACILITY NAME: _____ UST FACILITY ID: _____
UST FACILITY ADDRESS: _____
_____ PAGE 3 OF 4
UST PERMIT NUMBERS: _____
(THIS BOX FOR DEQ USE ONLY)
UST PERMIT AMENDMENT EXPIRATION DATE: _____

MANAGEMENT OF PETROLEUM-CONTAMINATED SOILS
ON-SITE AT FACILITY ADDRESS LISTED ABOVE

SPECIAL PERMIT CONDITIONS:

1. ON-SITE TREATMENT PERFORMANCE STANDARDS:
   A. NO OBJECTIONABLE ODORS SHALL BE CREATED
   B. NO FIRE HAZARD SHALL BE CREATED
   C. SURFACE WATER RUNOFF OR RUN-ON SHALL BE CONTROLLED WITHIN THE TREATMENT AREA
   D. GROUNDWATER AND SURFACES WATER SHALL BE PROTECTED
   E. NON-CONTAMINATED SOILS SHALL BE PROTECTED
   F. APPROPRIATE SITE SECURITY TO PREVENT UNAUTHORIZED ENTRY SHALL BE PROVIDED

2. DESCRIBE ON-SITE TREATMENT PROGRAM IN A WRITTEN, SUBMITTED REPORT WITHIN 30 DAYS OF STARTING CONSTRUCTION AND OPERATION OF ON-SITE TREATMENT PROGRAM. INCLUDE INITIAL PETROLEUM CONTAMINATIONS LEVELS USING SAMPLING PROCEDURES LISTED IN OAR 340-122-305 TO 340-122-315.

3. DEQ MAY REQUIRE WRITTEN PROGRESS REPORTS DOCUMENTING THE REDUCTION IN PETROLEUM CONTAMINATION. THE UST OWNER OR PERMITTEE SHALL PROVIDE A WRITTEN PROGRESS REPORT WITHIN 20 DAYS AFTER A DEQ REQUEST.

4. SUBMIT FINAL WRITTEN REPORT DOCUMENTING FINAL PETROLEUM CONTAMINATION LEVELS AND DISPOSITION OF TREATED SOILS.

5. NO OFF-SITE TREATMENT OR DISPOSAL OF PETROLEUM-CONTAMINATED SOILS IS AUTHORIZED BY THIS PERMIT ADDENDUM.

6. THIS PERMIT ADDENDUM DOES NOT AUTHORIZE THE VIOLATION OF ANY OTHER APPLICABLE STATE, FEDERAL OR LOCAL RULE.

7. DEQ SHALL BE NOTIFIED IF TREATMENT PROGRAM DEVIATES FROM PLAN.

UST OWNER OR PERMITTEE SHALL
RETAIN A COPY OF THIS RECORD FOR AT LEAST THREE YEARS

UNDERGROUND STORAGE TANK
PERMIT ADDENDUM

UST FACILITY NAME: _____ UST FACILITY ID: _____
UST FACILITY ADDRESS: _____
_____ PAGE 4 OF 4
UST PERMIT NUMBERS: _____
(THIS BOX FOR DEQ USE ONLY)
UST PERMIT AMENDMENT EXPIRATION DATE: _____

MANAGEMENT OF PETROLEUM-CONTAMINATED SOILS

ON-SITE AT FACILITY ADDRESS LISTED ABOVE

SPECIAL PERMIT CONDITIONS (CONTINUED):

8. IF ACTUAL VOLUME OF PETROLEUM-CONTAMINATED SOILS EXCEEDS ESTIMATED VOLUME BY 25 PERCENT, DEQ SHALL BE NOTIFIED IN WRITING OF ACTUAL VOLUME DISPOSED OF WITHIN 30 CALENDAR DAYS.

9. BY THEIR SIGNATURES, THE PROPERTY OWNER, TANK OWNER AND PERMITTEE LISTED ON PAGE 1 OF 4 OF THIS PERMIT APPLICATION/ADDENDUM CERTIFY THEY HAVE READ AND UNDERSTAND THE SPECIAL CONDITIONS LISTED IN THIS ADDENDUM.

10. OTHER SPECIAL CONDITIONS: _____

_____

_____

_____

_____

_____

UST OWNER OR PERMITTEE SHALL
RETAIN A COPY OF THIS RECORD FOR AT LEAST THREE YEARS

Oregon

DEPARTMENT OF
ENVIRONMENTAL
QUALITY

August 7, 1991

CHAD WALKER
OSULLIVAN CONSTRUCTION
28395 SW BOBERG ROAD
WILSONVILLE OREGON 97070

RE: AJP
UST Log Number: 26-91-267
Facility ID No: 6680

Dear Mr. Walker:

This letter is to confirm the verbal authorization given on July 19, 1991, to backfill or close the excavation located at the facility referenced above, pursuant to OAR 340-162-020(7) or OAR 340-163-020(6). Following completion, a copy of your signed checklist, as required by OAR 340-162-020(5) or OAR 340-163-020(4) and a copy of your final report, as required by OAR 340-122-350 must be submitted to the Department.

This authorization merely signifies that the Department was notified of a proposed excavation closure and was unable to schedule a field inspection at that time.

Authorization to close is not a Department determination that the soil cleanup has been completed in compliance with the requirements of OAR 340, Division 122. Upon a review of the checklist and final report referenced above, the Department will make a final determination on compliance with numeric cleanup standards.

Sincerely,

Andree Pollock

Andree Pollock
UST Cleanup Specialist
Northwest Region

cc: UST Compliance Section, HSW
UST Cleanup Section, ECD

811 SW Sixth Avenue
Portland, OR 97204-1390
(503) 229-5696

O'Sullivan
CONSTRUCTION INC.

3214 16th Avenue S.W.
Seattle, Washington 98134
(206) 682-2440

28395 S.W. Boberg Road
Wilsonville, Oregon 97070
(503) 682-0275

file

July 29, 1991

Dept of Environmental Quality
RECEIVED
AUG 2 1991
NORTHWEST REGION

Mr. Andre Pollock
Oregon D.E.Q.
811 S.W. 6th Avenue
Portland, Oregon 97204

26-91-267

RE: Tank Removal - AJP
Facility #6680

Dear Mr. Pollock:

This letter serves as an initial notice on the AJP tank removal project. Through our phone conversation on 7-19-91, you were aware that soil contamination was found while removing the two existing 1,000 gallon gas tanks, and that we planned to overexcavate the area, take soil samples, remediate the soil on site and backfill the tank excavation. In that conversation you stated that this was the appropriate action to take. Enclosed you will find a sketch showing all soil sample locations and results.

We have excavated approximately 100 cubic yards of contaminated material from the tank location. These spoils are still on site, covered with visqueen. Soils tests have indicated to us that the excavation is clean. We have backfilled this area. The contaminated material remediation will take place on site.

If you have any questions or comments, please feel free to contact me. Thank you for your prompt attention in this matter.

Very truly yours,

O'SULLIVAN CONSTRUCTION, INC.

Chad A. Walker

Chad A. Walker
Estimator/Project Manager

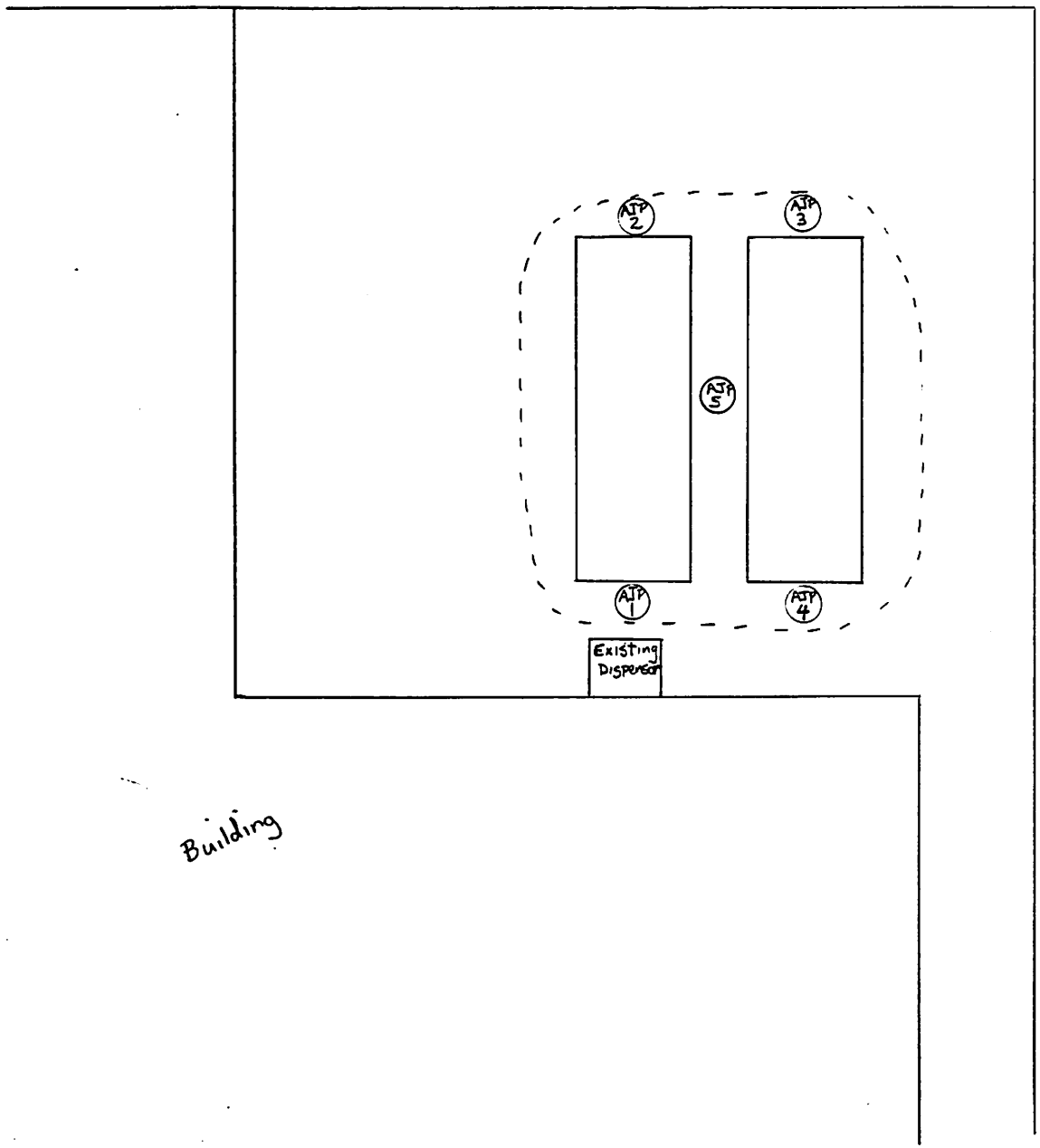
CAW/plg

enclosures

cc: Alan Campf, AJP

AJP SOIL SAMPLE PLAN

SCALE 1/4" = 1'-0"



RESULTS

DATE	SAMPLE #	DEPTH	TPH - MCID mg/kg
07/19	AJP1	9'	ND
	AJP2	9'	ND
	AJP3	9'	ND
	AJP4	9'	ND
	AJP5	8'	418

SS 09-03-91

Oregon

DEPARTMENT OF
ENVIRONMENTAL
QUALITY

July 30, 1991

ALLEN CAMPF
AJP
1120 SE MORRISON
PORTLAND OREGON 97214

RE: UST - Multnomah County
Site Name: AJP
File No. 26-91-267

Dear Mr. Campf:

As required by Oregon Administrative Rules (OAR), on July 19, 1991, a release was reported from an underground storage tank (UST) system at your facility located at 1120 SE Morrison in Portland, Oregon. As the owner of the facility, you are required to clean up the release according to OAR 340-122-201 through 340-122-360, "Cleanup Rules for Leaking Petroleum UST Systems and Numeric Soil Cleanup Levels for Motor Fuel and Heating Oil". A copy of these rules is enclosed.

The following is an outline of the reporting process required by the Northwest Region, Department of Environmental Quality:

1. If the cleanup is to be completed within 45 days of identifying the release, a single, final report can be submitted within 30 days of cleanup completion. This will satisfy the documentation requirements, provided you meet the provisions of OAR 340-122-360.

2. If cleanup cannot be completed within 45 days, submittal of an initial status report is required within 45 days of reporting the release. The report must summarize the findings to-date, outline your planned actions, and include anticipated dates of completion for each action. Additional interim reports may also be required depending on individual circumstances. A final report will be required within 30 days of completion of the project.

Please read the enclosed rules carefully. Note that one of the first things you must do is determine the scope of the problem in order to select the best method of remediation. The enclosed information will give you the guidance necessary to meet the specific documentation requirements for your site. As the owner, you should be aware of the regulations, even if you have hired a qualified consultant to do the actual work.

811 SW Sixth Avenue
Portland, OR 97204-1390
(503) 229-5696

Please keep the Department up-to-date on activities at the site. This will help to expedite cleanup and closure of the site. **File No. 26-91-267** has been assigned to this project. Please reference this number in all future correspondence.

Removing contaminated soils to the matrix cleanup levels is only one of many options that you may wish to consider for your site. You may find the services of a qualified consultant helpful in evaluating different cleanup options. Cleanup options other than removal to matrix standards require that a Corrective Action Plan (CAP) be submitted to the Department for approval. If a CAP is appropriate for your site, additional information about this process may be obtained from the region.

The Department is required to recover costs from the responsible party for oversight of CAP cleanups. You will be notified if the Department determines that cost recovery will be implemented for your site. For general information about the cost recovery process, please contact Mr. Rick Silverman at (503) 229-6384.

Thank you for your cooperation and continued efforts to comply with the regulations. If you have any questions, please contact the Northwest Region at (503) 229-6385.

Sincerely,

UST CLEANUP SECTION
Northwest Region

enclosure

cc: UST Cleanup Section, ECD

EXCAVATION CLOSURE NOTICE

Date/Time Received: 7-19-91 Received by: AVP

Facility Name: AJP

Facility Address: 1120 SE Morrison

Is site undergoing a soil matrix cleanup? (Y) N **UNK at this time**

- If yes, date reported to DEQ: 7-19-91; complete form.
- If cleanup status unknown or confirmed but not yet reported; complete form.
- If no contamination detected, not required to receive approval to backfill; fill out form to dotted line and question #2 on back as informational survey.

UST Cleanup Log Number: 26-91-267 UST Facility ID Number: 6680

30 day Decommissioning Notice received? **Y N NA**
72 hour Decommissioning Notice received? **Y N NA**

Matrix/Heating Oil Service Provider Information

Company Name: O'Sullivan Const.

Company Address: 28325 SW Boberg Rd, Wilsonville, OR 97070

Reported by: Chad Walker Phone Number: 682-0275

License Number(s): _____ / _____
(Company) (Supervisor)

DATE/TIME EXCAVATION SCHEDULED TO BE CLOSED: 7-20-9

(check one of the following)

X **Verbal approval to close/no inspection** (See checklist on back)

Approved by: Andrea Pollock Date/Time: 7-19-91 3:25

Service Provider notified: Chad Walker
(name/phone number)

____ Approval letter sent (attached)

____ **Inspection required**

Inspected by: _____ Date/Time: .2 CB .2 AVP .4 Total Time

Site Contact: _____

Inspection notes (attach additional information if necessary):

cc: ✓ UST Compliance Section **Total Staff Time** = _____

EXCAVATION CLOSURE APPROVAL CHECKLIST

1. Y (N) Has cleanup been conducted to Matrix standards?
   will be by tomorrow
2. Y (N) Samples results available?
   If yes, final results:

3. Y N Visible soil contamination or odor remaining in excavation? If yes,
   Y N (?) Is a pocket of contamination proposed to be left in place?
4. Y (N) Groundwater in excavation? If yes,
   Y N Water initially in pit, but did not recharge after 24 hours.
   Y N Groundwater has been or will be removed from excavation prior to backfilling.

   Remind service provider that if groundwater encountered, site is subject to CAP requirements. Water must be purged and sampled at recharge.
5. Y (N) Waste oil tank?
   If yes, remind service provider to test for PCBs, solvents, and TCLP metals (have samples just in case).
6. Y (N) Diesel TPH greater than gasoline standard?
   If yes, remind service provider to do HCID (have samples just in case).
7. Y (N) Anything unusual happen/discovered during tank removal or cleanup process?
   If yes, describe briefly:

STAFF NOTES:

26-91-267
Paid in Full -88,89,90,91

TOTALLY DECOMMISSIONED

MUST BE SUBMITTED 30 DAYS IN ADVANCE OF DECOMMISSIONING *

NOTICE OF UNDERGROUND STORAGE TANK PERMANENT DECOMMISSIONING

PIF

Facility

Name Bernstein Bros Inc
Address 1120 SE Morrison ST
Portland OR 97214

Phone 235-8341
Facility ID Number 4660

Tank Owner

Name Bernstein Bros Inc
Address 1120 SE Morrison ST
Portland OR 97214

Phone 235-8341

Permanent Decommissioning Performed By:

Company O'Sullivan Construction Phone (503) 682-0275
Scheduled Date for Permanent Decommissioning July 15/91 7/11/91
Method to be used: Removal ✓ In-Place ____ Fill Material ____

Tanks to be Decommissioned

Tank ID#	PERMIT #	Tank Size	Last Product Stored
2			
3			

Are the decommissioned tanks to be replaced by new underground storage tanks? Yes ☐ No ☑
If yes, please submit a new permit application containing information on the new tanks.

Where and how will the old tanks be disposed? 9645 N Columbia Blvd

Scrap Name Mt Hood Metals Location Portland OR
Landfill Name 283-2800 Location ____
Stored Name ____ Location ____
Other Comment ____

Signature Chad A. Walker Date 05/07/91

Return Completed Form To:

Department of Environmental Quality
UST Program - Decommissioning Notice
811 SW Sixth Ave.
Portland, Oregon 97204

For Information: (503) 229-5559 or Toll Free in Oregon 1-800-452-4011

Rec'd 5/14/91

UST PULL LOG

Date: 7/16/91 Time: 8:30 Expected Pull Date: 7-19-91

Person/Company Pulling tank: O'Sullivan Const. - Chad Walker

Phone: 682-0275

Business Name/Owner: AJP - Bernstein Brothers, Inc Phone:

Address of Tank Site: 1120 SE Morrison - Portland

97214

Facility I.D. #: 6680

Tank I.D. No.	No. of Tanks	Size of Tanks	Contents of Tanks
		4,000	gasoline
		1,000	gasoline

no 30

< MORE ON BACK >

UPDATES: 10-2-96

PETROLEUM RELEASE F[illegible]M

Please Check All That Apply

INCIDENT INFORMATION

LOG NBR: 26-91-0267 RECEIVED BY: AVP

UST FAC NBR: _____ DATE REPORTED: 7 / 19 / 91

SITE NAME: AJP

SITE ADDRESS: 1120 S.E. MORRISON

SITE CITY: PDX ZIP: 97214

SITE COUNTY: MULT PHONE: _____

PROJECT MANAGER: _____

- [X] REGULATED UST
- [ ] NON-REGULATED UST
- [ ] HEATING OIL TANK

FUNDING

- [X] LUST
- [ ] OHC
- [ ] HSRAF
- [ ] FINANCIAL ASST
- [ ] INVOICE START
- [X] INVOICE STOP
- [X] NFA SENT

MAIL CONTACTS

REPORTED BY

NAME: CHAD WALKER

COMPANY: O'SULLIVAN CONST.

ADDRESS: 28395 SW BOBERG RD

CITY: WILSONVILLE ZIP: 97070

STATE: OR PHONE: 682-0275

RESPONSIBLE PARTY

NAME: ALAN CAMPF

COMPANY: AJP

ADDRESS: 1120 S.E. MORRISON

CITY: PDX ZIP: 97214

STATE: OR PHONE: 235-8341

INVOICE CONTACT

NAME: _____

COMPANY: _____

ADDRESS: _____

CITY: _____ ZIP: _____

STATE: _____ PHONE: _____

OTHER CONTACT(S)

NAME: _____

COMPANY: _____

ADDRESS: _____

CITY: _____ ZIP: _____

STATE: _____ PHONE: _____

SITE ASSESSMENT

DATE DISCOVERED: 7 / 19 / 91

- [ ] EMERGENCY RESP.
- [ ] ENFORCEMENT
- [ ] FUTHER CLEANUP REQ.
- [ ] NO FURTHER CLEANUP REQ.
- [ ] OFFSITE MIGRATION

_____ L.I.P.S. SCORE (Region)

CONFIRMATION:

- [ ] SI) STAFF
- [ ] LD) LAB: DEQ
- [ ] LR) LAB: RP
- [ ] LO) LAB: OTHER
- [X] RR) RP REPORT
- [ ] CN) CONTRACTOR
- [ ] OT) OTHER

DISCOVERY:

- [ ] RM) ROUTINE MONITORING
- [X] DC) DECOMMISSIONING
- [ ] CP) COMPLAINT
- [ ] IC) INVENTORY CONTROL
- [ ] SA) SITE ASSESSMENT
- [ ] TT) TANK TEST
- [ ] OT) OTHER

CAUSE:

- [ ] TL) TANK LEAK
- [ ] PL) PIPE LEAK
- [X] OF) OVERFILL
- [ ] SS) SURFACE SPILL
- [ ] PV) PUMP/VALVE LEAK
- [ ] OT) OTHER _____
- [ ] UN) UNKNOWN

10 - 1 - 96

LUST FORM

INCIDENT INFORMATION

LUST Incident Nbr: _____ LUST Log Nbr: 26-91-267 UST Facility ID: 6680

Date Received: 7-19-91 Received By: AVP Emergency Resp Taken: Y (N)

Tank Identification: File Name : AJP LUST

Street: 1120 SE Morrison

City: Portland Zip: 97214

County: _____ Phone: _____

Incident Comments: _____

CONTACT & MAIL TYPES

Reported By:	LUST Contact:	Responsible Party:
Name: Chad Walker	Name:	Name: Alan Campf
Company: O'Sullivan Const.	Company:	Company: AJP
Street: 28395 SW Boberg Rd	Street:	Street: Same
City: Wilsonville Zip: 97070	City: Zip:	City: Zip:
State: OR Phone: 682-0275	State: Phone:	State: Phone: 235-8341

SITE ASSESSMENT

LUST Incident Nbr: (XXXXXXXXXXXXX)

Date Investigated: 6/1/92 Investigated By: BHE

Release Exists: (Y) N (Circle)

Confirmation Method: A)Staff B)Lab:DEQ C)Lab:RP D)Lab:Other (E)RP F)Other (Circle)

Cleanup Necessary: (Y) N (Circle)

Regulated Tank: (Y) N (Circle)

Exposure Assessment: Y (N) (Circle)

Off-Site Migration: Y N ? (Circle)

Estimated Gallons Released: Unk

Priority: _____

Discovery Date: 7-19-91

How Discovered: (Circle)
A)Routine Monitoring B)Inventory Control (C)Decommissioning D)Site Assessment
E)Complaint F)Tank Test G)Other

Material Released: (Circle)
A)Unleaded Gasoline B)Leaded Gasoline (C)Misc. Gasoline
D)Diesel E)Fuel Oil F)Waste Oil
G)Lubricant H)Solvent I)Bunker Fuel
J)Other Pet. Dist. K)Chemical L)Unknown

Source of Release: (Circle)
A)Tank Leak B)Pipe Leak (C)Overfill D)Surface Spill
E)Pump/Valve Leak F)Other G)Unknown

Impacts: (Circle)

Soil Clayey mat.	(Y)	N	%	?
Groundwater	Y	(N)	%	?
Surface Water	Y	(N)	%	?
Drinking Water	Y	(N)	%	?
Facility (Vapor)	Y	(N)	%	?
Facility (Free Product)	Y	(N)	%	?

Site Assessment Comments: _____

SITE MANAGEMENT

LUST Incident Nbr: (XXXXXXXXXXXXX)

Date Released Stopped: 7-19-91

Cleanup Activity: Start Date: 7-19-91 Under Control Date: 7-19-91

End Date: _____ Contractor Name: O'Sullivan Const.

Cleanup Guideline: (Matrix) C.A.P. (Circle) Cleanup Lead: (RP) SLW/TF SLW/oTF (Circle)

Free Product Disposal:	Soil Disposal: 100 yds
Est. Gallons: 300 gal	Est. Cu/Yds: ~~20~~
Resp. Party: Bernstein Bros Inc	Resp. Party: O'Sullivan
Disposal Location: Site	Disposal Location: Site
Removal Date: _____	Removal Date: _____

Enforcement Action: Y (N) (Circle)

Cost Recovery Initiated: Y (N) (Circle) Source of Cost Recovery:

Pct. R.P.: _____

Pct. SLW/TF: _____

Pct. SLW/oTF: _____

Estimations: Cost of Cleanup: UNKNOWN Staff Time On Project: 3 HRS

Site Management Comments: _____

[Version 102]

NWR UST CLEANUP SITE CHECKLIST
(for regional use only)

This site is:

- ✓ <40 ppm Matrix
- ____ Regulated Tank
- ____ Exempt Tank
- ____ Oil Heat Commission eligible
- ____ Other _____ (surface spill, non-petroleum UST, etc.)

Assign site to:

- BAH Staff (your initials or staff for major RP)
- ____ Unassigned at this time (matrix only, soil aeration not anticipated)
- ____ Needs to be tracked (supervisor to assign) Reason:

Action:

- ____ Send Initial Letter (with rules)
- ✓ Send Modified Letter (without rules)
- ____ Send <40 ppm Letter (without rules)
- ____ No letter required _____ (sending other letter, etc.)

Regulated Tank Information (Y/N):

- ✓ Tanks registered ID No. 6680
- ✓ Decommissioning notice (30 day) received
- ✓ 3 day notice received
- ✓ Fees current
- NO New tanks to be installed

Misc. Notes:

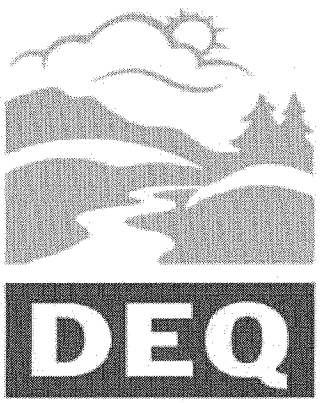
OPSUST06680-BernsteinBrothersIncFLE19910514.OCR

6680

BERNSTEIN BROTHERS, INC.

1120 SE MORRISON ST

PORTLAND, OR 97214



State of Oregon
Department of Environmental Quality

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CHECKLIST - PERMIT APPLICATION PROCESSING

Facility Number: 6680
Application Number: UST-3679
Date Received: 3/24/88

Permittee Information Entered ✓
SIC Code Entered NG
Tank Contents checked ✓
Tank ID number checked ✓
Permit Ordered ✓
Date: 9/21/88

AGBG-decomm'd '85

Property Owner Information Entered ✓
Corrections made to tank information ✓
Date: 1/28/91

TOTALLY DECOMMISSIONED

Other actions needed:

Returned to owner/permittee_____
Date:_____

Incomplete _____
Other_____

Received back from owner/permittee_____
Date:_____

Comments: Property Owner #25440
4/28/91 - Added tanks 2+3. - PIF 88 thru 91.
will be decomm'd 7/91. No permits issued. bn

COPY

Oregon Department of Environmental Quality

UNDERGROUND STORAGE TANK DECOMMISSIONING CHECKLIST

DEQ FACILITY NUMBER: 6680 DATE: 08/27/91

FACILITY NAME: AJP

FACILITY ADDRESS: 1120 SE Morrison St
Portland OR 97214

PHONE: (503) 235-8341

A. SAFETY EQUIPMENT ON JOB SITE:

Fire Extinguisher: Type/Size: Kidde 340 Recharge Date: Purchased 7/91

Combustible Gas Detector: Model: Gastex 1314 SMPM Calibration Date: 6-91

Oxygen Analyzer: Model: Gastex 1314 SMPM Calibration Date: 6-91

B. DECOMMISSIONING: All Tanks: (Unk. = Unknown, N/A = Not Applicable) (Check Appropriate Box)

	Yes	No	Unk	N/A
1. All electrical equipment grounded and explosion proof?	X			
2. Safety equipment on job site?	X			
3. Overhead electrical lines located?	X			
4. Subsurface electrical lines off or disconnected?	X			
5. Natural gas lines off or disconnected?				X
6. No open fires or smoking material in area?	X			
7. Vehicle and pedestrian traffic controlled?	X			
8. Excavation material area cleared?				X
9. Rainwater runoff directed to treatment area?				X
10. Drained and collected product from lines?				X
11. Removed product and residual from tank?	X			
12. Cleaned tank?	X			
13. Excavated to top of tank?	X			
14. Removed tank fixtures? (pumps, leak detection equip.	X			
15. Removed product, fill and vent lines?	X			

TOTALLY DECOMMISSIONED

Department of Environmental Quality
RECEIVED
SEP 5 1991
UST Compliance Section

C. TANK ABANDONMENT IN-PLACE:

16. Sampling plan approved by DEQ? Date: _____ DEQ Staff: _____			

B. DECOMMISSIONING: All Tanks: (Unk. = Unknown, N/A = Not Applicable) (Check Appropriate Box)

	Yes	No	Unk	N/A
17. Contamination concerns fully resolved?				
18. Fill Material? Type: _____				

D. TANK REMOVAL:

19. Tank placement area cleared, chocks placed?	X			
20. Purged or ventilated tank to prevent explosion? Method used: Dry Ice Meter reading: 4.7	X			
21. No chains or steel cables wrapped around tank for removal?		X		
22. Tank removed, set on ground, blocked to prevent movement?	X			
23. Tank set on truck and secured with strap(s)?	X			
24. Tank labeled before leaving site?	X			

E. SITE ASSESSMENT:

25. Site assessed for contamination? See OAR 340-122-340	X			
26. Soil samples taken and analyzed?	X			
27. Decommissioning/Change-in-Service report sent to DEQ?	X			
28. Was contamination found? Date/Time: 07/19/91 2:00 pm	X			
29. Was contamination reported to DEQ? By: Chad A. Walker Date/Time: 07/29/91 3:30 DEQ Staff: Andree Pollack	X			
30. Was hazardous waste determination made for tank contents (Liquids/sludges)?	X			

31. Disposal location of tank(s) contents.

Name: Pacific Coast Enviro Date: 08/08/91

Address: 6211 N Ensign

Portland, OR 97217 **Attach disposal receipt.**

32. Disposal or recycling location of removed tank(s) and associated piping.

Name: MT Hood Metals Date: 08/28/91

Address: 9645 N Columbia Blvd

Portland, OR 97283 **Attach disposal receipt.**

33. If tank(s) are intended to be reused, identify new tank site.

Name: NA. Date: _____

Address: _____

Purpose of Reuse: _____

CONTAINS HAZARDOUS MATERIALS

THIS MEMORANDUM

PO# 26415

is an acknowledgment that a bill of lading has been issued and is not the Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Shipper's No. 081203

ICC MC 221821

Carrier's No. MES181

Date 8-8-91

CARRIER: Pacific Coast Environmental SCAC

TO: Fuel Processors
Consignee
Street 4150 N. Suttle Rd.
Destination Pltd. Ore. Zip 97217

FROM: O'Sullivan Construction
Shipper
Street 28395 S.W. Bobery Rd
Origin Wilsonville, Or. Zip 97070

Route:

Vehicle Number

No. Shipping Units	HM	Kind of Packages, Description of Articles (IF HAZARDOUS MATERIALS - PROPER SHIPPING NAME)	HAZARD CLASS	I.D. Number	WEIGHT (subject to correction)	RATE	LABELS REQUIRED (or exemption)
1	X	Combustible liquid, N.O.S. (	3	1993	300 gal		NA
		(Waste Oil) UN 1993					
		Emergency action code guide 27					

Remit C.O.D. to: NA
Address:
City: State: Zip:

COD Amt: NA $

C.O.D. FEE:
Prepaid ☐
Collect ☐ $

NOTE — Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.
(Signature of Consignor)

FREIGHT CHARGES
☐ PREPAID ☐ COLLEC

RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.
Per

PLACARDS REQUIRED yes

PLACARDS SUPPLIED ☐ YES ☒ NO — FURNISHED BY CARRIER
DRIVER SIGNATURE:

SHIPPER: O'Sullivan Construction
PER: Chad Walker
DATE: 8/8/91
EMERGENCY RESPONSE TELEPHONE NUMBER: (503) 782-6747

CARRIER: Pac. Coast Environmental
PER: Chris Beck
DATE: 8-8-91

Monitored at all times the Hazardous Material is in transportation including storage incidental to transportation (172.604).

CONTAINS HAZARDOUS MATERIALS

51745

MT. HOOD METALS, INC.

9645 N. Columbia Blvd. • P.O. BOX 83123
PORTLAND, OR 97283-0123
(503) 283-3300

RECEIVING REPORT

DATE: 8/28/91

RECEIVED FROM: Wm Brown

ADDRESS:

DRIVER/PASSENGERS ON 0 (1) 2 3 4

VEHICLE:

WEIGHT	DESCRIPTION	PRICE PER TON/LB.	AMOUNT
	08/28/91		
	11:15		
28100 LBS 25320 LBS 2780	Tanks	30/MT	$40.80

TOTAL

CHECKED BY: | CK # 29857 | PD CASH | REC'D BY:

F. WORK PERFORMED BY:

DEQ Service Provider's License #: 810

Name: O'Sullivan Construction

Telephone: (503) 682-0275

DEQ Decommissioning Supervisor's License #: 905

Name: Win Brown

Telephone: (503) 682-0275

E. CHECKLIST FILING:

1. Provide copy of checklist to the UST owner and operator.

2. Send completed checklist to the DEQ headquarters within 30 days after the excavation is backfilled.

NOTE: If contamination was found during decommissioning and reported to DEQ regional office, this report may be submitted with either the first interim cleanup report or the final cleanup report, whichever is first.

Send Completed Form to:

Department of Environmental Quality
UST Program - Decommissioning Checklist
811 S.W. Sixth Ave.
Portland, Oregon 97204

I have personally reviewed this decommissioning checklist and find it to be true and complete.

Signature: Win Brown (Licensed Supervisor) Date: 8-27-91

Signature: _____ (Owner or Operator) Date: _____

For information: (503) 229-5559 or Toll Free in Oregon 1-800-452-4011

Paid in Full - 88, 89, 90, 91

TOTALLY DECOMMISSIONED

MUST BE SUBMITTED 30 DAYS IN ADVANCE OF DECOMMISSIONING *

NOTICE OF UNDERGROUND STORAGE TANK PERMANENT DECOMMISSIONING

PIF

Facility

Name ~~KSM~~ BERNSTEIN Bros Inc
Address 1120 SE Morrison ST
Portland OR 97214

Phone 235-8341
Facility ID Number 6660

Tank Owner

Name ~~KSM~~ BERNSTEIN Bros Inc
Address 1120 SE Morrison ST
Portland OR 97214

Phone 235-8341

Permanent Decommissioning Performed By:

Company O'Sullivan Construction Phone (503) 682-0275
Scheduled Date for Permanent Decommissioning July 19, 91 7/11/91
Method to be used: Removal ✓ In-Place ____ Fill Material ____

Tanks to be Decommissioned

Tank ID#	PERMIT #	Tank Size	Last Product Stored
~~1~~ 2			
~~2~~ 3			

Are the decommissioned tanks to be replaced by new underground storage tanks? Yes ☐ No ☑
If yes, please submit a new permit application containing information on the new tanks.

Where and how will the old tanks be disposed?

Scrap	Name Mt Hood Metals	Location Portland OR
Landfill	Name	Location
Stored	Name	Location
Other	Comment	

Signature Chad A. Walker Date 05/07/91

Return Completed Form To:

Department of Environmental Quality
UST Program - Decommissioning Notice
811 SW Sixth Ave.
Portland, Oregon 97204

For Information: (503) 229-5559 or Toll Free in Oregon 1-800-452-4011

Lucid
5/14/91

Oregon

DEPARTMENT OF
ENVIRONMENTAL
QUALITY

August 7, 1991

RON GOODMAN
GOODMAN BROTHERS INCORPORATED
PO BOX 42490
PORTLAND OREGON 97242

RE: Davis Heating Oil Tank
UST Log Number: 26-91-267
Facility ID No: 6680

Dear Mr. Goodman:

This letter is to confirm the verbal authorization given on July 22, 1991, to backfill or close the excavation located at the facility referenced above, pursuant to OAR 340-162-020(7) or OAR 340-163-020(6). Following completion, a copy of your signed checklist, as required by OAR 340-162-020(5) or OAR 340-163-020(4) and a copy of your final report, as required by OAR 340-122-350 must be submitted to the Department.

This authorization merely signifies that the Department was notified of a proposed excavation closure and was unable to schedule a field inspection at that time.

Authorization to close is not a Department determination that the soil cleanup has been completed in compliance with the requirements of OAR 340, Division 122. Upon a review of the checklist and final report referenced above, the Department will make a final determination on compliance with numeric cleanup standards.

Sincerely,

Tim Todd

Tim Todd
UST Cleanup Specialist
Northwest Region

cc: UST Compliance Section, HSW
UST Cleanup Section, ECD

811 SW Sixth Avenue
Portland, OR 97204-1390
(503) 229-5696

Oregon

DEPARTMENT OF
ENVIRONMENTAL
QUALITY

August 7, 1991

CHAD WALKER
OSULLIVAN CONSTRUCTION
28395 SW BOBERG ROAD
WILSONVILLE OREGON 97070

RE: AJP
UST Log Number: 26-91-267
Facility ID No: 6680

Dear Mr. Walker:

This letter is to confirm the verbal authorization given on July 19, 1991, to backfill or close the excavation located at the facility referenced above, pursuant to OAR 340-162-020(7) or OAR 340-163-020(6). Following completion, a copy of your signed checklist, as required by OAR 340-162-020(5) or OAR 340-163-020(4) and a copy of your final report, as required by OAR 340-122-350 must be submitted to the Department.

This authorization merely signifies that the Department was notified of a proposed excavation closure and was unable to schedule a field inspection at that time.

Authorization to close is not a Department determination that the soil cleanup has been completed in compliance with the requirements of OAR 340, Division 122. Upon a review of the checklist and final report referenced above, the Department will make a final determination on compliance with numeric cleanup standards.

Sincerely,

Andree Pollock
UST Cleanup Specialist
Northwest Region

cc: UST Compliance Section, HSW
UST Cleanup Section, ECD

811 SW Sixth Avenue
Portland, OR 97204-1390
(503) 229-5696

EXCAVATION CLOSURE NOTICE

Date/Time Received: 7-19-91 Received by: AVP

Facility Name: AJP

Facility Address: 1120 SE Morrison

Is site undergoing a soil matrix cleanup? (Y) N UNK at this time
- If yes, date reported to DEQ: 7-19-91; complete form.
- If cleanup status unknown or confirmed but not yet reported; complete form.
- If no contamination detected, not required to receive approval to backfill; fill out form to dotted line and question #2 on back as informational survey.

UST Cleanup Log Number: 26-91-267 UST Facility ID Number: 6680

30 day Decommissioning Notice received? Y N NA
72 hour Decommissioning Notice received? Y N NA

Matrix/Heating Oil Service Provider Information

Company Name: O'Sullivan Const.

Company Address: 28325 SW Boberg Rd, Wilsonville, OR 97070

Reported by: Chad Walker Phone Number: 682-0275

License Number(s): _____ / _____
(Company) (Supervisor)

DATE/TIME EXCAVATION SCHEDULED TO BE CLOSED: 7-20-9

(check one of the following)

X **Verbal approval to close/no inspection** (See checklist on back)

Approved by: Andrea Pollock Date/Time: 7-19-91 3:25

Service Provider notified: Chad Walker
(name/phone number)

_____ Approval letter sent (attached)

_____ **Inspection required**

Inspected by: _____ Date/Time: .2 CB
.2 AVP
.4 Total Time

Site Contact: _____

Inspection notes (attach additional information if necessary):

cc: UST Compliance Section **Total Staff Time =** .4

EXCAVATION CLOSURE APPROVAL CHECKLIST

1. Y (N) Has cleanup been conducted to Matrix standards?
   will be by tomorrow
2. Y (N) Samples results available?
   If yes, final results:

3. Y N Visible soil contamination or odor remaining in excavation? If yes,
   Y N (?) Is a pocket of contamination proposed to be left in place?

4. Y (N) Groundwater in excavation? If yes,
   Y N Water initially in pit, but did not recharge after 24 hours.
   Y N Groundwater has been or will be removed from excavation prior to backfilling.

   Remind service provider that if groundwater encountered, site is subject to CAP requirements. Water must be purged and sampled at recharge.

5. Y (N) Waste oil tank?
   If yes, remind service provider to test for PCBs, solvents, and TCLP metals (have samples just in case).

6. Y (N) Diesel TPH greater than gasoline standard?
   If yes, remind service provider to do HCID (have samples just in case).

7. Y (N) Anything unusual happen/discovered during tank removal or cleanup process?
   If yes, describe briefly:

STAFF NOTES:

RECEIVED
AUG 11 1991
NORTHWEST REGION

OREGON DEPARTMENT OF ENVIRONMENTAL QUALITY
UNDERGROUND STORAGE TANK PROGRAM

PERMIT ADDENDUM FOR PETROLEUM CONTAMINATED SOILS MANAGEMENT

ON-SITE AT FACILITY ADDRESS LISTED BELOW

1. PLEASE FILL OUT ALL PAGES TO THE BEST OF YOUR ABILITY AND SEND TO THE APPROPRIATE REGIONAL OFFICE. (See back for mailing addresses and phone numbers)
2. PLEASE PRINT CLEARLY AND PROVIDE ALL THE NECESSARY SIGNATURES
3. PLEASE CONTACT THE REGIONAL OFFICE FOR ASSISTANCE.

26-91-267

DEQ UST FACILITY: (LOCATION OF TANK DECOMMISSIONING AND SOURCE OF SOILS.)

DEQ FACILITY NUMBER 6680

NAME AJP

ADDRESS 1120 SE Morrison St.

CITY Portland, OR ZIP 97214

TANK OWNER

NAME AJP

ADDRESS 1120 SE Morrison St.

ADDRESS Portland, Oregon 97214

PHONE 235-8341

SIGNATURE Sylvan Campf

PROPERTY OWNER

NAME Sylvan Campf

ADDRESS 7542 SW Clear Hills Terrace

ADDRESS Portland, Oregon

PHONE 246-4545

SIGNATURE Sylvan Campf

PERMITTEE

NAME AJP

ADDRESS 1120 SE Morrison St.

ADDRESS Portland, Oregon 97214

PHONE 235-8341

SIGNATURE Sylvan Campf

Department of Environmental Quality
RECEIVED
AUG 16 1991
UST Compliance Section

OREGON DEPARTMENT OF ENVIRONMENTAL QUALITY
UNDERGROUND STORAGE TANK
PERMIT APPLICATION

TANK OWNER

PLEASE PRINT CLEARLY

NAME ~~ATP~~ BERNSTEIN BROS Inc

ADDRESS 1120 S.E. Morrison St.

Portland, OR 97214

X _____
TANK OWNER SIGNATURE

DATE 5-13-91

PHONE 235-8341

PERMIT FEE ASSESSMENT

2 Tanks at $25 each = $ 50.00
Number of tanks

AMOUNT REMITTED $ 200.00

CK# 8695 $200.00 MAY 14 1991

PROPERTY OWNER

PLEASE PRINT CLEARLY

NAME ~~WATER~~ Bernstein Bros Inc

ADDRESS 1120 S.E Morrison St

Portland, OR 97214

X _____
PROPERTY OWNER SIGNATURE

FACILITY 668

PLEASE PRINT CLEARLY

NAME ~~ATP~~ Bernstein Bros Inc

ADDRESS 1120 S.E. Morrison

Portland, OR 97214

PHONE 235-8341

SIC Code 4214

PERMITTEE

PLEASE PRINT CLEARLY

NAME ~~ATP~~ Bernstein Bros Inc

ADDRESS 1120 S.E Morrison St

Portland, OR 97214

X _____
PERMITTEE SIGNATURE

PHONE 235-8341

☐ **NEW INSTALLATION**

(PLEASE SUBMIT THIS APPLICATION 30 DAYS PRIOR TO USING THE TANK.)

Each completed application must include the signatures of the tank owner, the property owner and the permittee.

All three signature lines must be signed.

OREGON UST SURVEY

INSTRUCTIONS

Please fill in form to the best of your knowledge. If you do not know or cannot estimate an item requested, please mark "Unknown."

Facility Name:

	TANK NO. 1	TANK NO. 2	TANK NO.	TANK NO.
Tank Identification No. (e.g. ABC-123) or Arbitrarily Assigned Sequential Number (e.g. 1,2,3...)	1	2		
1. Status of Tank (check one ONLY if applicable) — If temporarily out of use, Estimated time out of use:				
1 month-6 months	(✓)	(✓)	( )	( )
6 months-1 year	( )	( )	( )	( )
1 year-5 years	( )	( )	( )	( )
5 years or more	( )	( )	( )	( )
Estimated date tank is to be brought back into use (mo/yr)	( )	( )	( )	( )
2. Was tank new at time of installation? (Y/N)	(✓)	(✓)	( )	( )
3. Containment Systems (check one) — Single-walled tank	(✓)	(✓)	( )	( )
Double-walled tank	( )	( )	( )	( )
Pit-lining system	( )	( )	( )	( )
Unknown	( )	( )	( )	( )
4. Leak Detection System (check all that apply) — Visual	(✓)	(✓)	( )	( )
Stock Inventory	(✓)	(✓)	( )	( )
Tile drain	( )	( )	( )	( )
Vapor wells	( )	( )	( )	( )
Sensor instrument (specify type):	_____	_____	_____	_____
In-ground detector	( )	( )	( )	( )
Within walls of double-walled tank	( )	( )	( )	( )
Ground water monitoring wells	( )	( )	( )	( )
Continuous in piping	( )	( )	( )	( )
Pressure test	( )	( )	( )	( )
Internal inspection	( )	( )	( )	( )
Other, specify	_____	_____	_____	_____
None	( )	( )	( )	( )
Unknown	( )	( )	( )	( )
5. Overfill Protection (Yes/No)	(No)	(No)	( )	( )
6. Location of Piping (check all that apply) — No parts in contact with soil	( )	( )	( )	( )
Parts contacting the soil which are:				
Unprotected metal	(✓)	(✓)	( )	( )
Made of corrosion resistant materials	( )	( )	( )	( )
Corrosion-resisted coated	( )	( )	( )	( )
Cathodically protected	( )	( )	( )	( )
Double-walled	( )	( )	( )	( )
Within a secondary containment	( )	( )	( )	( )
Interior lined	( )	( )	( )	( )
Unknown	( )	( )	( )	( )
7. History of Tank Repairs (check one except as indicated) — If tank repaired, Indicate date of last repairs (mo/yr)	_____	_____	_____	_____
None	(✓)	(✓)	( )	( )
Unknown	( )	( )	( )	( )
8. History of Pipe Repairs (check one except as indicated) — If pipe repaired, indicate date (mo/yr)	_____	_____	_____	_____
None	(✓)	(✓)	( )	( )
Unknown	( )	( )	( )	( )
9. Tank Removed from the Ground	To be removed			
Indicate date (mo/yr)	06/28/91	_____	_____	_____
(mark only if applicable — tank removed since May 1, 1988)	( )	( )	( )	( )

THANK YOU FOR YOUR ASSISTANCE

THE OREGON REGULATIONS FOR NEW INSTALLATIONS OF UNDERGROUND STORAGE TANKS

Regulations were adopted in January 1988 which set standards for new underground storage tank installations. Tanks and piping must now be designed, constructed and installed to ensure leak prevention. The regulations require controls to prevent:

- Corrosion;
- Damage due to structural failure; and
- Damage due to chemical incompatibility between the tank and the substance stored in it.

Corrosion Control

DEQ regulations identify three different methods of corrosion control.

Cathodic protection—This process reverses the electrical forces that cause corrosion. Cathodic protection systems use either a sacrificial anode or an impressed electrical current. The sacrificial anode system uses zinc or magnesium anodes connected to a coated steel tank. The impressed current system applies an outside electrical current to set up the cathodic protection.

Noncorrosive materials of construction—The law allows tanks and piping to be constructed of noncorrosive materials as an alternative to cathodic protection. The most widely used noncorrosive material is fiberglass reinforced plastic (FRP).

Noncorrosive coating of steel—A steel tank can be coated with fiberglass reinforced plastic to protect it from corrosion. The key factors in the success of this coating include its thickness, insulating strength, durability, and good bonding to the steel.

Structural Integrity

The regulations require that tanks be properly installed so structural failure does not occur. The proper selection and installation of the backfill material used to support the tank are critically important. For FRP tanks, the backfill provides as much as 90 percent of the tank's support. Failure to properly backfill the tank can cause structural damage and result in a leak. Tank manufacturer's installation instructions should be strictly followed.

Chemical Compatibility

The liquid stored in a tank must not dissolve the material of the tank's interior or coating.

Permanent Decommissioning

By regulation, a tank may not be permanently decommissioned unless the owner has applied and paid for a UST permit. Decommissioning must conform to Oregon requirements. An information package on permanent decommissioning is available from the DEQ. There are two approved methods for permanent decommission: Removing the tank or filling it in place with an inert solid. The procedures described in the American Petroleum Institute RP 1604 may be used as guidelines for tank decommissioning. Remove all liquids, solids and sludge from the tank and dispose of them and the tank in an approved manner. If evidence of a release is discovered, the tank owner must notify the DEQ within 24 hours. A cleanup plan will then be developed. Records of the decommissioning process must be kept for at least three years and be available to the DEQ on request.

Reminder

After February 1, 1989, the tank owner cannot deposit or ask anyone to deposit product into tanks which do not have valid DEQ permits.

Owner Name (from Section I) _____ Location (from Section II) _____

VI. DESCRIPTION OF UNDERGROUND STORAGE TANKS (Complete for each tank at this location.)

Tank Identification No. (e.g., ABC-123), or Arbitrarily Assigned Sequential Number (e.g., 1,2,3...)	Tank No. 1	Tank No. 2	Tank No.	Tank No.	Tank No.
1. Status of Tank (Mark all that apply ☒) — Currently in Use	☐	☐	☐	☐	☐
Temporarily Out of Use	☐	☐	☐	☐	☐
Permanently Out of Use	☐	☐	☐	☐	☐
Brought into Use after 5/8/86	☐	☐	☐	☐	☐
2. Estimated Age (Years)					
3. Estimated Total Capacity (Gallons)					
4. Material of Construction (Mark one ☒) — Steel	☐	☐	☐	☐	☐
Concrete	☐	☐	☐	☐	☐
Fiberglass Reinforced Plastic	☐	☐	☐	☐	☐
Unknown	☐	☐	☐	☐	☐
Other, Please Specify	_____	_____	_____	_____	_____
5. Internal Protection (Mark all that apply ☒) — Cathodic Protection	☐	☐	☐	☐	☐
Interior Lining (e.g., epoxy resins)	☐	☐	☐	☐	☐
None	☐	☐	☐	☐	☐
Unknown	☐	☐	☐	☐	☐
Other, Please Specify	_____	_____	_____	_____	_____
6. External Protection (Mark all that apply ☒) — Cathodic Protection	☐	☐	☐	☐	☐
Painted (e.g., asphaltic)	☐	☐	☐	☐	☐
Fiberglass Reinforced Plastic Coated	☐	☐	☐	☐	☐
None	☐	☐	☐	☐	☐
Unknown	☐	☐	☐	☐	☐
Other, Please Specify	_____	_____	_____	_____	_____
7. Piping (Mark all that apply ☒) — Bare Steel	☐	☐	☐	☐	☐
Galvanized Steel	☐	☐	☐	☐	☐
Fiberglass Reinforced Plastic	☐	☐	☐	☐	☐
Cathodically Protected	☐	☐	☐	☐	☐
Unknown	☐	☐	☐	☐	☐
Other, Please Specify	_____	_____	_____	_____	_____
8. Substance Currently or Last Stored in Greatest Quantity by Volume (Mark all that apply ☒) — **a. Empty**	☐	☐	☐	☐	☐
b. Petroleum Diesel	☐	☐	☐	☐	☐
Kerosene	☐	☐	☐	☐	☐
Gasoline (including alcohol blends)	☐	☐	☐	☐	☐
Used Oil	☐	☐	☐	☐	☐
Other, Please Specify	_____	_____	_____	_____	_____
c. Hazardous Substance	☐	☐	☐	☐	☐
Please Indicate Name of Principal CERCLA Substance	_____	_____	_____	_____	_____
OR Chemical Abstract Service (CAS) No.	_____	_____	_____	_____	_____
Mark box ☒ if tank stores a mixture of substances	☐	☐	☐	☐	☐
d. Unknown	☐	☐	☐	☐	☐
9. Additional Information (for tanks permanently taken out of service)					
a. Estimated date last used (mo/yr)	/	/	/	/	/
b. Estimated quantity of substance remaining (gal.)	_____	_____	_____	_____	_____
c. Mark box ☒ if tank was filled with inert material (e.g., sand, concrete)	☐	☐	☐	☐	☐

TO D.E.Q.

FROM

BERNSTEIN BROS.
1120 S. E. MORRISON STREET
PORTLAND, OREGON 97214
PHONE 235-6341

SUBJECT Permit Fees

DATE 8/15/88

MESSAGE Please note the enclosed copies of our check which was paid to your account in the month of March. Since you have now received proof of payment, not once but twice, kindly correct your records to show it as paid.

Thank you,
B. Clow
A/P Clerk

Waste Division
RECEIVED
AUG 16 1993
Remedial Action Section

SIGNED

REDIFORM® 4S 468
POLY PAK (50 SETS) 4P468

☒ NO REPLY NECESSARY

☐ REPLY REQUESTED - USE REVERSE SIDE

TO

FROM

REPLY

DATE / /

SIGNED

TOTALLY DECOMMISSIONED

CHECKLIST - PERMIT APPLICATION PROCESSING

25440

Facility Number: 6680

Application Number: UST-3679

Date Received: 6/13/88

Permittee Information Entered _____

SIC Code Entered _____

Tank Contents checked _____

Tank ID number checked _____

Permit Ordered
Date: _____

PERMIT NUMBERS: _____

Property Owner Information Entered _____

Corrections made to tank information _____

Date: _____

Comments: Filled 6/13/88

10251

CANCEL EXEMPT DOC

PAST DUE PERMIT FEE ASSESSMENT

NEIL GOLDSCHMIDT
GOVERNOR

Department of Environmental Quality

811 SW SIXTH AVENUE, PORTLAND, OREGON 97204-1390 PHONE (503) 229-5696

Hazardous & Solid Waste Division
Dept. of Environmental Quality
RECEIVED
JUN 13 1988
Remedial Action Section

UNDERGROUND STORAGE TANK PROGRAM

TANK OWNER 25440

BERNSTEIN BROTHERS, INC.
1120 S.E. Morrison
Portland, OR 97214

DATE_____
PHONE _____

TANK OWNER SIGNATURE

X_____

PROPERTY OWNER NAME AND ADDRESS

_____
_____
_____
_____

PROPERTY OWNER SIGNATURE

X_____

APPLICATION NUMBER UST-3679

PAST DUE PERMIT FEE ASSESSMENT

1 TANKS AT $25.00 EACH = $ 25.00

PERMITTEE NAME AND ADDRESS

_____
_____
_____
_____

PERMITTEE SIGNATURE

X_____

FACILITY LOCATION 6680

_____
_____
_____
_____

PHONE _____
SIC CODE _____

Approximately March 1, 1988, you should have received a permit application from the DEQ. As of 06/06/88 your application and complete fee have not been received. In order to change the status of your account, please pay the amount indicated above.

If you feel that you do not owe this assessment, please indicate the reason below:

EXEMPT: _____ REMOVED: _____ FILLED: 6/13/88

If you need more space, use the back of this form. You must account for all the tanks that were assessed a fee by DEQ.

If you have already returned the application with all three of the required signatures, you need not sign this form again. Each application requires THREE SIGNATURES: Tank Owner, Property Owner and Permittee, even if this is one person.

This notice may be used if you no longer have the original application form. Please use the original if available. Please contact DEQ at 229-5559 for more information or assistance. Thank you.

BERNSTEIN bros. INC.

1120 S.E. MORRISON STREET
PORTLAND, OREGON 97214
(503) 235-8341

CITIZENS BRANCH
UNITED STATES NATIONAL BANK
OF OREGON · Portland, Oregon

24-22
1230
020

17594

Pay: Twenty-five dollars and no cents

DATE	CHECK NO.	AMOUNT
March 23, 1988	17594	$*********25.00**

PAY TO THE ORDER OF

DEPT. OF ENVIRONMENTAL
QUALITY
811 S.W. SIXTH AVENUE
PORTLAND, OR 97204-1390

BERNSTEIN BROS., INC.

⑈017594⑈ ⑆123000220⑆ 020 0003 960⑈ ⑈0000002500⑈

FOR DEPOSIT ONLY
Dept. of Environmental Quality—34091
FISCAL OFFICE
CREDIT TO THE ACCOUNT OF
OREGON STATE TREASURY
Demand Account #650293
FIRST NATIONAL BANK

0701 9 6 3 4

24-12

24-12

24 MAR 88

BERNSTEIN BROS., INC.

17594

DATE	INVOICE NO.	DESCRIPTION	INVOICE AMOUNT	DEDUCTION	BALANCE
3-22-88	32280		25.00	.00	25.00

Hi
our check has cleared!
AL

CHECK DATE	3-23-88	CHECK NUMBER	17594	TOTALS	25.00	.00	25.00

PLEASE DETACH THIS PORTION AND RETAIN FOR YOUR RECORDS.

BERNSTEIN BROS., INC.

17594

Pay: Twenty-five dollars and no cents

DATE	CHECK NO.	AMOUNT
March 23, 1988	17594	********25.00**

PAY TO THE ORDER OF

DEPT. OF ENVIRONMENTAL
QUALITY
811 S.W. SIXTH AVENUE
PORTLAND, OR 97204-1390

NOT NEGOTIABLE

Authorized Signature

"017594" "123000220: 020 0003 960"

98278

3/23
3/22R

NEIL GOLDSCHMIDT
GOVERNOR

Department of Environmental Quality

811 SW SIXTH AVENUE, PORTLAND, OREGON 97204-1390 PHONE (503) 229-5696

March 21, 1988

Bernstein Brothers, Inc.
1120 S.E. Morrison
Portland, OR 97214

We have received your UNDERGROUND STORAGE TANK application (copy enclosed) on which you indicated that you have one tank. Therefore, a fee of $25.00 is due the department.

Please make your check payable to the DEQ and send it, along with the attached photocopy of your application, to the address on this letterhead immediately.

If you have any questions about your payment, you may contact me in the business office at 229-5456.

Sincerely,

Robert E. Beall
Accountant

I Think your choice of
this word leaves a lot to be desired.
You could have left it out and still have
gotten your check

RECEIVED
MAR 22 1988

OWNER NAME

BERNSTEIN BROTHERS, INC.

UST-3679

1120 S.E. MORRISON

PORTLAND OR 97214

X _____
OWNER SIGNATURE

ASSESSMENT

1 Tanks at $25.00 = $ 25.00

If different, fill in correct information

_____ Tanks at $25.00 = _____

AMOUNT REMITTED $ ~~25.00~~ 25

ck #17574

Each completed application must include the signatures of the tank owner, the property owner and the permittee. All three signature lines must be signed. The data sheets are part of the application and should be left attached and returned. Please return the completed application to the DEQ, Business Office, 811 SW 6th, Portland, OR 97204 using the envelope provided.

PROPERTY OWNER

PLEASE PRINT CLEARLY

_____

_____

_____

_____

X _____
PROPERTY OWNER SIGNATURE

PERMITTEE

PLEASE PRINT CLEARLY

Facility I.D. # _____ Tank I.D. # _____

_____

_____

_____

_____

X _____
PERMITTEE SIGNATURE

☑ **Yes, this data information sheet is correct**

☐ **No, this data information sheet is not correct**

SIC Code _____

Fiscal Office
Dept. of Environmental Quality
RECEIVED
MAR 24 1988

Please make copies for your records and return all 4 pages to DEQ
DEQ - UST COPY

2/88

TANK DESCRIPTION

INSTRUCTIONS

Please check the data below for correctness. Make any changes right on this sheet. If you have new or additional information, please write it on the sheet. Leave these sheets attached to the application package and return them to the DEQ by May 1, 1988.

FACILITY I.D. #/OWNER I.D. # 6680 25440
FACILITY NAME BERNSTEIN BROTHERS, INC.
ADDRESS 1120 S.E. MORRISON STREET
CITY, STATE, ZIP PORTLAND OR 97214
1 OF 1
UST-3679

Tank Identification No. (e.g., ABC-123), or Arbitrarily Assigned Sequential No. (e.g., 1,2,3,...)		TANK NO. 1	TANK NO.	TANK NO.	TANK NO.
1. Status of Tank (Mark all that apply ☒)	Currently in Use	( )	( )	( )	( )
	Temporarily Out of Use	(Y)	( )	( )	( )
	Permanently Out of Use	( )	( )	( )	( )
	Brought into Use after 5/8/86	( )	( )	( )	( )
2. Age When Reported/Current Age		0/ 0			
3. Estimated Total Capacity (Gallons)		0			
4. Material of Construction (Mark one ☒)	Steel	( )	( )	( )	( )
	Concrete	( )	( )	( )	( )
	Fiberglass Reinforced Plastic	( )	( )	( )	( )
	Unknown	(Y)	( )	( )	( )
	Other, Please Specify				
5. Internal Protection (Mark all that apply ☒)	Cathodic Protection	( )	( )	( )	( )
	Interior Lining (e.g., epoxy resins)	( )	( )	( )	( )
	None	( )	( )	( )	( )
	Unknown	(Y)	( )	( )	( )
	Other, Please Specify				
6. External Protection (Mark all that apply ☒)	Cathodic Protection	( )	( )	( )	( )
	Painted (e.g., asphaltic)	( )	( )	( )	( )
	Fiberglass Reinforced Plastic Coated	( )	( )	( )	( )
	None	( )	( )	( )	( )
	Unknown	(Y)	( )	( )	( )
	Other, Please Specify				
7. Piping (Mark all that apply ☒)	Bare Steel	( )	( )	( )	( )
	Galvanized Steel	( )	( )	( )	( )
	Fiberglass Reinforced Plastic	( )	( )	( )	( )
	Cathodically Protected	( )	( )	( )	( )
	Unknown	(Y)	( )	( )	( )
	Other, Please Specify				
8. Substance Currently or Last Stored in Greatest Quantity by Volume (Mark all that apply ☒)	a. Empty	(Y)	( )	( )	( )
	b. Petroleum	( )	( )	( )	( )
	Diesel	( )	( )	( )	( )
	Kerosene	( )	( )	( )	( )
	Gasoline (including alcohol blends)	( )	( )	( )	( )
	Used Oil	( )	( )	( )	( )
	Other, Please Specify				
Please	c. Hazardous Substance				
Indicate Name of Principal CERCLA Substance or Chemical Abstract Service (CAS) No.					
Mark box ☒ if tank stores a mixture of substances		☐	☐	☐	☐
	d. Unknown	( )	( )	( )	( )
9. Additional information (for tanks permanently taken out of service) a. Estimated date last used (mo/yr)		_____	_____	_____	_____
b. Estimate quantity of substance remaining (gal.)					
c. Mark box ☒ if tank was filled with inert material (e.g., sand, concrete)		☐	☐	☐	☐

2/88

THANK YOU FOR YOUR ASSISTANCE

OREGON UST SURVEY

INSTRUCTIONS

Please check the data below for correctness. Make any changes right on this sheet. If you have new or additional information, please write it on the sheet. Leave these sheets attached to the application package and return them to the DEQ by May 1, 1988.

Tank Identification No.		TANK NO. 1	TANK NO.	TANK NO.	TANK NO.
1. Status of Tank *(check one)*	If temporarily out of use, Estimated time out of use:	( )	( )	( )	( )
	1 month - 6 months	( )	( )	( )	( )
	6 months - 1 year	( )	( )	( )	( )
	1 year - 5 years	(Y)	( )	( )	( )
	5 years or more	( )	( )	( )	( )
	Estimated date to be brought back into use (mo/yr)	( )	( )	( )	( )
2. Was tank new at time of installation? (Y/N)		( )	( )	( )	( )
3. Containment Systems *(check one)*	Single-walled tank	( )	( )	( )	( )
	Double-walled tank	( )	( )	( )	( )
	Pit-lining system	( )	( )	( )	( )
	Unknown	(Y)	( )	( )	( )
4. Leak Detection System *(check all that apply)*	Visual	(Y)	( )	( )	( )
	Stock inventory	( )	( )	( )	( )
	Tile drain	( )	( )	( )	( )
	Vapor wells	( )	( )	( )	( )
	Sensor instrument (specify type):				
	In-ground detector	( )	( )	( )	( )
	Within walls of double-walled tank	( )	( )	( )	( )
	Ground water monitoring wells	( )	( )	( )	( )
	Continuous in piping	( )	( )	( )	( )
	Pressure test	( )	( )	( )	( )
	Internal inspection	( )	( )	( )	( )
	Other, specify				
	None	( )	( )	( )	( )
	Unknown	( )	( )	( )	( )
5. Overfill Protection (Yes/No)		(N)	( )	( )	( )
6. Location of Piping *(check all that apply)*	No parts in contact with soil	( )	( )	( )	( )
	Parts contacting the soil which are:	( )	( )	( )	( )
	Unprotected metal	( )	( )	( )	( )
	Made of corrosion resistant materials	( )	( )	( )	( )
	Corrosion-resisted coated	( )	( )	( )	( )
	Cathodically protected	( )	( )	( )	( )
	Double-walled	( )	( )	( )	( )
	Within a secondary containment	( )	( )	( )	( )
	Interior lined	( )	( )	( )	( )
	Unknown	(Y)	( )	( )	( )
7. History of Tank Repairs *(check one except as indicated)*	If tank repaired, indicate date of last repairs (mo/yr)				
	None	(Y)	( )	( )	( )
	Unknown	(Y)	( )	( )	( )
8. History of Pipe Repairs *(check one except as indicated)*	If pipe repaired, indicate date (mo/yr)				
	None	(Y)	( )	( )	( )
	Unknown	(Y)	( )	( )	( )

FACILITY NAME
ADDRESS
CITY, STATE, ZIP
BERNSTEIN BROTHERS, INC.
1120 S.E. MORRISON STREET
PORTLAND OR 97214

1 OF 1 FACILITY I.D. #/OWNER I.D. # 6680 25440

UST-3679

2/88

THANK YOU FOR YOUR ASSISTANCE

NEIL GOLDSCHMIDT
GOVERNOR

Department of Environmental Quality

811 SW SIXTH AVENUE, PORTLAND, OREGON 97204-1390 PHONE (503) 229-5696

March 21, 1988

Bernstein Brothers, Inc.
1120 S.E. Morrison
Portland, OR 97214

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Please make your check payable to the DEQ and send it, along with the attached photocopy of your application, to the address on this letterhead immediately.

If you have any questions about your payment, you may contact me in the business office at 229-5456.

Sincerely,

Robert E. Beall
Accountant

Owner Name (from Section I EPA Form) _____ Location (from Section II EPA form) _____ Page _____ of _____ Pages

OREGON UNDERGROUND STORAGE TANK (UST) SURVEY

The underground storage tank program will soon include performance standards for new tanks and regulations for leak detection/prevention and corrective actions which will affect owners and operators of underground storage tanks. In preparation for these new requirements, the Department has prepared a state-wide survey. The Department requests that owners of underground storage tanks complete the survey questions.

Your response to these questions will assist the Department in developing a cost-effective and responsive state-wide regulatory program. In addition, owners of underground storage tanks may find the survey useful in the management of such tanks.

INSTRUCTIONS

Please type or print in ink all items. Please complete one survey form for each location containing underground storage tanks. Tank I.D. should correspond to Tank I.D. on EPA form 7530-1 for the respective facility location. If more than five tanks are owned at this location, photocopy this survey or request additional forms from DEQ, and staple continuation sheets to this survey.

Hazardous & Solid Waste Division
Dept. of Environmental Quality
RECEIVED
MAR 17 1986
RECEIVED
APR 17 1986

Tank Identification No.	Tank No. 1	Tank No.	Tank No.	Tank No.	Tank No.
1. Status of Tank *(Check One)* — If temporarily out of use, Estimated time out of use:					
1 month - 6 months	☐	☐	☐	☐	☐
6 months - 1 year	☐	☐	☐	☐	☐
1 year - 5 years	☒	☐	☐	☐	☐
5 years or more	☐	☐	☐	☐	☐
Estimated date to be brought back into use (mo/yr)	/	/	/	/	/
2. Was tank new at time of installation? (Y/N)					
3. Containment Systems *(check one)* — Single-walled tank	☐	☐	☐	☐	☐
Double-walled tank	☐	☐	☐	☐	☐
Pit-lining system	☐	☐	☐	☐	☐
Unknown	☒	☐	☐	☐	☐
4. Leak Detection System *(check all that apply)* — Visual	☒	☐	☐	☐	☐
Stock inventory	☐	☐	☐	☐	☐
Tile drain	☐	☐	☐	☐	☐
Vapor wells	☐	☐	☐	☐	☐
Sensor instrument (specify type):					
In-ground detector	☐	☐	☐	☐	☐
Within walls of double-walled tank	☐	☐	☐	☐	☐
Ground water monitoring wells	☐	☐	☐	☐	☐
Continuous in piping	☐	☐	☐	☐	☐
Pressure test	☐	☐	☐	☐	☐
Internal inspection	☐	☐	☐	☐	☐
Other, specify	_____	_____	_____	_____	_____
None	☐	☐	☐	☐	☐
Unknown	☐	☐	☐	☐	☐
5. Overfill Protection (Yes/No)	? NO				
6. Location of Piping *(check all that apply)* — No parts in contact with soil	☐	☐	☐	☐	☐
Parts contacting the soil which are:					
Unprotected metal	☐	☐	☐	☐	☐
Made of corrosion resistant materials	☐	☐	☐	☐	☐
Corrosion-resisted coated	☐	☐	☐	☐	☐
Cathodically protected	☐	☐	☐	☐	☐
Double-walled	☐	☐	☐	☐	☐
Within a secondary containment	☐	☐	☐	☐	☐
Interior lined	☐	☐	☐	☐	☐
Unknown	☒	☐	☐	☐	☐
7. History of Tank Repairs *(check one except as indicated)* — If tank repaired, indicate date of last repairs (mo/yr)	/	/	/	/	/
None	☒	☐	☐	☐	☐
Unknown	☒	☐	☐	☐	☐
8. History of Pipe Repairs *(check one except as indicated)* — If pipe repaired, indicate date (mo/yr)	/	/	/	/	/
None	☒	☐	☐	☐	☐
Unknown	☒	☐	☐	☐	☐

THANK YOU FOR YOUR ASSISTANCE

REMEMBER...

If you are an owner:

1. Affix mailing label to form
2. Complete EPA Form 7530-1
3. Sign Section V of EPA Form
4. Complete Oregon UST Survey Information
5. Fold form on dotted lines
6. Make sure DEQ address is visible
7. Mail to DEQ by May 8, 1986

Hazardous & Solid Waste Division
Dept. of Environmental Quality
RECEIVED
APR 17 1986

FOLD HERE

RETURN ADDRESS
BERNSTEIN BROS
1120 SE MORRISON ST
Portland OR 97214

Affix Mailing Label
25440

PORTLAND OREG APR 16 '86 U.S. POSTAGE .22

OREGON DEPARTMENT OF ENVIRONMENTAL QUALITY
P.O. Box 1760
Portland, Oregon 97207

Notification for Underground Storage Tanks

FORM APPROVED
OMB NO. 2050-0049
APPROVAL EXPIRES 6-30-88

Return To: **Oregon Department of Environmental Quality**
Underground Storage Tank Program
P.O. Box 1760
Portland, Oregon 97207

STATE USE ONLY
I.D. Number 6680
Date Received

GENERAL INFORMATION

Notification is required by Federal law for all underground tanks that have been used to store regulated substances since January 1, 1974, that are in the ground as of May 8, 1986, or that are brought into use after May 8, 1986. The information requested is required by Section 9002 of the Resource Conservation and Recovery Act, (RCRA), as amended.

The primary purpose of this notification program is to locate and evaluate underground tanks that store or have stored petroleum or hazardous substances. It is expected that the information you provide will be based on reasonably available records, or, in the absence of such records, your knowledge, belief, or recollection.

Who Must Notify? Section 9002 of RCRA, as amended, requires that, unless exempted, owners of underground tanks that store regulated substances must notify designated State or local agencies of the existence of their tanks. Owner means—

(a) in the case of an underground storage tank in use on November 8, 1984, or brought into use after that date, any person who owns an underground storage tank used for the storage, use, or dispensing of regulated substances; and

(b) in the case of any underground storage tank in use before November 8, 1984, but no longer in use on that date, any person who owned such tank immediately before the discontinuation of its use.

What Tanks Are Included? Underground storage tank is defined as any one or combination of tanks that **(1)** is used to contain an accumulation of "regulated substances," and **(2)** whose volume (including connected underground piping) is 10% or more beneath the ground. Some examples are underground tanks storing: **1.** gasoline, used oil, or diesel fuel; and **2.** industrial solvents, pesticides, herbicides or fumigants.

What Tanks Are Excluded? Tanks removed from the ground are not subject to notification. Other tanks excluded from notification are:

1. farm or residential tanks of 1,100 gallons or less capacity used for storing motor fuel for noncommercial purposes;
2. tanks used for storing heating oil for consumptive use on the premises where stored;
3. septic tanks;
4. pipeline facilities (including gathering lines) regulated under the Natural Gas Pipeline Safety Act of 1968, or the Hazardous Liquid Pipeline Safety Act of 1979, or which is an intrastate pipeline facility regulated under State laws;
5. surface impoundments, pits, ponds, or lagoons;
6. storm water or waste water collection systems;
7. flow-through process tanks;
8. liquid traps or associated gathering lines directly related to oil or gas production and gathering operations;
9. storage tanks situated in an underground area (such as a basement, cellar, mineworking drift, shaft, or tunnel) if the storage tank is situated upon or above the surface of the floor.

What Substances are Covered? The notification requirements apply to underground storage tanks that contain regulated substances. This includes any substance defined as hazardous in section 101 (14) of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA), with the exception of those substances regulated as hazardous waste under Subtitle C of RCRA. It also includes petroleum, e.g., crude oil or any fraction thereof which is liquid at standard conditions of temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per square inch absolute).

Where To Notify? Completed notification forms should be sent to the address given at the top of this page.

When To Notify? 1. Owners of underground storage tanks in use or that have been taken out of operation after January 1, 1974, but still in the ground, must notify by May 8, 1986. **2.** Owners who bring underground storage tanks into use after May 8, 1986, must notify within 30 days of bringing the tanks into use.

Penalties: Any owner who knowingly fails to notify or submits false information shall be subject to a civil penalty not to exceed $10,000 for each tank for which notification is not given or for which false information is submitted.

RECEIVED MAR 17 1986 Oregon Department of Environmental Quality Underground Storage Tank Program

RECEIVED APR 1 1986 DEQ

INSTRUCTIONS

Please type or print in ink all items except "signature" in Section V. **This form must be completed for each location containing underground storage tanks.** If more than 5 tanks are owned at this location, photocopy the reverse side, and staple continuation sheets to this form.

Indicate number of continuation sheets attached. ☐

I. OWNERSHIP OF TANK(S)

Owner Name (Corporation, Individual, Public Agency, or Other Entity)
BERNSTEIN BROS INC

Street Address
1120 SE MORRISON ST

County
MULT.

City: Portland | State: OREGON | Zip Code: 97214

Area Code Phone Number: 503 235-8341

Type of Owner *(Mark all that apply ☒)*

☒ Current ☐ Former 25440

☐ State or Local Gov't. ☐ Federal Gov't. ☐ (GSA facility I.D. no.) _____)

☒ Private or Corporate ☐ Ownership uncertain

II. LOCATION OF TANK(S)

(If same as Section 1, mark box here ☒)

Facility Name or Company Site Identifier, as applicable

Street Address or State Road, as applicable

County

City (nearest) | State | Zip Code

Indicate number of tanks at this location 1

Mark box here if tank(s) are located on land within an Indian reservation or on other Indian trust lands ☐

III. CONTACT PERSON AT TANK LOCATION

Name (if same as Section 1, mark box here ☐): ALAN CAMPF

Job Title: CO-OWNER

Area Code Phone Number: 503-235-8341

IV. TYPE OF NOTIFICATION

☐ Mark box here only if this is an amended or subsequent notification for this location.

V. CERTIFICATION (Read and sign after completing Section VI.)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Name and official title of owner or owner's authorized representative: ALAN CAMPF -

Signature: Alan Campf

Date Signed: 3-14-86

CONTINUE ON REVERSE SIDE

Please complete the voluntary UST Survey on Page 4.

Owner Name (from Section I)_____ Location (from Section II)_____ Page No._____ of_____ Pages

VI. DESCRIPTION OF UNDERGROUND STORAGE TANKS *(Complete for each tank at this location.)*

Tank Identification No. (e.g., ABC-123), or Arbitrarily Assigned Sequential No. (e.g., 1, 2, 3...)	Tank No. 1	Tank No.	Tank No.	Tank No.	Tank No.
1. Status of Tank *(Mark all that apply ☒)* Currently in Use	☐	☐	☐	☐	☐
Temporarily Out of Use	■	☐	☐	☐	☐
Permanently Out of Use	☐	☐	☐	☐	☐
Brought into Use after 5/8/86	☐	☐	☐	☐	☐
2. Estimated Age (Years)					
3. Estimated Total Capacity (Gallons)					
4. Material of Construction *(Mark one ☒)* Steel	☐	☐	☐	☐	☐
Concrete	☐	☐	☐	☐	☐
Fiberglass Reinforced Plastic	☐	☐	☐	☐	☐
Unknown	■	☐	☐	☐	☐
Other, Please Specify	_____	_____	_____	_____	_____
5. Internal Protection *(Mark all that apply ☒)* Cathodic Protection	☐	☐	☐	☐	☐
Interior Lining (e.g., epoxy resins)	☐	☐	☐	☐	☐
None	☐	☐	☐	☐	☐
Unknown	■	☐	☐	☐	☐
Other, Please Specify	_____	_____	_____	_____	_____
6. External Protection *(Mark all that apply ☒)* Cathodic Protection	☐	☐	☐	☐	☐
Painted (e.g., asphaltic)	☐	☐	☐	☐	☐
Fiberglass Reinforced Plastic Coated	☐	☐	☐	☐	☐
None	☐	☐	☐	☐	☐
Unknown	■	☐	☐	☐	☐
Other, Please Specify	_____	_____	_____	_____	_____
7. Piping *(Mark all that apply ☒)* Bare Steel	☐	☐	☐	☐	☐
Galvanized Steel	☐	☐	☐	☐	☐
Fiberglass Reinforced Plastic	☐	☐	☐	☐	☐
Cathodically Protected	☐	☐	☐	☐	☐
Unknown	■	☐	☐	☐	☐
Other, Please Specify	_____	_____	_____	_____	_____
8. Substance Currently or Last Stored in Greatest Quantity by Volume *(Mark all that apply ☒)* **a. Empty**	■	☐	☐	☐	☐
b. Petroleum					
Diesel	☐	☐	☐	☐	☐
Kerosene	☐	☐	☐	☐	☐
Gasoline (including alcohol blends)	☐	☐	☐	☐	☐
Used Oil	☐	☐	☐	☐	☐
Other, Please Specify	_____	_____	_____	_____	_____
Please **c. Hazardous Substance**	☐	☐	☐	☐	☐
Indicate Name of Principal CERCLA Substance	_____	_____	_____	_____	_____
or Chemical Abstract Service (CAS) No.	_____	_____	_____	_____	_____
Mark box ☒ if tank stores a mixture of substances	☐	☐	☐	☐	☐
d. Unknown	☐	☐	☐	☐	☐
9. Additional information (for tanks permanently taken out of service) **a.** Estimated date last used (mo/yr)	1 84	/	/	/	/
b. Estimate quantity of substance remaining (gal.)	_____	_____	_____	_____	_____
c. Mark box ☒ if tank was filled with inert material (e.g., sand, concrete)	☐	■	☐	☐	☐

EPA Form 7530-1 (11-85) Reverse

THANK YOU FOR YOUR ASSISTANCE

K&S Environmental, Inc.

4475 SW Scholls Ferry Rd., #256 ▲ Portland, OR 97225
(503) 291-1454 ▲ Fax 291-5425

DATE REC'D APR 24 2017
AMT REC'D 200
CHECK # 14989
REC'D BY
☐ HOT DECOMMISSION
☒ HOT CLEANUP

Heating Oil Tank Service Provider Certification

Tank Owner Name: Alan Campf
Date of Report Certification: April 21, 2017
Tank Site Address: 1120 SE Morrison Street, Portland, OR 97214
Tank Owner Address: 1120 SE Morrison Street, Portland, OR 97214
DEQ Cleanup File Number: 26-16-1462

DEPT OF ENVIRONMENTAL QUALITY
RECEIVED
APR 28 2017
NORTHWEST REGION

Type of Project: Risk-Based Cleanup

K&S Environmental, Inc. has performed heating oil tank services at the above property and certifies that the work performed meets the appropriate requirements of OAR 340-122-205 through 340-122-360 and OAR Chapter 340, Division 177.

Based on information and belief formed after reasonable inquiry, the heating oil tank services performed under this certification were conducted in compliance with all applicable federal, state, and local laws.

K&S Environmental, Inc. is currently insured as required by OAR 340-163-0050.

Signed By: Bill Knutson, President Date Signed: 4/21/17

Licensed Service Provider Company Name: **K&S Environmental, Inc.**

Service Provider License Number: **16479** Expiration Date: **3/15/18**

DEPT OF ENVIRONMENTAL QUALITY
RECEIVED
APR 26 2017
NORTHWEST REGION

WASTE MANAGEMENT

Hillsboro Landfill, Inc
3205 SE Minter Bridge
Hillsboro, OR, 97123
Ph: (503) 640-9427

Original
Ticket# 1427562

Customer Name NRCENVSERVIC NRC ENVIRONMENTA
Ticket Date 11/22/2016
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 100524
Destination
PO 100524
Profile 1232350R (LF02 - petroleum contaminated soil)
Generator OR CITY OF PORTLAND 1120 SE CITY OF PORTLAND 1120 SE MORRISON, PORTLAND OR 9

Carrier NRC
Vehicle# 2072
Container
Driver LEVI
Check#
Billing # 0002249
Gen EPA ID N/A

Grid

Volume

	Time	Scale	Operator	Inbound		
In	11/22/2016 11:54:54	Inbound 1	mramos14		Gross	54300 lb
Out	11/22/2016 13:14:41	Outbound	jprins		Tare	35280 lb
					Net	19020 lb
					Tons	9.51

Comments

Consumer Comments? We want to know. Please call.

	Product	LDX	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-	100	9.51	Tons	34.82		$331.14	MULT-IN

#3386

10am-1:30pm

Total Tax
Total Ticket $331.14

Driver's Signature

403WM

E

WASTE MANAGEMENT

Hillsboro Landfill, Inc
3205 SE Minter Bridge
Hillsboro, OR, 97123
Ph: (503)-640-9427

Original
Ticket# 1427557

Customer Name NRCENVSERVIC NRC ENVIRONMENTA Carrier NRC
Ticket Date 11/23/2016 Vehicle# 2072 Volume
Payment Type Credit Account Container
Manual Ticket# Driver BLEAC
Hauling Ticket# Check#
Route Billing # 00022449
State Waste Code Gen EPA ID N/A
Manifest 100554PBOT SOIL
Destination Grid
PO 100524
Profile 1032350R (LFA2 petroleum contaminated soil)
Generator OR-CITY OF PORTLAND 1120 SE CITY OF PORTLAND 1120 SE MORRISON, PORTLAND OR 9

	Time	Scale	Operator	Inbound	Gross	40900 lb
In	11/23/2016 09:03:21	Inbound 1	mramos14		Tare	34700 lb
Out	11/23/2016 09:27:26	Outbound	mramos14		Net	6120 lb
					Tons	3.06

Comments

Consumer Comments? We want to know. Please call.

	Product	LO%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-	100	3.06	Tons	34.82		$106.55	MULT-IN

Total Tax
Total Ticket $106.55

Driver's Signature

403WM

E

OREGON DEPARTMENT OF ENVIRONMENTAL QUALITY
Underground Storage Tank Program

HEATING OIL TANK SERVICES
SERVICE PROVIDER REPORT CERTIFICATION

FINAL HEATING OIL CLEANUP REPORT FORM

Complete this FINAL report and submit it to the DEQ NWR Eastside office (1550 NW Eastman Parkway, Suite 290, Gresham, OR 97030) **as soon as possible,** but within sixty (60) days from the date the release from a heating oil tank is cleaned up. If this report cannot be submitted within the required time frame, contact DEQ (503-667-8414) to request an extension. OAR 340-177-0055(6)

Property Owner Name: Alan Campf DEQ Cleanup File No.: 26-16-1462

Property Address: 1120 SE Morrison Street

City/State/Zip Code: Portland, OR 97214 County: Multnomah

Owner Phone Number: 503-235-8341

Owner Mailing Address (if different): Same as Above

Licensed Cleanup Service Provider Company: K&S Environmental, Inc.

License Number: 16479 Expiration Date: 3/15/17

11/14/16 Date tank [☑] **removed** or decommissioned [ ] **in-place.** Approx. size of tank: 1000 gallons

(check √ all that apply and provide requested information)

[ ] If tank filled in-place:

What type of fill material was used? _____ How much? _____ gallons

Tank must be completely filled with inert solid material that is compacted and appropriate for site conditions.

[☑] If tank was removed, where was it recycled or disposed of? Metro Metals NW, Inc.

[☑] What national code of practice was followed during decommissioning? API 1604

[☑] Describe how the tank was cleaned as thoroughly as possible to the maximum extent practicable:

Tank was cut open & triple rinsed (by NRC)

[☑] How much product (oil) was removed? 250 gal. Sludge? - 0 - gal. Water? 2000 gal.

[☑] Where was the product/sludge/water recycled? ORRCO Disposed? _____

NRC

_____ Date cleanup **started**. _____ Date cleanup **completed**.

(Check √ Yes or No)

[ ] Yes [ ] No An INITIAL heating oil cleanup report form has already been submitted. *If cleanup had not been started at the time of the initial report, include a new initial report form that has the missing information completed.*

[☑] Yes [ ] No A narrative report is attached.

Complete the rest of this form. Be sure to sign and date page two after answering all questions.

1. How was the release discovered? Describe: tank damaged during street signal installation

2. What initial measures were taken to control the spread of contamination? Describe: the tank was pumped, the tank removed & contaminated soil was excavated

3. What was observed when the tank was removed from the pit or decommissioned in-place? Describe: 2. NRC

4. How much contaminated soil was removed? _____ cubic yards 27,28 tons

5. What was done with the contaminated soil? (check √ all that apply)
☑ Disposed of at: Hillsboro Landfill (name of disposal company)
☐ Treated off-site at: _____ (name of treatment company)
☐ Treated on-site. ATTACH copy of Solid Waste Letter Authorization permit approved by DEQ.
☐ Yes ☐ No On-site treatment of contaminated soil is complete.

6. What actions were taken during cleanup? Describe: UST decommissioning by removal, removal/disposal of PCS & risk-based soil sampling

7. (check √ one) ☐ Yes ☑ No Groundwater was encountered in the tank pit. If yes, ATTACH a separate summary of the data collected and decision made by DEQ in accordance with OAR 340-122-0355(3).

8. What is the highest TPH-Dx concentration measured? 10,900 mg/kg Sample ID No. HOT-South Pit Wall

9. Provide a summary of the concentrations measured in the FINAL round of samples from each sample location.
Note: Write in the specific unit of measurement for each contaminant. Write in "N/A" if sample was not analyzed for a contaminant. Use additional pages as necessary to summarize final results.

Sample ID	Sample Location	NWTPH-Dx Conc. (mg/kg)	B T E or X Detected?	Any PAH's Detected?	Media Soil/Water
			○Yes ○No ○N/A	○Yes ○No ○N/A	
		See Attached Report	○Yes ○No ○N/A	○Yes ○No ○N/A	
			○Yes ○No ○N/A	○Yes ○No ○N/A	
			○Yes ○No ○N/A	○Yes ○No ○N/A	

10. Check the type of remedial option selected for this cleanup project. Include any additional information necessary to satisfy the specific remedial option report requirements. **(check √ only one)**

☐ Soil Matrix OAR 340-177-0065(1)(a) Note: *include matrix score sheet*
☑ Risk-Based OAR 340-177-0065(1)(b)
☐ Generic Remedy OAR 340-177-0065(1)(c)

11. The following information should be ATTACHED as part of this report (list the attachment number you assign for each one):
Attachment Number

☑ Site map, drawn roughly to scale, showing the location of all buildings on the property and on adjacent properties and the location of the heating oil tank. Include distances in feet between objects.

☑ Sketch of the property that clearly shows the sample locations and depths of all soil and/or water samples collected and identifies each location and sample with an unique sample identification code.

☑ Copies of chain-of-custody forms for all soil and water samples collected.
Note: Chain-of-custody forms should include the date, time, and location of each sample collected; the name and company of the person collecting the samples; a description of how the samples were collected, stored, and shipped to the laboratory; and note any problems encountered during the cleanup or sampling process that may have affected sample integrity. Forms should clearly state the address of where samples were collected as a unique identifier.

☑ Copies of all laboratory data reports. Test methods used, including method reporting limits, must be included.

☑ Copies of all receipts or permits related to the disposal of any ☑ **oil / sludge,** ☐ **free product,** ☑ **contaminated soil,** and/or decommissioned ☑ **tank** and ☑ **piping** (check √ all that apply).

☐ Photographs taken at the time of heating oil tank decommissioning and cleanup (not required, but helpful).

"By my signature below, I state that the information contained in this report is true and complete to the best of my knowledge."

Name of person preparing report (please print): Bill Knutson

Signature: Bill Knutson Date: 4/21/17

Supervisor License No.: 17928 Expiration Date: 8/17/18

OREGON DEPARTMENT OF ENVIRONMENTAL QUALITY
Underground Storage Tank Program

HEATING OIL TANK SERVICES
SERVICE PROVIDER REPORT CERTIFICATION

CLEANUP CHECKLIST

This checklist is divided into five sections. **Section A must be completed for all cleanup projects.** Complete Sections B, C, D, or E as appropriate for the type of cleanup option selected. The checklist must be filled out as completely as possible and any exceptions noted for the certification to be valid.

GENERAL INFORMATION

Tank Owner Name: Alan Campf

Tank Site Address: 1120 SE Morrison Street
Portland, OR 97214

DEQ Cleanup File Number: 26-16-1462

Date Release Reported: 11/02/16

Licensed HOT Service Provider Company Name: KDS Environmental, Inc.

16479 License Number

3/15/18 Expiration Date

✓ **Check each item as complete and correct.** By checking any of the boxes in this checklist, you are indicating that the statement applies to this project. If there are any exceptions to the statement, please note them in the comment area provided at the end of the checklist. If the statement does not apply, please do not check the box.

NOTE: TPH = Total Petroleum Hydrocarbons as diesel by method NWTPH-Dx

Note: The submittal of this checklist does not replace a final cleanup report

This checklist MUST be signed and dated on page 4

SECTION A - ALL CLEANUP PROJECTS

☑ A1. The release of petroleum was reported to DEQ (OAR 340-163-0020(4)).

☑ A2. No free product is present or was removed during initial abatement actions.

☐ A3. Water is present at the site and DEQ was notified. Please note the name of the DEQ Staff person notified and the date of notification _____.

☑ A4. A site sketch, drawn approximately to scale, is included in the report (OAR 340-122-0345) which clearly shows:

☑ The location of all buildings and other key features, both man-made and natural;
☑ The names of adjacent streets and properties;
☑ The location of all excavations including those that were for the removal of tanks and associated piping as well as those that were strictly for the removal of contaminated soils;
☑ The location of all identified underground storage tanks, including those that were decommissioned as well as those that remain on the site in the vicinity of the cleanup;
☑ All soil and water sample locations including sample depths and analytical results; and
☑ Location of remaining contaminated soil (for risk-based decision making and generic remedy only).

☑ A5. All soil and/or water samples have been properly collected, coded, stored, shipped, and analyzed as required, and chain-of-custody forms have been filled out (OAR 340-122-0218, 340-122-0340 and 340-122-0345).

CHECK EITHER A6a or A6b, NOT BOTH

☑ A6a. Petroleum-contaminated soil has been removed from the property and properly handled, disposed of, or treated.
Amount of soil taken off-site for treatment/disposal: 27.28 tons.
Disposal/treatment location: Hillsboro Landfill

☐ A6b. No petroleum-contaminated soil removal occurred.

☑ A7. A report has been prepared which includes a detailed description of everything that was observed and performed at the site and contains all of the information required by (check ■ one):

☐ OAR 340-122-0360 and OAR 340-177-0055
☐ DEQ's "Heating Oil Tank Generic Remedy Guidance Document" (January 24, 2000)
☑ DEQ's "Risk-Based Decision Making for the Remediation of Petroleum-Contaminated Sites" (September, 2003)

For Soil Matrix cleanup project, complete Section B.

♦

For Generic Remedy cleanup project, complete Section C.

♦

For Risk-Based cleanup project (simple, soil-only), complete Section D.

♦

Complete Section E for:
All sites where groundwater is encountered and soil matrix standards for closure are not met.
All sites where heating oil tank constituent concentrations exceed the risk based concentrations in Appendix A of the DEQ's "Risk-Based Decision Making for the Remediation of Petroleum-Contaminated Sites" (September, 2003).

SECTION B - SOIL MATRIX CLEANUP

☐ B8. No contaminated soil exceeding the soil matrix level established for this site remains onsite. If a pocket of contamination exceeding the matrix level remains, use the appropriate checklist in Section C, D, or E instead.

CHECK EITHER B9a or B9b, NOT BOTH

☐ B9a. TPH concentrations were all below 100 mg/kg.

☐ B9b. TPH concentrations greater than 100 mg/kg remain in the soil and a Matrix Score Sheet has been completed. Supporting documentation for the matrix evaluation is included in the report. This project is a (check ■ one):

☐ Level 2 site (500 ppm TPH)
☐ Level 3 site (1,000 ppm TPH)

☐ B10. Groundwater was encountered, but no benzene, toluene, ethylbenzene, and total xylenes (BTEX) or polynuclear aromatic hydrocarbons (PAHs) were detected in water above risk-based concentrations. No BTEX was detected in soil samples collected from the soil/water interface pursuant to OAR-340-122-340.

SECTION C - GENERIC REMEDY

☐ C8. Contamination is limited to soil only, and the remaining contaminated soil is a minimum of ____ feet above the seasonal high groundwater level.

☐ C9. The magnitude and extent of contamination has been clearly delineated both horizontally and vertically to at least 500 mg/kg TPH.

☐ C10. The volume of contaminated soil remaining in the subsurface above 500 mg/kg TPH is less than 65 cubic yards. Volume calculations are included in the cleanup report.

☐ C11. Any contaminated soil left in place is deeper than 3 feet below ground surface.

☐ C12. The maximum heating oil TPH concentration remaining in the soil is less than 10,000 mg/kg. The maximum TPH concentration detected remaining in the soil is _____ (mg/kg).

☐ C13. Contaminated soil left in place is greater than 2,500 mg/kg TPH. A representative soil sample was collected from the most contaminated soil remaining at the site and analyzed for benzene. No benzene was detected in the soil in excess of 0.1 ppm.

SECTION D - SOIL ONLY RISK-BASED EVALUATIONS

☑ D8. Contamination is limited to soil only. The magnitude and extent of heating oil contamination (as TPH), has been clearly delineated vertically and horizontally (OAR 340-122-0240). *Note: It is often a site-by-site decision on the adequacy of this determination. Contact the Department if there are questions on this issue.*

☑ D9. A sample representative of the most contaminated soil remaining at the site was obtained and analyzed. No BTEX or PAHs were detected in the soil in excess of any risk-based concentration in DEQ's "Risk-Based Decision Making for the Remediation of Petroleum Contaminated Sites" (September 2003) guidance document.

SECTION E - GROUNDWATER AND COMPLEX RISK-BASED EVALUATIONS

Note: These certifications are complex and may require Department involvement. Please contact the Department for assistance as appropriate.

☐ E8. The magnitude and extent of heating oil contamination as TPH in soil, and BTEX & PAHs in groundwater, have been clearly delineated vertically and horizontally (OAR 340-122-0240). *Note: It is often a site-by-site decision on the adequacy of this determination. Contact the Department if there are questions on this issue.*

☐ E9. A mass balance calculation for vapor intrusion into the structure of benzene was performed using the air screening model posted on the Department's web page @ www.deq.state.or.us/wmc/tank/ust-lust.htm.

☐ E10. A detailed risk based evaluation has been conducted and the site has been found to be in compliance with OAR 340-122-0205 through 340-122-260. A detailed report documenting the finding has been prepared.

General Comments: _____

SIGNATURE

Licensed HOT Supervisor Name: Bill Knutson
(please print)

17928
License Number

8/17/18
Expiration Date

Check the correct box for each section completed in this checklist:

☑ Section A *AND* ☐ Section B *OR* ☐ Section C *OR* ☑ Section D *OR* ☐ Section E

"By my signature below, I state that the information contained in this checklist is true and complete to the best of my knowledge."

Supervisor Signature: _____ Date: 4/21/17

Note: If more than one supervisor was involved with the project, please add a second sheet with the license information and a signature block.

K&S Environmental, Inc.
4475 SW Scholls Ferry Rd., #256 ▲ Portland, OR 97225
(503) 291-1454 ▲ Fax 291-5425

April 17, 2017

Alan Campf
1120 SE Morrison Street
Portland, OR 97214

Re: UST Decommissioning and Risk-Based Cleanup for H/O UST
Property Located at 1120 SE Morrison Street, Portland, OR
DEQ File No. 26-16-1462

Dear Mr. Campf:

This report presents the procedures, methods and results of soil sampling performed by K&S Environmental, Inc. (K&S) at the corner of SE Belmont Street and SE 11th Avenue in Portland, OR. The sampling was completed as part of a risk-based evaluation associated with the decommissioning and subsequent soil cleanup of a1000 gallon heating oil underground storage tank (UST) previously completed at the site.

Background

In November of 2016, a 1000 gallon heating oil UST was damaged by City of Portland workers during the installation of a new signal light at the northeast corner of the intersection of SE Belmont Street and SE 11th Avenue in Portland, OR. Diesel product was reportedly released to the subsurface at that time and a release was reported to the DEQ by the City of Portland. NRC Environmental Services (NRC) was contracted at that time to decommission the tank by removal. A total of 27.28 tons of diesel contaminated soil was excavated and disposed of at Hillsboro Landfill during the decommissioning process. Due to physical constraints at the site, the City of Portland instructed NRC to backfill the excavation, and the installation of the new signal light was completed. Prior to backfilling, NRC collected excavation bottom and sidewall soil samples to document conditions at the site. The results of the sampling completed by NRC indicate that diesel contamination in excess of the site's Soil Matrix Cleanup standard remains at the site. The sampling completed by NRC did not adequately define the lateral extent of the remaining soil contamination at the site. Although soil reportedly in excess of 10,000 ppm diesel remains at the site, no constituent testing was performed. In April, 2017, K&S was contracted to perform a risk-based evaluation of the site for possible closure under DEQ's 'Risk-Based Decision Making for the Remediation of Petroleum-Contaminated Sites' guidance. Documentation made available to K&S for the work completed by NRC is included in this report.

Procedures

On April 12, 2017, K&S arrived at the site and installed a total of five shallow borings and collected soil samples for chemical analyses. The borings were installed in the City right of way, and a permit was obtained from the City of Portland prior to completing the work. A copy of the City permit is included with this report. The borings were installed using a trailer mounted Giddings drill rig that utilizes a 3 inch diameter solid stem auger that is advanced to the desired depth with 1 inch kelly bars. Soil samples were collected for chemical analyses by advancing a

split spoon sampler into undisturbed soil beyond the bottom of the open borehole. The samples were collected using disposable Nitrile gloves, placed into EPA approved 4 once glass jars and then packed for minimal headspace. The jars were labeled and placed on ice for transport to the laboratory accompanied by chain of custody documentation. Soil samples were continually inspected for evidence of petroleum contamination during installation of the five borings. Subsequent to installation of the borings and collection of the soil samples, the boreholes were abandoned by filling the boreholes with medium chip bentonite. The sidewalk was then restored per City of Portland specifications.

The boring locations were determined based upon site conditions and sample collection was designed to obtain lateral definition of the remaining impacted soil. Since no constituent analyses were performed during the initial remedial excavation, K&S attempted to duplicate the worst case soil remaining at the site and perform constituent analyses on that sample. Due to the presence of the new buried signal lines scattered throughout the former excavation (see attached pictures), K&S limited their drilling and sampling to the locations noted on the attached site map.

A total of 11 soil samples were preserved and analyzed from the 5 borings installed by K&S. The samples were collected from the 9-10 foot and 14-15 foot depths in all borings and were analyzed for TPH diesel. Soil cutting were continually inspected during the installation of the borings and the only visual or olfactory evidence of diesel contamination was observed in boring B-2 at the 9-14 foot depth interval. That sample (#4) was analyzed for TPH diesel, BTEX and PAHs. No visual or olfactory evidence of diesel contamination was detected during the installation or sampling of borings B-1, B-3, B-4 and B-5. The results of the soil sampling completed by K&S are summarized below in Tables 1 and 2.

Table 1
Soil Samples Collected on 4/12/17

Sample ID	Location	NWTPH-Dx
#1	Boring B-1, 9 ft.	ND
#2	Boring B-1, 14 ft.	ND
#3	Boring B-2, 9 ft.	119 ppm
#4	Boring B-2, 13 ft.	1980 ppm
#5	Boring B-2, 15 ft.	ND
#6	Boring B-3, 10 ft.	ND
#7	Boring B-3, 10 ft.	ND
#8	Boring B-4, 10 ft.	34.5 ppm
#9	Boring B-4, 15 ft.	ND
#10	Boring B-5, 10 ft.	ND
#11	Boring B-5, 15 ft.	ND

Table 2
Results of Risk-Based Constituent Analyses

Sample ID	NWTPH-Dx	BTEX (ppm)	PAHs (ppm)
#4, Boring B-2, 13 ft.	1980 ppm	Benzene- <0.0156 Toluene- <0.0778 Ethylbenzene- <0.0389 Xylenes- <0.117	Fluoranthene- 0.020 Fluorene- 0.743 Naphthalene- <0.045 Phenanthrene- 0.0575 Pyrene- 0.0179

ppm - parts per million ND - None detected at or above reportable levels

Field Observations

Subsurface Conditions: The work area is located in the City of Portland sidewalk that consists of 4 inches of concrete. Soil encountered beneath the concrete consists of sandy silt to the total depth explored of 15 feet. The contaminated soil located north of the remedial excavation began at approximately 9 feet and displayed visual and olfactory evidence of diesel contamination. All evidence of diesel contamination was gone by the 14 foot depth. No visual or olfactory evidence of petroleum contamination was encountered in any of the remaining perimeter borings. No groundwater was encountered during the project and is not expected to be encountered prior to 30 feet below ground surface.

Risk-Based Discussion

The site is located in a residential and commercial area of SE Portland, OR, so the Residential Receptor Scenario is being used in evaluating the risk at the site by comparing the constituent analytical results for the site with the Tier 1 RBCs in DEQ's 'Risk-Based Decision Making for the Remediation of Petroleum-Contaminated Sites'. Since the remaining contamination is first encountered at a depth of approximately 9 feet, the exposure pathway for 'Surface Soil Ingestion and Dermal Contact' was eliminated. Since groundwater was not encountered and is not expected prior to 30 feet at the site, the 'Leachate to Protect Groundwater' scenario was deemed not complete for the site. A review of Oregon Water Resources Department's data base indicates that no water wells are located within several hundred feet of the site. No free product was noted in the soil during the completion of the work at the site. The vertical extent of the remaining soil contamination is limited to 14 feet below the surface, as determined by the soil samples collected during the investigative work completed by K&S and NRC.

The contaminated soil sample collected by K&S, and used as a worst case scenario remaining at the site (1980 ppm diesel), is less than the 10,900 ppm diesel reported by NRC. The presence of the above and below ground utilities in the former tank area makes additional investigation impractical. The absence of BTEX and Naphthalene at low detection levels in sample #4 collected by K&S suggests that the risk-based concentrations for those constituents would likely meet the RBCs for the applicable pathways in the contaminated soil samples collected by NRC.

Inferred Extent of Remaining TPH Contamination in the Soil

Area of remaining impacted soil = 20 ft x 11 ft. = 220 ft^2
Thickness of remaining impacted soil strata = 14 ft. – 8 ft. = 6 ft.
Volume of soil in excess of 500 ppm TPH = 220 ft^2 (6 ft.) = 1320 ft^3 = 49 yd^3

Area of soil removed from the depth interval during remedial excavation = 7 ft.x 14 ft. = 98 ft^2
Depth interval removed – 11 ft. – 8 ft. = 88 ft.
Volume of soil removed = 98 ft^2 x 8 ft. = 784 ft^3 = 29 yd^3

Total Volume of Remaining Impacted Soil = 49 cy -29 cy = 20 CY

Conclusions

In November, 2016, NRC decommissioned by removal a 1000 gallon heating oil UST at the corner of SE Belmont Street and SE 11th Avenue in Portland, OR. A total of 27.28 tons of diesel contaminated soil was excavated and disposed of at Hillsboro Landfill. Soil samples collected

from the final remedial excavation indicated diesel contaminated soil remains in excess of DEQ's Soil Matrix Cleanup standard for the site. Insufficient data was collected prior to backfilling the excavation to properly evaluate the site for regulatory closure.

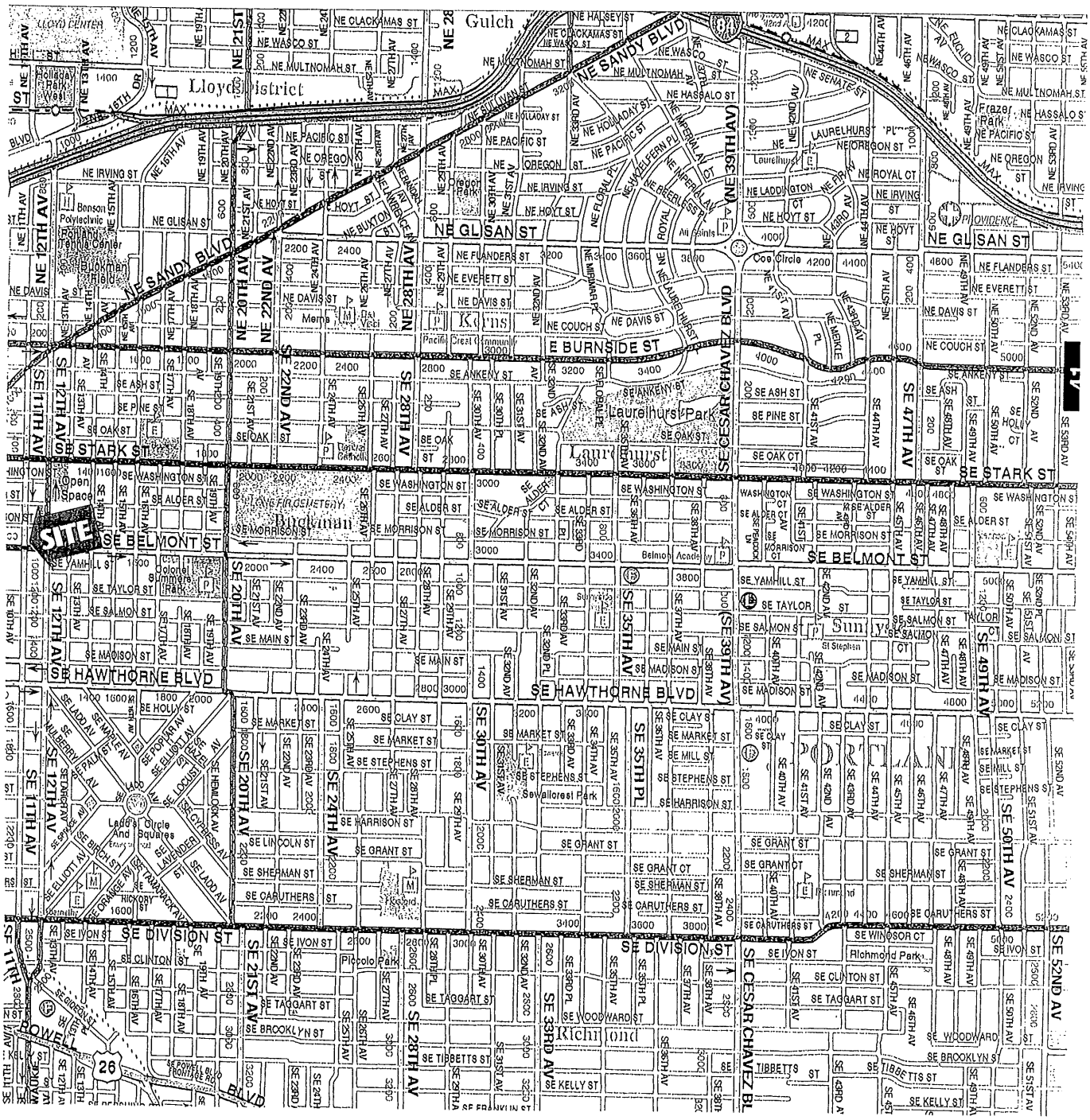
K&S installed borings and collected soil samples from around the former remedial excavation in April, 2017. Based upon the results of the soil sampling completed by K&S, the site appears to qualify for regulatory closure under DEQ's 'Risk-Based Decision Making for the Remediation of Petroleum Contaminated Sites'.

Included with this report are completed copies of the ODEQ "Heating Oil Risk-Based Soil Cleanup Certification Checklist", K&S Environmental, Inc.'s Service Provider's Heating Oil UST Cleanup Report Form and Project Cost Summary. K&S has registered the UST Decommissioning and Site Cleanup with DEQ by sending a copy of the certification papers and this report to the DEQ's Heating Oil Tank program in Portland, OR accompanied by the registration fee of $200.00.

Please review the findings presented in this report and contact me with any questions or concerns you may have.

Sincerely,

Bill Knutson, P.E.
Environmental Engineer
DEQ Heating Oil Supervisors License 17928



Vicinity Map

K&S Environmental Inc.

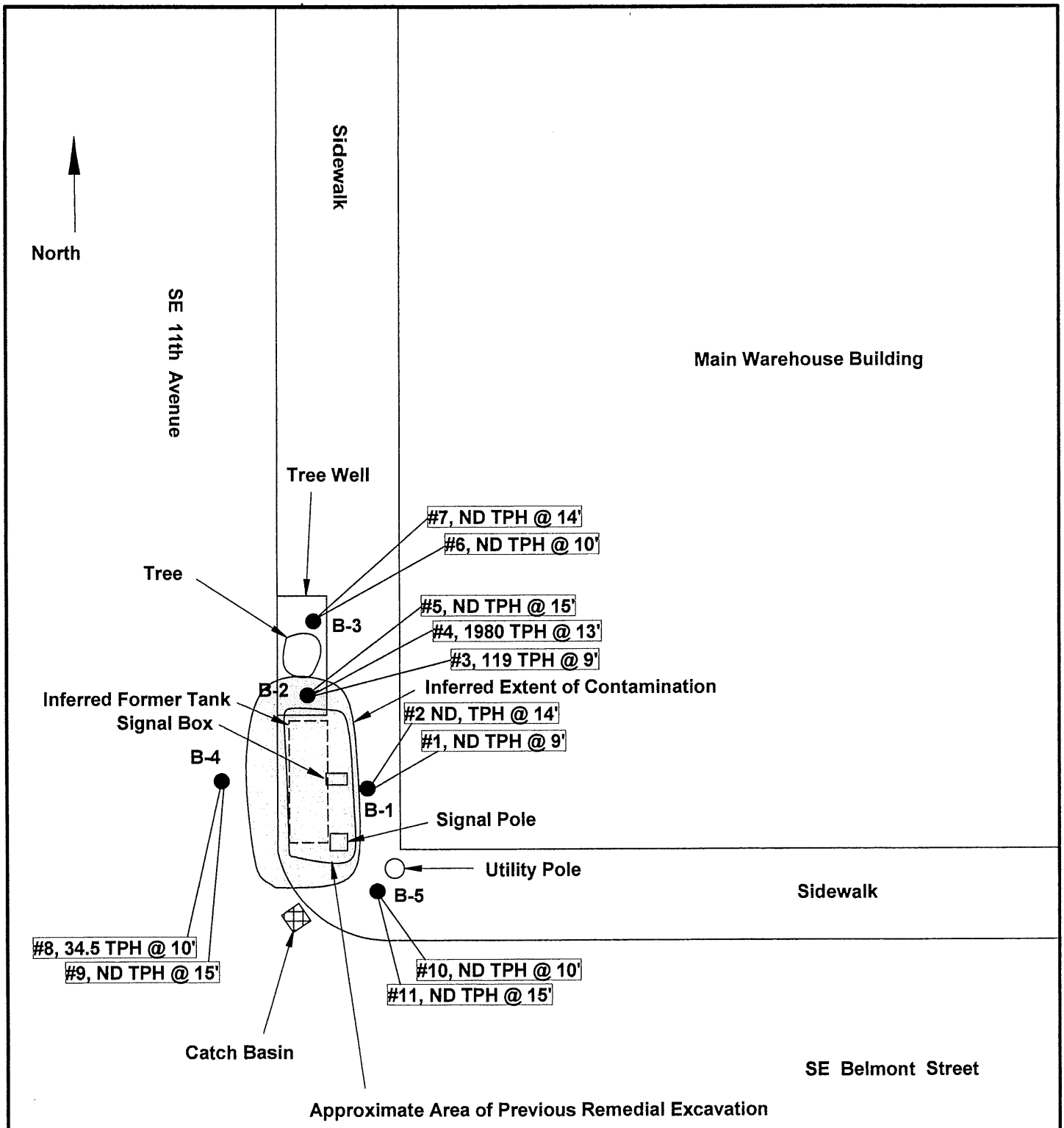
Alan Campf
1120 SE Morrison Street
Portland, OR

Date: 4/17/17
Project: #5773

Alan Campf - 1120 SE Morrison Street

South View

NW View



Site Map	*K&S Environmental, Inc.*	Job #5773
Alan Campf 1120 SE Morrison St. Portland, OR	#8, 34.5 TPH @ 10' ● - Sample Location w/Results & Depth	Date:4/13/17 Scale: 1" = 14'

CHAIN OF CUSTODY

K&S ENVIRONMENTAL, INC
4475 SW SCHOLLS FERRY RD., #256, PORTLAND OREGON 97225
Ph. (503) 291-1454 FAX (503) 291-5425

PROJECT # 5773

Project Name: Alan Campf

Address: 1120 SE Morrison Street, Portland, OR

Sampler: Bill Knutson

Turnaround Time: Standard 5 Day | 48 hr Rush | 24 hr Rush (circled)

Sample #	Date	Time	Sample Type soil, water or product	Sample Location	Depth (ft)	NWTPH-HCID	NWTPH-Gx	NWTPH-Dx	BTEX (8021)	NWTPH-G/BTEX	PAH (8310)	Total Pb (7421)	EDB & EDC	TCLP (8 metals)	TCLP (3 metals)	PCBs (EPA8082)	VOC's (EPA8260)	RBC's	MTBE
#1	4/12/17		Soil	Boring B-1	9			X											
#2	4/12/17		Soil	Boring B-1	14			X											
#3	4/12/17		Soil	Boring B-2	9			X											
#4	4/12/17		Soil	Boring B-2	13			X	X		X								
#5	4/12/17		Soil	Boring B-2	15			X											
#6	4/12/17		Soil	Boring B-3	10			X											
#7	4/12/17		Soil	Boring B-3	14			X											
#8	4/12/17		Soil	Boring B-4	10			X											

Relinquished by: [signature] Date 4/12/17 Time 11:02 Received by: [signature]

Relinquished by:

Notes:

CHAIN OF CUSTODY

K&S ENVIRONMENTAL, INC
4475 SW SCHOLLS FERRY RD., #256, PORTLAND OREGON 97225
Ph (503) 291-1454 FAX (503) 291-5425

PROJECT # 5773

Project Name: Alan Campf

Address: 1120 SE Morrison Street, Portland, OR

Sampler: Bill Knutson

Turnaround Time: Standard 5 Day | 48 hr Rush | 24 hr Rush

Sample #	Date	Time	Sample Type soil, water or product	Sample Location	Depth (ft)	NWTPH-HCID	NWTPH-Gx	NWTPH-Dx	BTEX (8021)	NWTPH-G/BTEX	PAH (8310)	Total Pb (7421)	EDB & EDC	TCLP (8 metals)	TCLP (3 metals)	PCBs (EPA8082)	VOC's (EPA8260)	RBC's	MTBE			
#9	4/12/17		Soil	Boring B-4	15	ND		X														
#10	4/12/17		Soil	Boring B-5	10	ND		X														
#11	4/12/17		Soil	Boring B-5	15	ND		X														

Relinquished by: [signature] Date: 4/12/17 Time: 1604 Received by: [signature]

Relinquished by:

Notes:

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Friday, April 14, 2017

Bill Knutson
K&S Environmental, Inc
4475 S.W. Scholls Ferry Rd #256
Portland, OR 97225

RE: Alan Campf/5773

Enclosed are the results of analyses for work order A7D0324, which was received by the laboratory on 4/12/2017 at 4:02:00PM.

Thank you for using Apex Labs. We appreciate your business and strive to provide the highest quality services to the environmental industry.

If you have any questions concerning this report or the services we offer, please feel free to contact me by email at: pnerenberg@apex-labs.com, or by phone at 503-718-2323.

Apex Laboratories

Philip Nerenberg

Philip Nerenberg, Lab Director

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K&S Environmental, Inc	Project/#: **Alan Campf/5773**	
4475 S.W. Scholls Ferry Rd #256		**Reported:**
Portland, OR 97225	Project Manager: Bill Knutson	04/14/17 13:39

ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
5773 #1	A7D0324-01	Soil	04/12/17 00:00	04/12/17 16:02
5773 #2	A7D0324-02	Soil	04/12/17 00:00	04/12/17 16:02
5773 #3	A7D0324-03	Soil	04/12/17 00:00	04/12/17 16:02
5773 #4	A7D0324-04	Soil	04/12/17 00:00	04/12/17 16:02
5773 #5	A7D0324-05	Soil	04/12/17 00:00	04/12/17 16:02
5773 #6	A7D0324-06	Soil	04/12/17 00:00	04/12/17 16:02
5773 #7	A7D0324-07	Soil	04/12/17 00:00	04/12/17 16:02
5773 #8	A7D0324-08	Soil	04/12/17 00:00	04/12/17 16:02
5773 #9	A7D0324-09	Soil	04/12/17 00:00	04/12/17 16:02
5773 #10	A7D0324-10	Soil	04/12/17 00:00	04/12/17 16:02
5773 #11	A7D0324-11	Soil	04/12/17 00:00	04/12/17 16:02

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K&S Environmental, Inc 4475 S.W. Scholls Ferry Rd #256 Portland, OR 97225	Project/#: **Alan Campf/5773** Project Manager: Bill Knutson	**Reported:** 04/14/17 13:39

ANALYTICAL SAMPLE RESULTS

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Date Analyzed	Method	Notes
5773 #1 (A7D0324-01RE1)			**Matrix: Soil**		**Batch: 7040540**			
Diesel	ND	---	25.0	mg/kg dry	1	04/13/17 10:55	NWTPH-Dx	
Oil	ND	---	50.0	"	"	"	"	
Surrogate: o-Terphenyl (Surr)			*Recovery: 81 %*	*Limits: 50-150 %*	"	"	"	
5773 #2 (A7D0324-02RE1)			**Matrix: Soil**		**Batch: 7040540**			
Diesel	ND	---	25.0	mg/kg dry	1	04/13/17 11:15	NWTPH-Dx	
Oil	ND	---	50.0	"	"	"	"	
Surrogate: o-Terphenyl (Surr)			*Recovery: 73 %*	*Limits: 50-150 %*	"	"	"	
5773 #3 (A7D0324-03RE1)			**Matrix: Soil**		**Batch: 7040540**			
Diesel	**119**	---	25.0	mg/kg dry	1	04/13/17 11:35	NWTPH-Dx	F-11
Oil	ND	---	50.0	"	"	"	"	
Surrogate: o-Terphenyl (Surr)			*Recovery: 87 %*	*Limits: 50-150 %*	"	"	"	
5773 #4 (A7D0324-04RE1)			**Matrix: Soil**		**Batch: 7040540**			
Diesel	**1980**	---	25.0	mg/kg dry	1	04/13/17 12:14	NWTPH-Dx	
Oil	ND	---	50.0	"	"	"	"	
Surrogate: o-Terphenyl (Surr)			*Recovery: 79 %*	*Limits: 50-150 %*	"	"	"	
5773 #5 (A7D0324-05RE1)			**Matrix: Soil**		**Batch: 7040540**			
Diesel	ND	---	25.0	mg/kg dry	1	04/13/17 12:34	NWTPH-Dx	
Oil	ND	---	50.0	"	"	"	"	
Surrogate: o-Terphenyl (Surr)			*Recovery: 79 %*	*Limits: 50-150 %*	"	"	"	
5773 #6 (A7D0324-06RE1)			**Matrix: Soil**		**Batch: 7040540**			
Diesel	ND	---	25.0	mg/kg dry	1	04/13/17 12:03	NWTPH-Dx	
Oil	ND	---	50.0	"	"	"	"	
Surrogate: o-Terphenyl (Surr)			*Recovery: 87 %*	*Limits: 50-150 %*	"	"	"	
5773 #7 (A7D0324-07RE1)			**Matrix: Soil**		**Batch: 7040540**			
Diesel	ND	---	25.0	mg/kg dry	1	04/13/17 12:23	NWTPH-Dx	
Oil	ND	---	50.0	"	"	"	"	
Surrogate: o-Terphenyl (Surr)			*Recovery: 89 %*	*Limits: 50-150 %*	"	"	"	
5773 #8 (A7D0324-08)			**Matrix: Soil**		**Batch: 7040532**			
Diesel	**34.5**	---	25.4	mg/kg dry	1	04/12/17 22:41	NWTPH-Dx	
Oil	ND	---	50.9	"	"	"	"	
Surrogate: o-Terphenyl (Surr)			*Recovery: 105 %*	*Limits: 50-150 %*	"	"	"	

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K&S Environmental, Inc 4475 S.W. Scholls Ferry Rd #256 Portland, OR 97225	Project/#: **Alan Campf/5773** Project Manager: Bill Knutson	**Reported:** 04/14/17 13:39

ANALYTICAL SAMPLE RESULTS

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Date Analyzed	Method	Notes
5773 #9 (A7D0324-09RE1)			**Matrix: Soil**		**Batch: 7040540**			
Diesel	ND	---	25.0	mg/kg dry	1	04/13/17 12:44	NWTPH-Dx	
Oil	ND	---	50.0	"	"	"	"	
Surrogate: o-Terphenyl (Surr)			*Recovery: 80 %*	*Limits: 50-150 %*	"	"	"	
5773 #10 (A7D0324-10)			**Matrix: Soil**		**Batch: 7040532**			
Diesel	ND	---	25.0	mg/kg dry	1	04/12/17 23:21	NWTPH-Dx	
Oil	ND	---	50.0	"	"	"	"	
Surrogate: o-Terphenyl (Surr)			*Recovery: 70 %*	*Limits: 50-150 %*	"	"	"	
5773 #11 (A7D0324-11)			**Matrix: Soil**		**Batch: 7040532**			
Diesel	ND	---	25.4	mg/kg dry	1	04/12/17 23:40	NWTPH-Dx	
Oil	ND	---	50.8	"	"	"	"	
Surrogate: o-Terphenyl (Surr)			*Recovery: 105 %*	*Limits: 50-150 %*	"	"	"	

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K&S Environmental, Inc 4475 S.W. Scholls Ferry Rd #256 Portland, OR 97225	Project/#: **Alan Campf/5773** Project Manager: Bill Knutson	**Reported:** 04/14/17 13:39

ANALYTICAL SAMPLE RESULTS

BTEX Compounds by EPA 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Date Analyzed	Method	Notes
5773 #4 (A7D0324-04)			**Matrix: Soil**		**Batch: 7040541**			V-15
Benzene	ND	---	0.0156	mg/kg dry	50	04/13/17 12:01	5035/8260B	
Toluene	ND	---	0.0778	"	"	"	"	
Ethylbenzene	ND	---	0.0389	"	"	"	"	
Xylenes, total	ND	---	0.117	"	"	"	"	
Surrogate: 1,4-Difluorobenzene (Surr)			*Recovery: 104 %*	*Limits: 70-130 %*	1	"	"	
Toluene-d8 (Surr)			*94 %*	*Limits: 70-130 %*	"	"	"	
4-Bromofluorobenzene (Surr)			*100 %*	*Limits: 70-130 %*	"	"	"	

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K&S Environmental, Inc	Project/#: **Alan Campf/5773**	
4475 S.W. Scholls Ferry Rd #256		**Reported:**
Portland, OR 97225	Project Manager: Bill Knutson	04/14/17 13:39

ANALYTICAL SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Date Analyzed	Method	Notes
5773 #4 (A7D0324-04)			**Matrix: Soil**		**Batch: 7040552**			
Acenaphthene	ND	---	166	ug/kg dry	1	04/13/17 22:26	EPA 8270D (SIM)	R-02
Acenaphthylene	ND	---	73.8	"	"	"	"	R-02
Anthracene	ND	---	35.6	"	"	"	"	R-02
Benz(a)anthracene	ND	---	12.7	"	"	"	"	
Benzo(a)pyrene	ND	---	12.7	"	"	"	"	
Benzo(b)fluoranthene	ND	---	12.7	"	"	"	"	
Benzo(k)fluoranthene	ND	---	12.7	"	"	"	"	
Benzo(g,h,i)perylene	ND	---	12.7	"	"	"	"	
Chrysene	ND	---	12.7	"	"	"	"	
Dibenz(a,h)anthracene	ND	---	12.7	"	"	"	"	
Fluoranthene	**20.0**	---	12.7	"	"	"	"	
Fluorene	**743**	---	12.7	"	"	"	"	
Indeno(1,2,3-cd)pyrene	ND	---	12.7	"	"	"	"	
Naphthalene	ND	---	45.8	"	"	"	"	R-02
Phenanthrene	**57.5**	---	12.7	"	"	"	"	
Pyrene	**17.9**	---	12.7	"	"	"	"	
Surrogate: 2-Fluorobiphenyl (Surr)			*Recovery: 65 %*	*Limits: 44-120 %*	"	"	"	
p-Terphenyl-d14 (Surr)			*99 %*	*Limits: 54-127 %*	"	"	"	

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K&S Environmental, Inc	Project/#: **Alan Campf/5773**	
4475 S.W. Scholls Ferry Rd #256		**Reported:**
Portland, OR 97225	Project Manager: Bill Knutson	04/14/17 13:39

ANALYTICAL SAMPLE RESULTS

Percent Dry Weight

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Date Analyzed	Method	Notes
5773 #1 (A7D0324-01)			**Matrix: Soil**		**Batch: 7040522**			
% Solids	**77.0**	---	1.00	% by Weight	1	04/13/17 07:33	EPA 8000C	
5773 #2 (A7D0324-02)			**Matrix: Soil**		**Batch: 7040522**			
% Solids	**81.8**	---	1.00	% by Weight	1	04/13/17 07:33	EPA 8000C	
5773 #3 (A7D0324-03)			**Matrix: Soil**		**Batch: 7040522**			
% Solids	**79.4**	---	1.00	% by Weight	1	04/13/17 07:33	EPA 8000C	
5773 #4 (A7D0324-04)			**Matrix: Soil**		**Batch: 7040522**			
% Solids	**74.6**	---	1.00	% by Weight	1	04/13/17 07:33	EPA 8000C	
5773 #5 (A7D0324-05)			**Matrix: Soil**		**Batch: 7040522**			
% Solids	**78.8**	---	1.00	% by Weight	1	04/13/17 07:33	EPA 8000C	
5773 #6 (A7D0324-06)			**Matrix: Soil**		**Batch: 7040522**			
% Solids	**78.0**	---	1.00	% by Weight	1	04/13/17 07:33	EPA 8000C	
5773 #7 (A7D0324-07)			**Matrix: Soil**		**Batch: 7040522**			
% Solids	**77.7**	---	1.00	% by Weight	1	04/13/17 07:33	EPA 8000C	
5773 #8 (A7D0324-08)			**Matrix: Soil**		**Batch: 7040522**			
% Solids	**75.3**	---	1.00	% by Weight	1	04/13/17 07:33	EPA 8000C	
5773 #9 (A7D0324-09)			**Matrix: Soil**		**Batch: 7040522**			
% Solids	**75.2**	---	1.00	% by Weight	1	04/13/17 07:33	EPA 8000C	
5773 #10 (A7D0324-10)			**Matrix: Soil**		**Batch: 7040522**			
% Solids	**81.9**	---	1.00	% by Weight	1	04/13/17 07:33	EPA 8000C	
5773 #11 (A7D0324-11)			**Matrix: Soil**		**Batch: 7040522**			
% Solids	**77.0**	---	1.00	% by Weight	1	04/13/17 07:33	EPA 8000C	

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K&S Environmental, Inc 4475 S.W. Scholls Ferry Rd #256 Portland, OR 97225	Project/#: **Alan Campf/5773** Project Manager: Bill Knutson	**Reported:** 04/14/17 13:39

QUALITY CONTROL (QC) SAMPLE RESULTS

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Analyte	Result	MDL	Reporting Limit	Units	Dil.	Spike Amount	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7040532 - EPA 3546 (Fuels)							Soil					
Blank (7040532-BLK1)					Prepared: 04/12/17 18:20 Analyzed: 04/12/17 22:01							
NWTPH-Dx												
Diesel	ND	---	25.0	mg/kg wet	1	---	---	---	---	---	---	
Oil	ND	---	50.0	"	"	---	---	---	---	---	---	
Surr: o-Terphenyl (Surr)			*Recovery: 108 %*	*Limits: 50-150 %*			*Dilution: 1x*					
LCS (7040532-BS1)					Prepared: 04/12/17 18:20 Analyzed: 04/12/17 22:21							
NWTPH-Dx												
Diesel	122	---	25.0	mg/kg wet	1	125	---	98	76-115%	---	---	
Surr: o-Terphenyl (Surr)			*Recovery: 105 %*	*Limits: 50-150 %*			*Dilution: 1x*					
Duplicate (7040532-DUP2)					Prepared: 04/12/17 18:20 Analyzed: 04/12/17 22:21							
QC Source Sample: 5773 #1 (A7D0324-01)												
NWTPH-Dx												
Diesel	ND	---	25.3	mg/kg dry	1	---	ND	---	---	---	30%	
Oil	ND	---	50.6	"	"	---	ND	---	---	---	30%	
Surr: o-Terphenyl (Surr)			*Recovery: 76 %*	*Limits: 50-150 %*			*Dilution: 1x*					
Batch 7040540 - EPA 3546 (Fuels)							Soil					
Blank (7040540-BLK1)					Prepared: 04/13/17 07:46 Analyzed: 04/13/17 10:15							
NWTPH-Dx												
Diesel	ND	---	25.0	mg/kg wet	1	---	---	---	---	---	---	
Oil	ND	---	50.0	"	"	---	---	---	---	---	---	
Surr: o-Terphenyl (Surr)			*Recovery: 87 %*	*Limits: 50-150 %*			*Dilution: 1x*					
LCS (7040540-BS1)					Prepared: 04/13/17 07:46 Analyzed: 04/13/17 10:35							
NWTPH-Dx												
Diesel	119	---	20.0	mg/kg wet	1	125	---	95	76-115%	---	---	
Surr: o-Terphenyl (Surr)			*Recovery: 96 %*	*Limits: 50-150 %*			*Dilution: 1x*					
Duplicate (7040540-DUP1)					Prepared: 04/13/17 07:46 Analyzed: 04/13/17 13:05							
QC Source Sample: 5773 #9 (A7D0324-09RE1)												
NWTPH-Dx												
Diesel	ND	---	25.0	mg/kg dry	1	---	ND	---	---	---	30%	
Oil	ND	---	50.0	"	"	---	ND	---	---	---	30%	
Surr: o-Terphenyl (Surr)			*Recovery: 61 %*	*Limits: 50-150 %*			*Dilution: 1x*					

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K&S Environmental, Inc	Project/#: **Alan Campf/5773**	
4475 S.W. Scholls Ferry Rd #256		**Reported:**
Portland, OR 97225	Project Manager: Bill Knutson	04/14/17 13:39

QUALITY CONTROL (QC) SAMPLE RESULTS

BTEX Compounds by EPA 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dil.	Spike Amount	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7040541 - EPA 5035A							**Soil**					
Blank (7040541-BLK1)					Prepared: 04/13/17 09:00 Analyzed: 04/13/17 11:34							
5035/8260B												
Benzene	ND	---	0.00667	mg/kg wet	50	---	---	---	---	---	---	
Toluene	ND	---	0.0333	"	"	---	---	---	---	---	---	
Ethylbenzene	ND	---	0.0167	"	"	---	---	---	---	---	---	
Xylenes, total	ND	---	0.0500	"	"	---	---	---	---	---	---	
Surr: 1,4-Difluorobenzene (Surr)			*Recovery: 103 %*		*Limits: 70-130 %*			*Dilution: 1x*				
Toluene-d8 (Surr)			*98 %*		*70-130 %*			"				
4-Bromofluorobenzene (Surr)			*99 %*		*70-130 %*			"				
LCS (7040541-BS1)					Prepared: 04/13/17 09:00 Analyzed: 04/13/17 10:40							
5035/8260B												
Benzene	0.976	---	0.0100	mg/kg wet	50	1.00	---	98	65-135%	---	---	
Toluene	1.00	---	0.0500	"	"	"	---	100	"	---	---	
Ethylbenzene	0.985	---	0.0250	"	"	"	---	98	"	---	---	
Xylenes, total	2.94	---	0.0750	"	"	3.00	---	98	"	---	---	
Surr: 1,4-Difluorobenzene (Surr)			*Recovery: 101 %*		*Limits: 70-130 %*			*Dilution: 1x*				
Toluene-d8 (Surr)			*98 %*		*70-130 %*			"				
4-Bromofluorobenzene (Surr)			*97 %*		*70-130 %*			"				

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4475 S.W. Scholls Ferry Rd #256		**Reported:**
Portland, OR 97225	Project Manager: Bill Knutson	04/14/17 13:39

QUALITY CONTROL (QC) SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Result	MDL	Reporting Limit	Units	Dil.	Spike Amount	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7040552 - EPA 3546							**Soil**					
Blank (7040552-BLK1)					Prepared: 04/13/17 10:15 Analyzed: 04/13/17 18:05							
EPA 8270D (SIM)												
Acenaphthene	ND	---	9.09	ug/kg wet	1	---	---	---	---	---	---	
Acenaphthylene	ND	---	9.09	"	"	---	---	---	---	---	---	
Anthracene	ND	---	9.09	"	"	---	---	---	---	---	---	
Benz(a)anthracene	ND	---	9.09	"	"	---	---	---	---	---	---	
Benzo(a)pyrene	ND	---	9.09	"	"	---	---	---	---	---	---	
Benzo(b)fluoranthene	ND	---	9.09	"	"	---	---	---	---	---	---	
Benzo(k)fluoranthene	ND	---	9.09	"	"	---	---	---	---	---	---	
Benzo(g,h,i)perylene	ND	---	9.09	"	"	---	---	---	---	---	---	
Chrysene	ND	---	9.09	"	"	---	---	---	---	---	---	
Dibenz(a,h)anthracene	ND	---	9.09	"	"	---	---	---	---	---	---	
Fluoranthene	ND	---	9.09	"	"	---	---	---	---	---	---	
Fluorene	ND	---	9.09	"	"	---	---	---	---	---	---	
Indeno(1,2,3-cd)pyrene	ND	---	9.09	"	"	---	---	---	---	---	---	
Naphthalene	ND	---	9.09	"	"	---	---	---	---	---	---	B-02
Phenanthrene	ND	---	9.09	"	"	---	---	---	---	---	---	
Pyrene	ND	---	9.09	"	"	---	---	---	---	---	---	
Surr: 2-Fluorobiphenyl (Surr)			*Recovery: 72 %*	*Limits: 44-120 %*			*Dilution: 1x*					
p-Terphenyl-d14 (Surr)			*99 %*	*54-127 %*			*"*					
LCS (7040552-BS1)					Prepared: 04/13/17 10:15 Analyzed: 04/13/17 18:31							
EPA 8270D (SIM)												
Acenaphthene	619	---	10.0	ug/kg wet	1	800	---	77	40-122%	---	---	
Acenaphthylene	600	---	10.0	"	"	"	---	75	32-132%	---	---	
Anthracene	580	---	10.0	"	"	"	---	72	47-123%	---	---	
Benz(a)anthracene	575	---	10.0	"	"	"	---	72	49-126%	---	---	
Benzo(a)pyrene	560	---	10.0	"	"	"	---	70	45-129%	---	---	
Benzo(b)fluoranthene	632	---	10.0	"	"	"	---	79	45-132%	---	---	
Benzo(k)fluoranthene	655	---	10.0	"	"	"	---	82	47-132%	---	---	
Benzo(g,h,i)perylene	578	---	10.0	"	"	"	---	72	43-134%	---	---	
Chrysene	571	---	10.0	"	"	"	---	71	50-124%	---	---	
Dibenz(a,h)anthracene	569	---	10.0	"	"	"	---	71	45-134%	---	---	
Fluoranthene	581	---	10.0	"	"	"	---	73	50-127%	---	---	
Fluorene	597	---	10.0	"	"	"	---	75	43-125%	---	---	
Indeno(1,2,3-cd)pyrene	574	---	10.0	"	"	"	---	72	45-133%	---	---	
Naphthalene	588	---	10.0	"	"	"	---	74	35-123%	---	---	B-02

Apex Laboratories

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Philip Nerenberg

Philip Nerenberg, Lab Director

Apex Labs

12232 S.W. Garden Place
Tigard, OR 97223
503-718-2323 Phone
503-718-0333 Fax

K&S Environmental, Inc	Project/#: **Alan Campf/5773**	
4475 S.W. Scholls Ferry Rd #256		**Reported:**
Portland, OR 97225	Project Manager: Bill Knutson	04/14/17 13:39

QUALITY CONTROL (QC) SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Result	MDL	Reporting Limit	Units	Dil.	Spike Amount	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7040552 - EPA 3546							**Soil**					
LCS (7040552-BS1)					Prepared: 04/13/17 10:15 Analyzed: 04/13/17 18:31							
EPA 8270D (SIM)												
Phenanthrene	579	---	10.0	ug/kg wet	"	"	---	72	50-121%	---	---	
Pyrene	591	---	10.0	"	"	"	---	74	47-127%	---	---	
Surr: 2-Fluorobiphenyl (Surr)			*Recovery: 71 %*		*Limits: 44-120 %*			*Dilution: 1x*				
p-Terphenyl-d14 (Surr)			*94 %*		*54-127 %*			"				
Matrix Spike (7040552-MS1)					Prepared: 04/13/17 10:15 Analyzed: 04/13/17 22:52							
QC Source Sample: 5773 #4 (A7D0324-04)												
EPA 8270D (SIM)												
Acenaphthene	891	---	12.9	ug/kg dry	1	1030	ND	71	40-122%	---	---	
Acenaphthylene	822	---	12.9	"	"	"	ND	73	32-132%	---	---	
Anthracene	771	---	12.9	"	"	"	ND	71	47-123%	---	---	
Benz(a)anthracene	755	---	12.9	"	"	"	ND	72	49-126%	---	---	
Benzo(a)pyrene	718	---	12.9	"	"	"	ND	70	45-129%	---	---	
Benzo(b)fluoranthene	800	---	12.9	"	"	"	ND	78	45-132%	---	---	
Benzo(k)fluoranthene	830	---	12.9	"	"	"	ND	81	47-132%	---	---	
Benzo(g,h,i)perylene	688	---	12.9	"	"	"	ND	67	43-134%	---	---	
Chrysene	711	---	12.9	"	"	"	ND	68	50-124%	---	---	
Dibenz(a,h)anthracene	704	---	12.9	"	"	"	ND	68	45-134%	---	---	
Fluoranthene	781	---	12.9	"	"	"	20.0	74	50-127%	---	---	
Fluorene	1430	---	12.9	"	"	"	743	67	43-125%	---	---	
Indeno(1,2,3-cd)pyrene	701	---	12.9	"	"	"	ND	68	45-133%	---	---	
Naphthalene	774	---	12.9	"	"	"	ND	71	35-123%	---	---	
Phenanthrene	778	---	12.9	"	"	"	57.5	70	50-121%	---	---	
Pyrene	771	---	12.9	"	"	"	17.9	73	47-127%	---	---	
Surr: 2-Fluorobiphenyl (Surr)			*Recovery: 67 %*		*Limits: 44-120 %*			*Dilution: 1x*				
p-Terphenyl-d14 (Surr)			*96 %*		*54-127 %*			"				

Apex Laboratories

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Philip Nerenberg, Lab Director

Apex Labs

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K&S Environmental, Inc	Project/#: **Alan Campf/5773**	
4475 S.W. Scholls Ferry Rd #256		**Reported:**
Portland, OR 97225	Project Manager: Bill Knutson	04/14/17 13:39

QUALITY CONTROL (QC) SAMPLE RESULTS

Percent Dry Weight

Analyte	Result	MDL	Reporting Limit	Units	Dil.	Spike Amount	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7040522 - Total Solids (Dry Weight)							**Soil**					
Duplicate (7040522-DUP3)					Prepared: 04/12/17 18:09 Analyzed: 04/13/17 07:33							
QC Source Sample: 5773 #1 (A7D0324-01)												
EPA 8000C												
% Solids	**76.8**	---	1.00	% by Weight	1	---	77.0	---	---	0.3	10%	

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K&S Environmental, Inc	Project/#: **Alan Campf/5773**	
4475 S.W. Scholls Ferry Rd #256		**Reported:**
Portland, OR 97225	Project Manager: Bill Knutson	04/14/17 13:39

SAMPLE PREPARATION INFORMATION

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Prep: EPA 3546 (Fuels)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 7040532							
A7D0324-08	Soil	NWTPH-Dx	04/12/17 00:00	04/12/17 18:20	10.44g/5mL	10g/5mL	0.96
A7D0324-10	Soil	NWTPH-Dx	04/12/17 00:00	04/12/17 18:20	10.53g/5mL	10g/5mL	0.95
A7D0324-11	Soil	NWTPH-Dx	04/12/17 00:00	04/12/17 18:20	10.22g/5mL	10g/5mL	0.98
Batch: 7040540							
A7D0324-01RE1	Soil	NWTPH-Dx	04/12/17 00:00	04/13/17 07:46	11.98g/5mL	10g/5mL	0.84
A7D0324-02RE1	Soil	NWTPH-Dx	04/12/17 00:00	04/13/17 07:46	10.92g/5mL	10g/5mL	0.92
A7D0324-03RE1	Soil	NWTPH-Dx	04/12/17 00:00	04/13/17 07:46	10.96g/5mL	10g/5mL	0.91
A7D0324-04RE1	Soil	NWTPH-Dx	04/12/17 00:00	04/13/17 07:46	11.01g/5mL	10g/5mL	0.91
A7D0324-05RE1	Soil	NWTPH-Dx	04/12/17 00:00	04/13/17 07:46	11.06g/5mL	10g/5mL	0.90
A7D0324-06RE1	Soil	NWTPH-Dx	04/12/17 00:00	04/13/17 07:46	10.45g/5mL	10g/5mL	0.96
A7D0324-07RE1	Soil	NWTPH-Dx	04/12/17 00:00	04/13/17 07:46	10.79g/5mL	10g/5mL	0.93
A7D0324-09RE1	Soil	NWTPH-Dx	04/12/17 00:00	04/13/17 07:46	11.55g/5mL	10g/5mL	0.87

BTEX Compounds by EPA 8260B

Prep: EPA 5035A

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 7040541							
A7D0324-04	Soil	5035/8260B	04/12/17 00:00	04/12/17 17:45	5.52g/5mL	5g/5mL	0.91

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Prep: EPA 3546

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 7040552							
A7D0324-04	Soil	EPA 8270D (SIM)	04/12/17 00:00	04/13/17 10:15	10.53g/5mL	10g/5mL	0.95

Percent Dry Weight

Prep: Total Solids (Dry Weight)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 7040522							
A7D0324-01	Soil	EPA 8000C	04/12/17 00:00	04/12/17 18:09	1N/A/1N/A	1N/A/1N/A	NA
A7D0324-02	Soil	EPA 8000C	04/12/17 00:00	04/12/17 18:09	1N/A/1N/A	1N/A/1N/A	NA
A7D0324-03	Soil	EPA 8000C	04/12/17 00:00	04/12/17 18:09	1N/A/1N/A	1N/A/1N/A	NA

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Philip Nerenberg

Philip Nerenberg, Lab Director

Apex Labs

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503-718-0333 Fax

K&S Environmental, Inc	Project/#: **Alan Campf/5773**	
4475 S.W. Scholls Ferry Rd #256		**Reported:**
Portland, OR 97225	Project Manager: Bill Knutson	04/14/17 13:39

SAMPLE PREPARATION INFORMATION

Percent Dry Weight

Prep: Total Solids (Dry Weight)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
A7D0324-04	Soil	EPA 8000C	04/12/17 00:00	04/12/17 18:09	1N/A/1N/A	1N/A/1N/A	NA
A7D0324-05	Soil	EPA 8000C	04/12/17 00:00	04/12/17 18:09	1N/A/1N/A	1N/A/1N/A	NA
A7D0324-06	Soil	EPA 8000C	04/12/17 00:00	04/12/17 18:09	1N/A/1N/A	1N/A/1N/A	NA
A7D0324-07	Soil	EPA 8000C	04/12/17 00:00	04/12/17 18:09	1N/A/1N/A	1N/A/1N/A	NA
A7D0324-08	Soil	EPA 8000C	04/12/17 00:00	04/12/17 18:09	1N/A/1N/A	1N/A/1N/A	NA
A7D0324-09	Soil	EPA 8000C	04/12/17 00:00	04/12/17 18:09	1N/A/1N/A	1N/A/1N/A	NA
A7D0324-10	Soil	EPA 8000C	04/12/17 00:00	04/12/17 18:09	1N/A/1N/A	1N/A/1N/A	NA
A7D0324-11	Soil	EPA 8000C	04/12/17 00:00	04/12/17 18:09	1N/A/1N/A	1N/A/1N/A	NA

Apex Laboratories

Philip Nerenberg

Philip Nerenberg, Lab Director

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K&S Environmental, Inc	Project/#: **Alan Campf/5773**	
4475 S.W. Scholls Ferry Rd #256		**Reported:**
Portland, OR 97225	Project Manager: Bill Knutson	04/14/17 13:39

Notes and Definitions

Qualifiers:

B-02	Analyte detected in an associated blank at a level between one-half the MRL and the MRL. (See Notes and Conventions below.)
F-11	The hydrocarbon pattern indicates possible weathered diesel, or a contribution from a related component.
R-02	The Reporting Limit for this analyte has been raised to account for interference from coeluting organic compounds present in the sample.
V-15	Sample aliquot was subsampled from the sample container. The subsampled aliquot was preserved in the laboratory within 48 hours of sampling.

Notes and Conventions:

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis. Results listed as 'wet' or without 'dry'designation are not dry weight corrected.
RPD	Relative Percent Difference
MDL	If MDL is not listed, data has been evaluated to the Method Reporting Limit only.
WMSC	Water Miscible Solvent Correction has been applied to Results and MRLs for volatiles soil samples per EPA 8000C.
Batch QC	Unless specifically requested, this report contains only results for Batch QC derived from client samples included in this report. All analyses were performed with the appropriate Batch QC (including Sample Duplicates, Matrix Spikes and/or Matrix Spike Duplicates) in order to meet or exceed method and regulatory requirements. Any exceptions to this will be qualified in this report. Complete Batch QC results are available upon request. In cases where there is insufficient sample provided for Sample Duplicates and/or Matrix Spikes, a Lab Control Sample Duplicate (LCS Dup) is analyzed to demonstrate accuracy and precision of the extraction and analysis.
Blank Policy	Apex assesses blank data for potential high bias down to a level equal to ½ the method reporting limit (MRL), except for conventional chemistry and HCID analyses which are assessed only to the MRL. Sample results flagged with a B or B-02 qualifier are potentially biased high if they are less than ten times the level found in the blank for inorganic analyses or less than five times the level found in the blank for organic analyses. For accurate comparison of volatile results to the level found in the blank; water sample results should be divided by the dilution factor, and soil sample results should be divided by 1/50 of the sample dilution to account for the sample prep factor. Results qualified as reported below the MRL may include a potential high bias if associated with a B or B-02 qualified blank. B and B-02 qualifications are not applied to J qualified results reported below the MRL.
---	QC results are not applicable. For example, % Recoveries for Blanks and Duplicates, % RPD for Blanks, Blank Spikes and Matrix Spikes, etc.
***	Used to indicate a possible discrepancy with the Sample and Sample Duplicate results when the %RPD is not available. In this case, either the Sample or the Sample Duplicate has a reportable result for this analyte, while the other is Non Detect (ND).

Apex Laboratories

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Apex Labs

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Tigard, OR 97223
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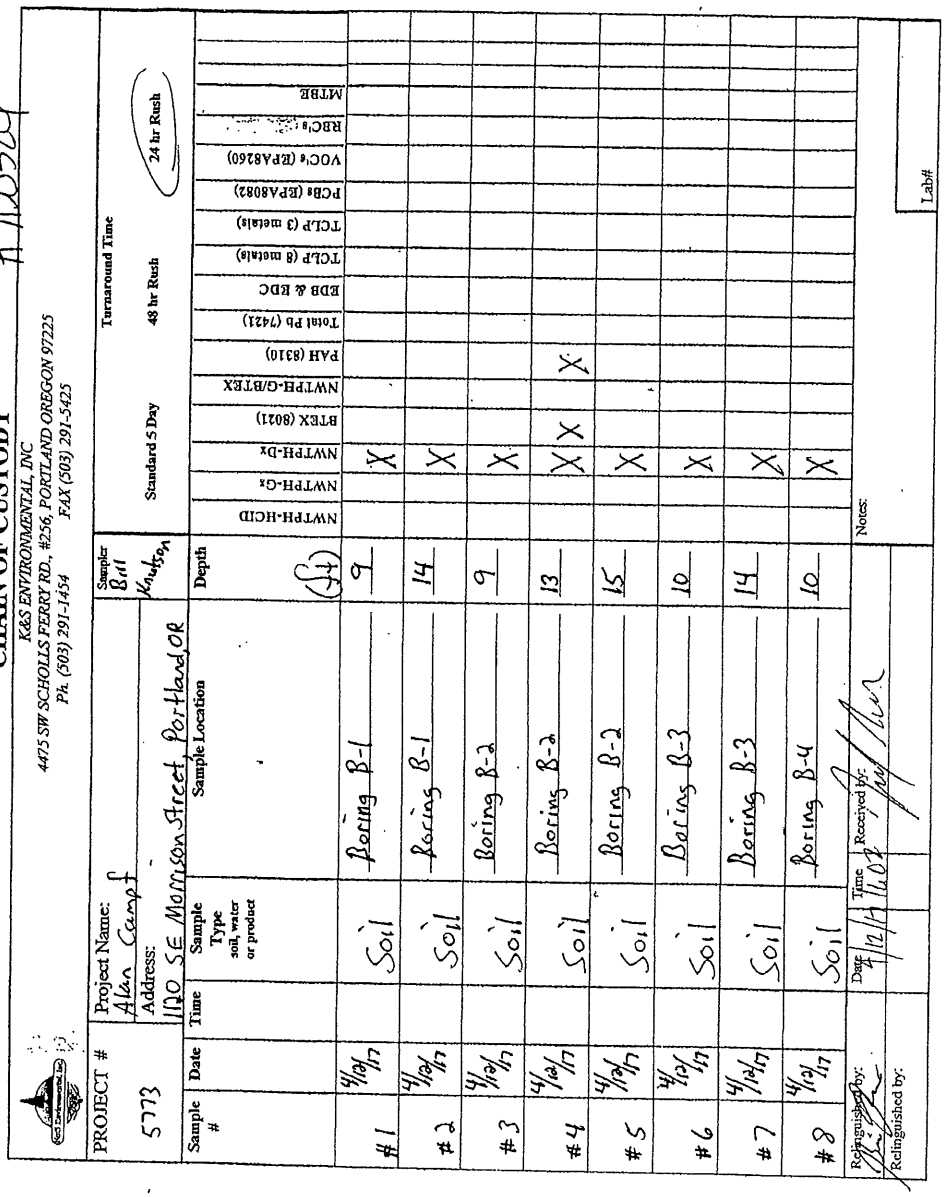
K&S Environmental, Inc	Project/#: **Alan Campf/5773**	
4475 S.W. Scholls Ferry Rd #256		**Reported:**
Portland, OR 97225	Project Manager: Bill Knutson	04/14/17 13:39



CHAIN OF CUSTODY

K&S ENVIRONMENTAL, INC
4475 SW SCHOLLS FERRY RD., #256, PORTLAND OREGON 97225
PH. (503) 291-1454 FAX (503) 291-5425

#AD0324

PROJECT # 5773
Project Name: Alan Campf
Address: 1110 SE Morrison Street, Portland, OR
Sampler: Bill Knutson

Turnaround Time: Standard 5 Day / 48 hr Rush / 24 hr Rush

Sample #	Date	Time	Sample Type soil, water or product	Sample Location	Depth	NWTPH-HCID	NWTPH-Gx	NWTPH-Dx	BTEX (8021)	NWTPH-G/BTEX	PAH (8310)	Total Pb (7421)	EDB & EDC	TCLP (8 metals)	TCLP (3 metals)	PCBs (EPA8082)	VOCs (EPA8260)	RBCs	MTBE	Lab#
#1	4/12/17		Soil	Boring B-1	9			X												
#2	4/12/17		Soil	Boring B-1	14			X												
#3	4/12/17		Soil	Boring B-2	9			X												
#4	4/12/17		Soil	Boring B-2	13			X	X		X									
#5	4/12/17		Soil	Boring B-2	15			X												
#6	4/12/17		Soil	Boring B-3	10			X												
#7	4/12/17		Soil	Boring B-3	14			X												
#8	4/12/17		Soil	Boring B-4	10			X												

Relinquished by: Date 4/12/17 Time 1102 Received by:
Relinquished by:

Notes:

Apex Laboratories

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Philip Nerenberg, Lab Director

Apex Labs

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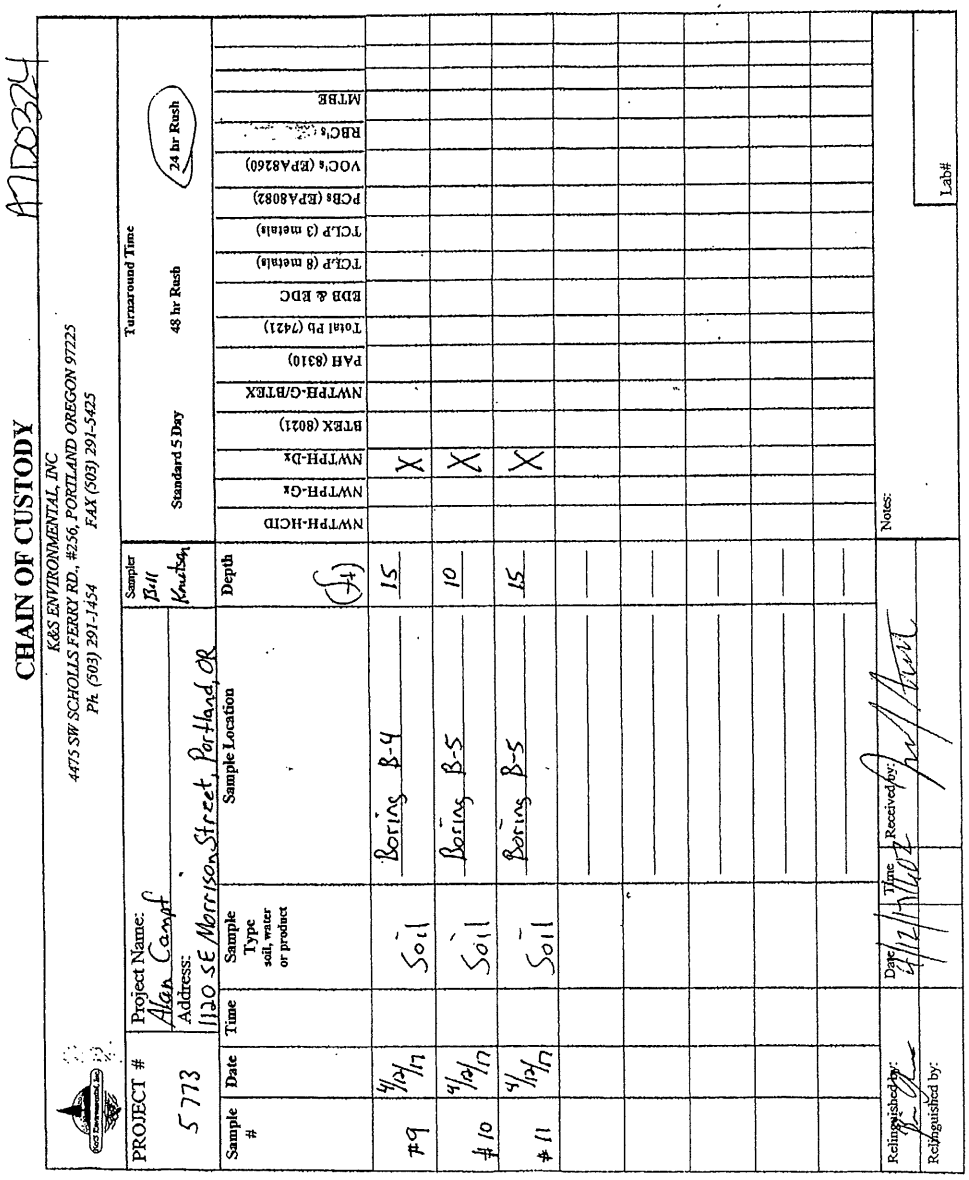
K&S Environmental, Inc	Project/#: **Alan Campf/5773**	
4475 S.W. Scholls Ferry Rd #256		**Reported:**
Portland, OR 97225	Project Manager: Bill Knutson	04/14/17 13:39



CHAIN OF CUSTODY

K&S ENVIRONMENTAL, INC
4475 SW SCHOLLS FERRY RD., #256, PORTLAND OREGON 97225
PH. (503) 291-1454 FAX (503) 291-5425

PROJECT # 5773
Project Name: Alan Campf
Address: 1120 SE Morrison Street, Portland, OR
Sampler: Bill Knutson

Turnaround Time: Standard 5 Day / 48 hr Rush / 24 hr Rush

Sample #	Date	Time	Sample Type: soil, water or product	Sample Location	Depth	NWTPH-HCID	NWTPH-Gx	NWTPH-Dx	BTEX (8021)	NWTPH-G/BTEX	PAH (8310)	Total Pb (7421)	EDB & EDC	TCLP (8 metals)	TCLP (3 metals)	PCBs (EPA8082)	VOCs (EPA8260)	RBCs	MTBE
#9	4/12/17		Soil	Boring B-4	15			X											
#10	4/12/17		Soil	Boring B-5	10			X											
#11	4/12/17		Soil	Boring B-5	15			X											

Notes:

Lab#

Relinquished by: Date 4/12/17 Time 1700 Received by:

Relinquished by:

Apex Laboratories

Philip Nerenberg

Philip Nerenberg, Lab Director

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K&S Environmental, Inc 4475 S.W. Scholls Ferry Rd #256 Portland, OR 97225	Project/#: **Alan Campf/5773** Project Manager: Bill Knutson	**Reported:** 04/14/17 13:39

APEX LABS COOLER RECEIPT FORM

Client: K&S Element WO#: A7 D0324

Project/Project #: 5773 / Alan Campf.

Delivery info:

Date/Time Received: 4/12/17 @ 1602 By: JS

Delivered by: Apex X Client ___ ESS ___ FedEx ___ UPS ___ Swift ___ Senvoy ___ SDS ___ Other ___

Cooler Inspection Inspected by: JS : 4/12/17 @ 1705

Chain of Custody Included? Yes X No ___ Custody Seals? Yes ___ No X

Signed/Dated by Client? Yes X No ___

Signed/Dated by Apex? Yes X No ___

	Cooler #1	Cooler #2	Cooler #3	Cooler #4	Cooler #5	Cooler #6	Cooler #7
Temperature (deg. C)	2.8						
Received on Ice? (Y/N)							
Temp. Blanks? (Y/N)							
Ice Type: (Gel/Real/Other)							
Condition:	good						

Cooler out of temp? (Y/N) Possible reason why: ___

If some coolers are in temp and some out, were green dot applied to out-of-temperature samples? Yes/No/NA

Samples Inspection: Inspected by: KM : 4/12/17 @ 1727

All Samples Intact? Yes X No ___ Comments: ___

Bottle Labels/COCs agree? Yes X No ___ Comments: No T on container

Containers/Volumes Received Appropriate for Analysis? Yes X No ___ Comments:

Do VOA Vials have Visible Headspace? Yes ___ No ___ NA X

Comments: ___

Water Samples: pH Checked and Appropriate (except VOAs): Yes ___ No ___ NA X

Comments: ___

Additional Information: ___

Labeled by: Witness: Cooler Inspected by: See Project Contact Form: Y

Final approval Partial Approval Approved w/ corrections Not approved Cancelled

Inspector/Date:

Test Bore / Core

CITY OF PORTLAND, OREGON
BUREAU OF TRANSPORTATION
DEVELOPMENT AND CAPITAL PROGRAM

Revocable Permit to Use Dedicated Street Areas at 1120 SE Morrison

Permit Number: TR-17-044
Performance Bond:
Issue Date: 4/5/2017
Void After: 4/5/2018
Insurance: 3862438
Street Bond: 2992252

• Permittee shall be responsible for obtaining an approved traffic control plan and permit to implement the traffic plan for the work zone covered under this permit. Submit your proposed traffic control plan for review to cpac@portlandoregon.gov five days prior to proposed work date. Work that requires closure of a street or lane shall not commence unless an approved traffic control plan and permit to implement the plan have been obtained. For questions about a permit to implement a traffic control plan contact 503-823-7365.
• Permittee must provide notification of proposed work schedule and request inspection for the permitted activity; contact Right-of-Way Inspection at 503.823.7002 opt#1 a minimum of two business days prior to beginning work and before 6am the day of inspection. Inspection not available on weekends and legal or city holidays.

The permittee applies for a revocable permit, in accordance with the attached conditions, provisions of Portland City Code Title 17 and the City Charter, for use of the street area on:

SE 11th Ave, from Morrison St to Belmont St

To drill 4 test bores, 3in. in diameter, 15ft. Deep.

Special Notes / Comments

SSM If tree roots will be disturbed during work, contact the Urban Forester to schedule an inspection at (503) 823-TREE (8733). If a parking sign must be relocated, contact Kelly Sills at (503) 823-5072. For parking permits in metered zones, call (503) 823-7365. For traffic control approval, contact the Permit Center at (503) 823-7365.

Permittee	Contractor	Primary Contact
K&S Environmental, Inc. 4475 SW Scholls Ferry Rd., #256 Portland, OR 97225 (503) 291-1454 x ksenvironmental@yahoo.com	Gregory Pacific Corp. 11650 SW 67th Avenue Suite 130 Portland, OR 97223 (503) 639-3887 x	Bill Knutson (503) 291-1454 x ksenvironmental@yahoo.com

Date:	Line Item:	Amount:	Balance:
3/29/2017	1 - FY16/17 Insurance processing fee(s) @ $23.21 ea	$23.21	$23.21
3/29/2017	1 - FY16/17 PWB Primary Review(s) @ $55 ea	$55.00	$78.21
3/29/2017	1 - FY16/17 Street Light Locate Fee(s) @ $110 ea	$110.00	$188.21
3/29/2017	1 - FY16/17 Test Bore(s) @ $408 ea	$408.00	$596.21
4/3/2017	K&S Environmental, Inc. - Receipt: 1095681.002	($596.21)	$0.00

APPROVED BY KYLIE THOMPSON
CONTINGENT UPON COVERING CITY CODE & FRANCHISES
OF THE CITY OF PORTLAND BUREAU OF TRANSPORTATION
Apr 05, 2017

December 20th, 2016

Adam Moore
City of Portland Bureau of Transportation
2929 N Kerby Avenue
Portland, Oregon 97227

RE: Heating Oil Underground Storage Tank Decommissioning
1120 SE Morrison Street, Portland, Oregon 97214
Trackit Number 1090867, NRC Job Number 108524

This letter summarizes the accompanying report of the heating oil underground storage tank (HOT) decommissioning project recently completed at the above address. The tank in question was taken out of service in the performance of this work.

EXECUTIVE SUMMARY

NRC Environmental Services (NRC) decommissioned by removal one approximately 1,000-gallon heating oil underground storage tank located at the commercial property at 1120 SE Morrison Street, in Portland, Oregon. Following are the results of the tank removal:

- One 1,000-gallon steel underground storage tank was removed from the ground over the period of November 14th to November 16th, 2016 and recycled at a scrap metal facility.
- Approximately 750 gallons of residual fuel and 250 gallons of water was removed from the tank and recycled at an oil recycling facility. An additional 1,250 gallons of water was removed from the tank and tank excavation during the project due to surface runoff.
- Evidence of a release was observed during the decommissioning and reported to Oregon DEQ. LUST log number 26-16-1462 was issued for this release.
- A total of 27.28 tons of contaminated soil was excavated from the subject property and transported for disposal at Waste Management's Hillsboro Landfill.
- Confirmation sampling of soils performed after removal activities indicate that there is petroleum hydrocarbon contamination present above regulatory thresholds in soil below the tank;
- No groundwater was encountered during excavation activities on the subject property;

Because there is a release associated with decommissioning of this tank, NRC recommends that further action be taken in regards to this tank decommissioning. This release has not been cleaned up to the standards contained in Oregon Administrative Rules (OAR 340-122-0250 through 340-122-0630).

Sincerely,

Bob Ransdell

Bob Ransdell
UST Decommissioning Supervisor
NRC Environmental Services
6211 N Ensign Street
Portland, Oregon 97217
Cell: 503-209-2209
Phone: 503-283-1150
Fax: 503-289-6588
E-mail: rransdell@nrcc.com

UNDERGROUND STORAGE TANK REMOVAL

A. Introduction

NRC Environmental Services (NRC) decommissioned by removal one 1,000-gallon heating oil underground storage tank uncovered during construction work to repair signal equipment at the northeast corner of SE 11th Avenue and Belmont Street in Portland, Oregon. All work was completed in accordance with local, state, and federal UST regulations, along with typical industry protocols. This report summarizes the tank decommissioning activities and presents the findings of the site assessment associated with this investigation.

B. Licenses and Permits

The Supervisor, Perry Stayton is certified in the State of Oregon to provide underground storage tank Decommissioning services (Decommissioning License #12449, expires 05-11-2017) and Heating Oil Tank services (License #24952, expires 05-11-2017). The Contractor is a licensed Heating Oil Tank Service Provider (License #26680, expires 06-05-2017) and licensed UST Service Provider (License #26253, expires 09-28-2018). Copies of these licenses are provided in Appendix A.

C. Site Background

The subject property is occupied by a commercial warehouse. The tank in question was unknown at the time of its discovery during unrelated construction work. The size, configuration and connections to the tank are consistent with the presumed use to contain heating oil for consumptive use on the premises.

The tank in question was discovered during construction work related to install or repair traffic signal equipment. The tank was partially exposed by these site activities but exposing the remaining tank, pumping, cutting, cleaning and removal of the tank shell and excavation of petroleum-contaminated soil were all supervised by NRC decommissioning supervisors.

D. Tank Removal and Contaminated Soil Excavation:

a. Initial Discovery, November 1st, 2016:

On November 1st, 2016, NRC received notification at 10:58 hours from the City of Portland Bureau of Transportation (PBOT) that an abandoned underground storage tank had be uncovered during unrelated construction activities on the northeast corner of SE 11th Avenue and SE Belmont Street. NRC responded by dispatching a licensed heating oil tank decommissioning supervisor to the site to discuss options for continuing work on the site, arriving on site at 13:50 hours. NRC supervisor Perry L. Stayton observed an approximately 40" deep excavation in the city sidewalk that exposed the top of a steel tank. The tank had been damaged by excavation equipment and some heating oil released. The estimated quantity released was approximately 20 gallons. Refer to the vicinity map of the site included as Appendix B of this report.

NRC mobilized a 70-bbl vacuum truck to the site to remove residual fuel from the tank. A total of 750 gallons of fuel and 200 gallons of water were removed from the tank and placed in totes or drums for temporary storage during characterization. Because the location of the abandoned tank was immediately adjacent to several ballot drop-off boxes which were scheduled to remain in place through the upcoming elections, PBOT representative Adam Moore instructed NRC personnel to

schedule to resume work on the tank system decommissioning after the election. NRC personnel demobilized from the site at 14:30 hours.

A sample of the water and oil was submitted on November 3rd, 2016 for PCB analysis using EPA method 8082 and for regulated metals using EPA method 6020. The results of this analysis is shown in report A6K0205, which is attached as Appendix C of this report and show that no PCBs or regulated levels of metals are present in the waste removed from the tank.

b. Removal Activities, November 14th – 16th, 2016

On November 14th, 2016, NRC mobilized to the project site to oversee decommissioning of this tank by removal using excavation equipment belonging to signal contractor Titan. Additional concrete sidewalk and concrete crosswalk signal footings were cut and removed. Clean overburden soils were removed using excavation equipment and loaded to a Titan dump truck. The tank was found to have filled with water during the intervening period, and a 70-bbl vacuum truck was mobilized to remove water. During removal of clean overburden soils, indications of petroleum-contaminated soil were observed, and contaminated soil was segregated from clean overburden soils. NRC mobilized a roll-off truck and 20-cy roll-off bin to provide temporary storage and approximately 6 cubic yards of petroleum-contaminated soil was removed from the excavation.

On November 15th, 2016, NRC remobilized to the project site to continue exposing the tank. Additional petroleum-contaminated soil was removed and loaded into roll-off bins. The tank interior was checked for flammable or explosive atmospheres and was found to be safe to handle. The top of the tank was cut open and residual tank sludge was removed using the excavator, placing the sludge into the roll-off bin with contaminated soil. The top of the tank was approximately 42 inches below ground surface (bgs). The tank was observed to be 12 feet in length, and 44 inches in diameter.

The tank was removed from the excavation with the excavator. During an inspection of the tank shell after removal, significant corrosion or pitting was noted, and several holes were observed in the tank shell approximately half-way up the side. Subsurface soils in the vicinity of the tank were observed to have signs of a release, including staining, grey color and olfactory indications. Groundwater was not observed at the elevation of the tank bottom in the tank nest. No tank vent piping, supply or return lines were present or required to be removed, but the tank fill piping was in place and was removed with the tank shell.

On November 16th, additional petroleum-contaminated soil was removed from the excavation and soil sampling was conducted. At the request of City of Portland Bureau of Environmental Services representative John O'Donovan, excavation of contaminated soil was halted at approximately 12:00 hours so as to avoid endangering the adjacent roadway or structures and backfill of the excavation was begun. NRC personnel demobilized equipment and personnel from the site.

c. Soil Sampling Activities, November 16th, 2016

At the completion of soil excavation activities, NRC obtained seven samples of soils from the tank excavation, four from sidewalls at a depth of 9' below ground surface (bgs) and three from the excavation bottom. The excavation floor was sampled in two locations at 11' bgs, and a test pit was installed at one of those locations at an elevation 3' deeper than the excavation floor (14' bgs). An additional sample was obtained from contaminated soil as a characterization sample. Soil samples were collected using the excavator bucket.

Soil obtained from the excavator bucket was handled with new pair of disposal nitrile gloves and placed in pre-cleaned 8-oz glass jars with Teflon-lined lids. Sample containers were labeled and placed in a chilled, insulated container for transport under a Chain-of-Custody to the analytical laboratory. Samples were analyzed for petroleum hydrocarbons using the method NWTPH-Dx

(diesel-range petroleum hydrocarbons). Field screening was conducted on soil samples by visual observation and sheen testing. A copy of the report of laboratory analysis is included in Appendix D of this report and summarized in Table 1 below. Refer to maps of the site in Appendix B for locations of soil samples.

Table 1: Results of Soil Sampling Laboratory Analysis

Sample ID	Depth (feet)	Sample Date/ Time	Location	NWTPH-Dx Result (mg/kg)	
				Diesel Range	Heavy Oil Range
HOT-North Pit Bottom	10.7	11/16/16 0847	Excavation Floor North	1,490	ND < 50.0
HOT-South Pit Bottom	11.7	11/16/16 0945	Excavation Floor South	10,400	ND < 862
HOT-South Pit Bottom 14'	14	11/16/16 1016	Excavation Floor South	396	ND < 50.0
HOT-West Pit Wall	9	11/16/16 1024	Excavation Wall West	3,610	ND < 246
HOT-South Pit Wall	9	11/16/16 1043	Excavation Wall South	10,900	ND < 263
HOT-East Pit Wall	9	11/16/16 1045	Excavation Wall East	9,110	ND < 250
HOT-North Pit Wall	9	11/16/16 1048	Excavation Wall North	217	ND < 50.0
HOT-NRC Box #3342	NA	11/16/16 1055	Stockpiled Contam. Soil	14,500	ND < 239

ND – Non-Detect

E. Waste Management

Approximately 750 gallons of heating oil and 250 gallons of water was removed from the HOT prior to removal of the tank shell. An additional 1,250 gallons of water was removed from the tank shell and excavation during removal due to accumulation of surface runoff in the excavation. This waste was transported for disposal to the Oil Re-Refining facility in Portland, Oregon. Copies of the receiving record for disposal are included as Appendix E of this report.

The steel tank shell was recycled for scrap value at Metro Metals Northwest. A copy of the scrap metal receipt is included as Appendix F of this report. Copies of the landfill scale tickets for disposal of petroleum-contaminated soil are included as Appendix G of this report.

F. Summary

NRC Environmental Services (NRC) decommissioned by removal one approximately 1,000-gallon heating oil underground storage tank located at the commercial property at 1120 SE Morrison Street, in Portland, Oregon. Following are the results of the tank removal:

- One 1,000-gallon steel underground storage tank was removed from the ground over the period of November 14th to November 16th, 2016 and recycled at a scrap metal facility.

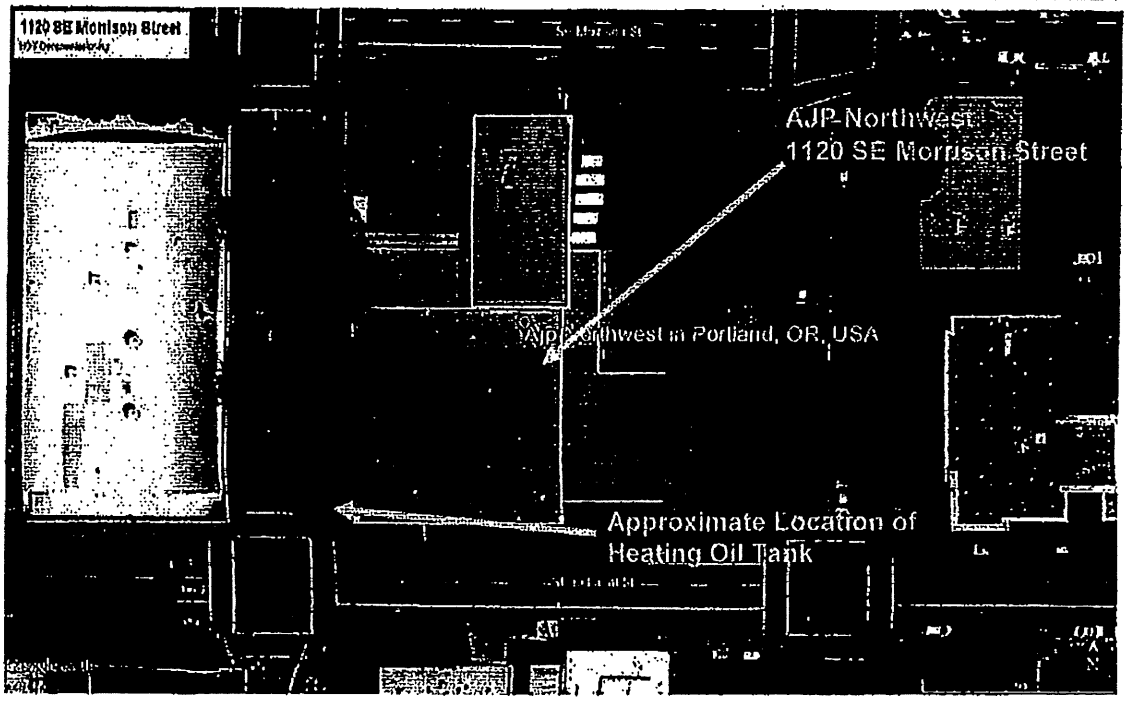
- Approximately 750 gallons of residual fuel and 250 gallons of water was removed from the tank and recycled at an oil recycling facility. An additional 1,250 gallons of water was removed from the tank and tank excavation during the project due to surface runoff.
- Evidence of a release was observed during the decommissioning and reported to Oregon DEQ. LUST log number 26-16-1462 was issued for this release.
- A total of 27.28 tons of contaminated soil was excavated from the subject property and transported for disposal at Waste Management's Hillsboro Landfill.
- Confirmation sampling of soils performed after removal activities indicate that there is petroleum hydrocarbon contamination present above regulatory thresholds in soil below the tank;
- No groundwater was encountered during excavation activities on the subject property;

Because there is a release associated with decommissioning of this tank, NRC recommends that further action be taken in regards to this tank decommissioning. This release has not been cleaned up to the standards contained in Oregon Administrative Rules (OAR 340-122-0250 through 340-122-0630). Refer to photos of tank decommissioning activities included as Appendix F of this report.

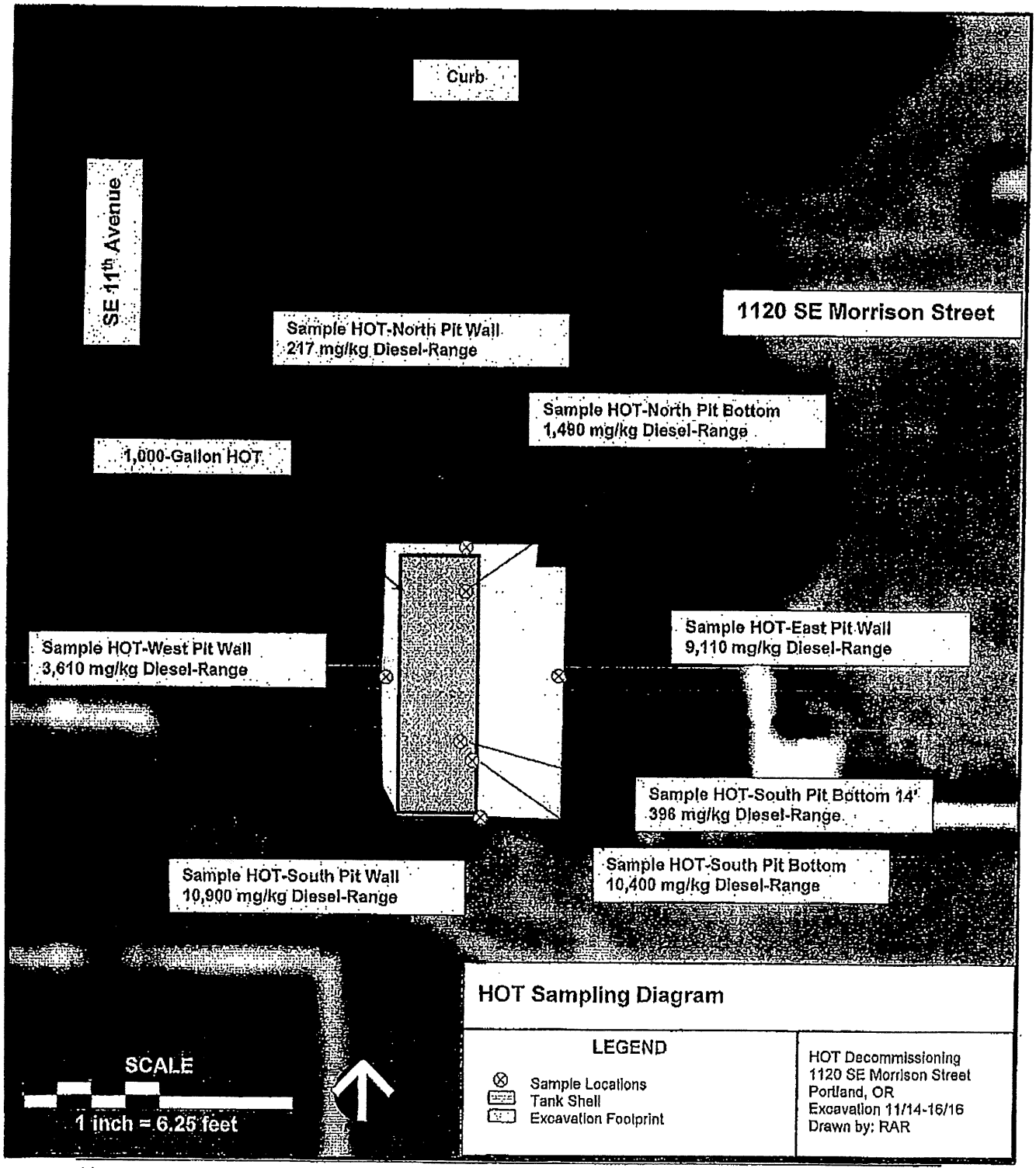
Sincerely,

Bob Ransdell

Bob Ransdell
Oregon UST Decommissioning Supervisor, License # 15545
Oregon Heating Oil Tank Supervisor License #18633
Oregon Soil Matrix Supervisor, License #15546
NRC Environmental Services
6211 N Ensign Street
Portland, Oregon 97217
Cell: 503-209-2209
Phone: 503-283-1160
Fax: 503-289-6568
E-mail: rransdell@nrcc.com



Vicinity Map:
Tank Removal Site: 1120 SE Morrison Street, Portland, Oregon


Curb
SE 11th Avenue
1120 SE Morrison Street
Sample HOT-North Pit Wall
217 mg/kg Diesel-Range
Sample HOT-North Pit Bottom
1,480 mg/kg Diesel-Range
1,000-Gallon HOT
Sample HOT-West Pit Wall
3,610 mg/kg Diesel-Range
Sample HOT-East Pit Wall
9,110 mg/kg Diesel-Range
Sample HOT-South Pit Bottom 14'
396 mg/kg Diesel-Range
Sample HOT-South Pit Wall
10,900 mg/kg Diesel-Range
Sample HOT-South Pit Bottom
10,400 mg/kg Diesel-Range
SCALE
1 inch = 6.25 feet
HOT Sampling Diagram
LEGEND
Sample Locations
Tank Shell
Excavation Footprint
HOT Decommissioning
1120 SE Morrison Street
Portland, OR
Excavation 11/14-16/16
Drawn by: RAR

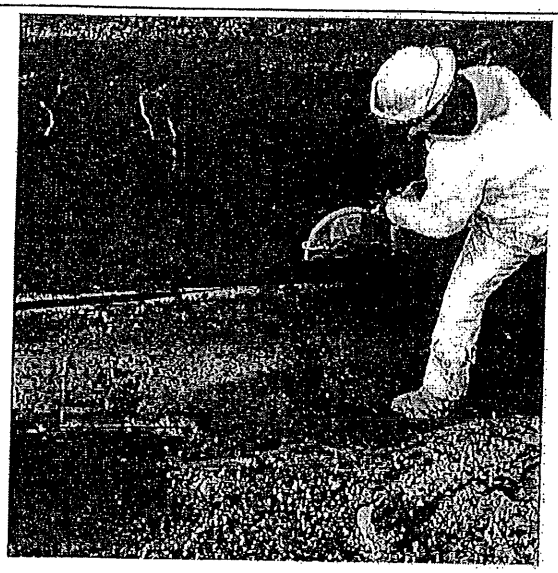


Photo 5: Cutting tank shell prior to cleaning.

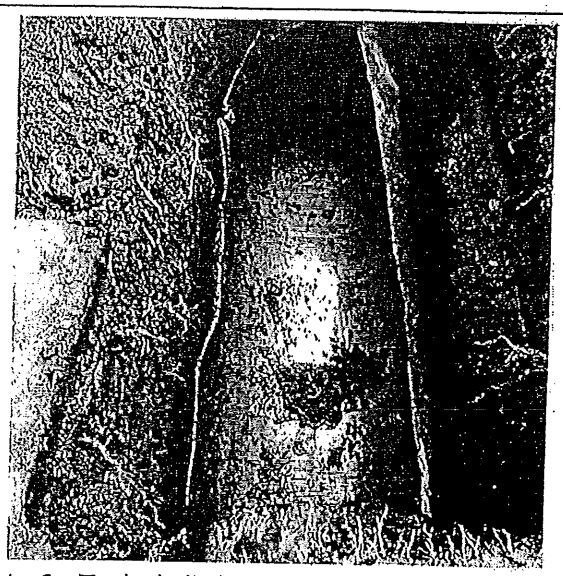


Photo 6: Tank shell cleaned and ready for removal.

Photo 7: Removal of tank shell from excavation.

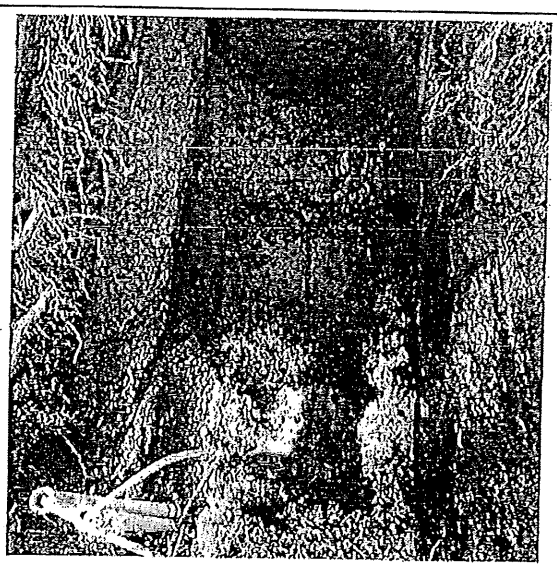


Photo 8: Excavation after removal of tank shell.

Photo 5: Corrosion holes in tank shell.

Photo 6: Removal of petroleum-contaminated soil (PCS).

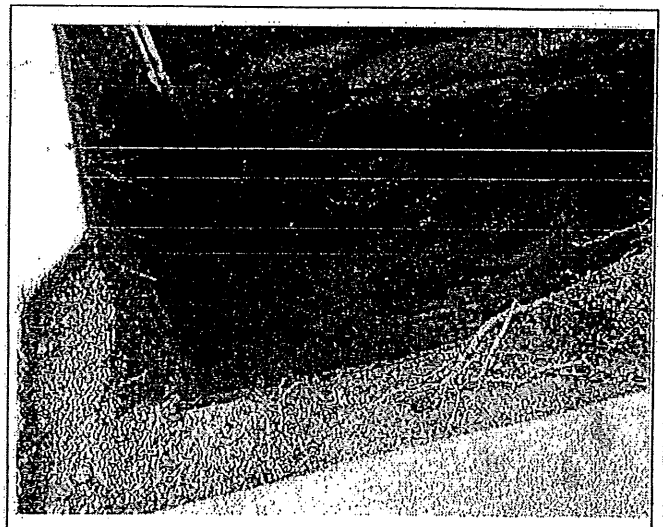


Photo 11: Excavation of PCS nearly complete.

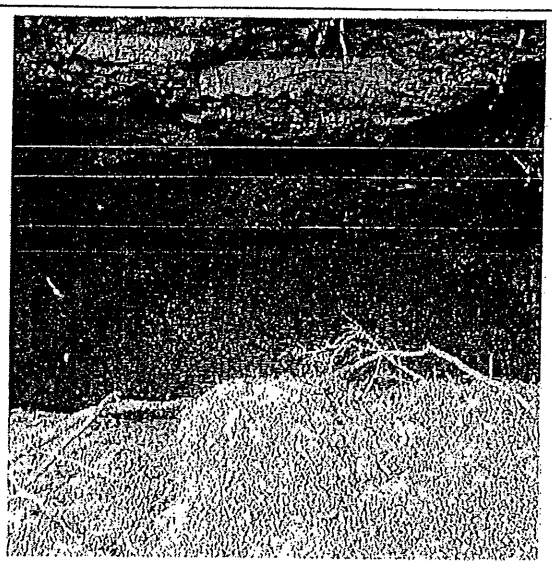


Photo 12: Beginning to backfill excavation, 11/16/16

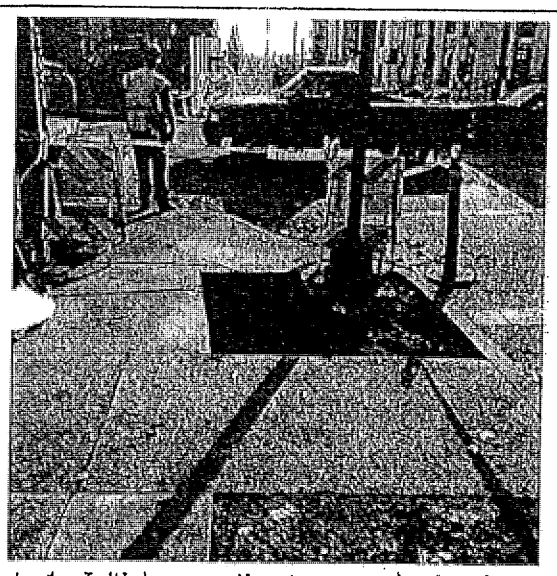


Photo 1: Initial excavation to upgrade signal equipment shown where unknown tank was encountered.

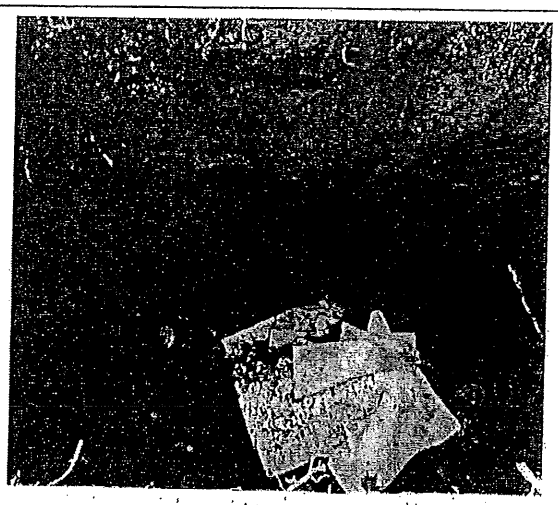


Photo 2: Tank shell leaked product from damage sustained during initial excavation activities.

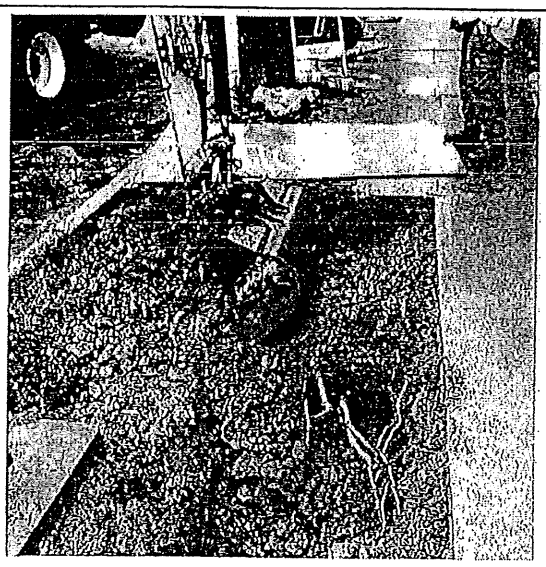
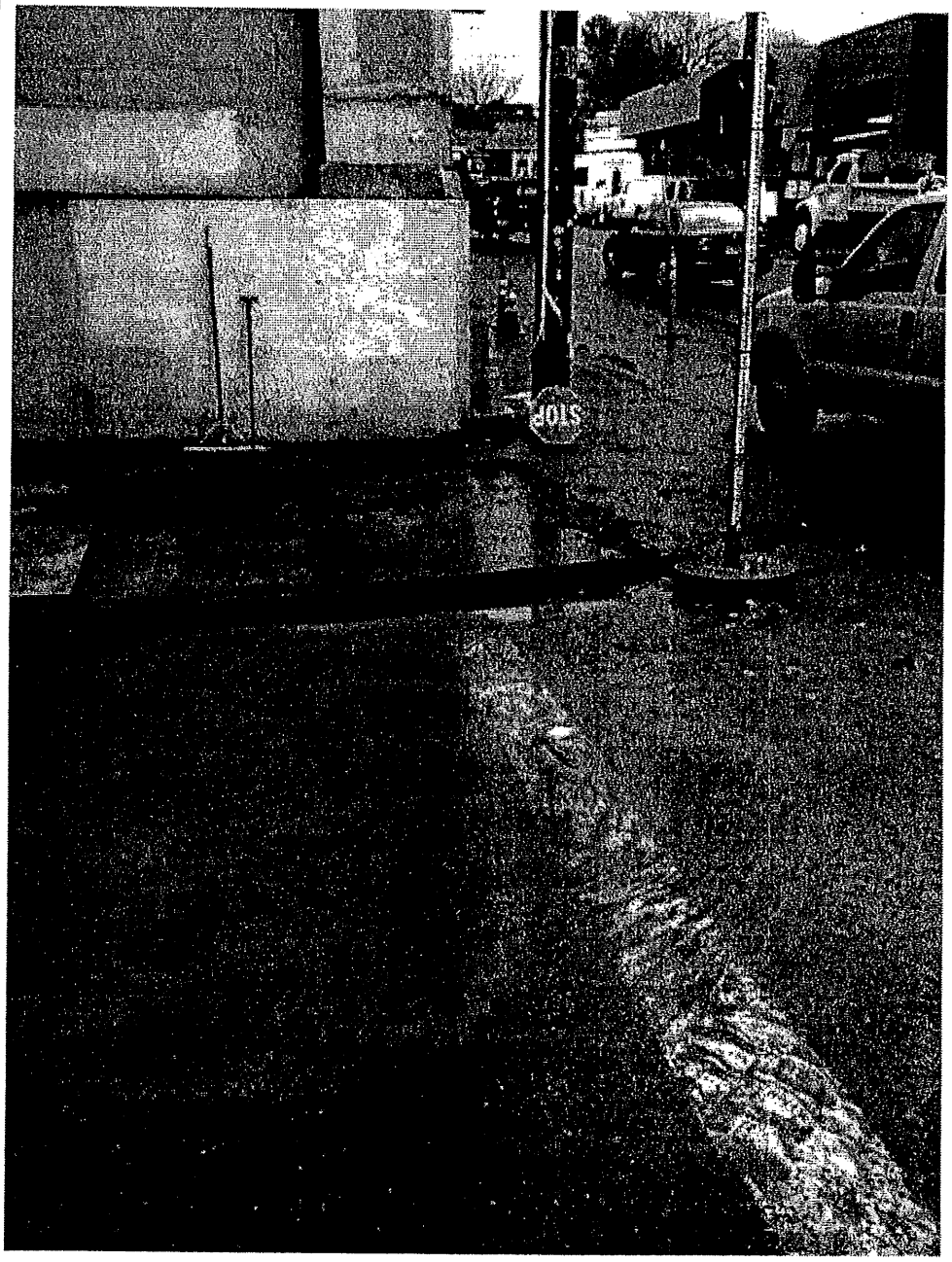
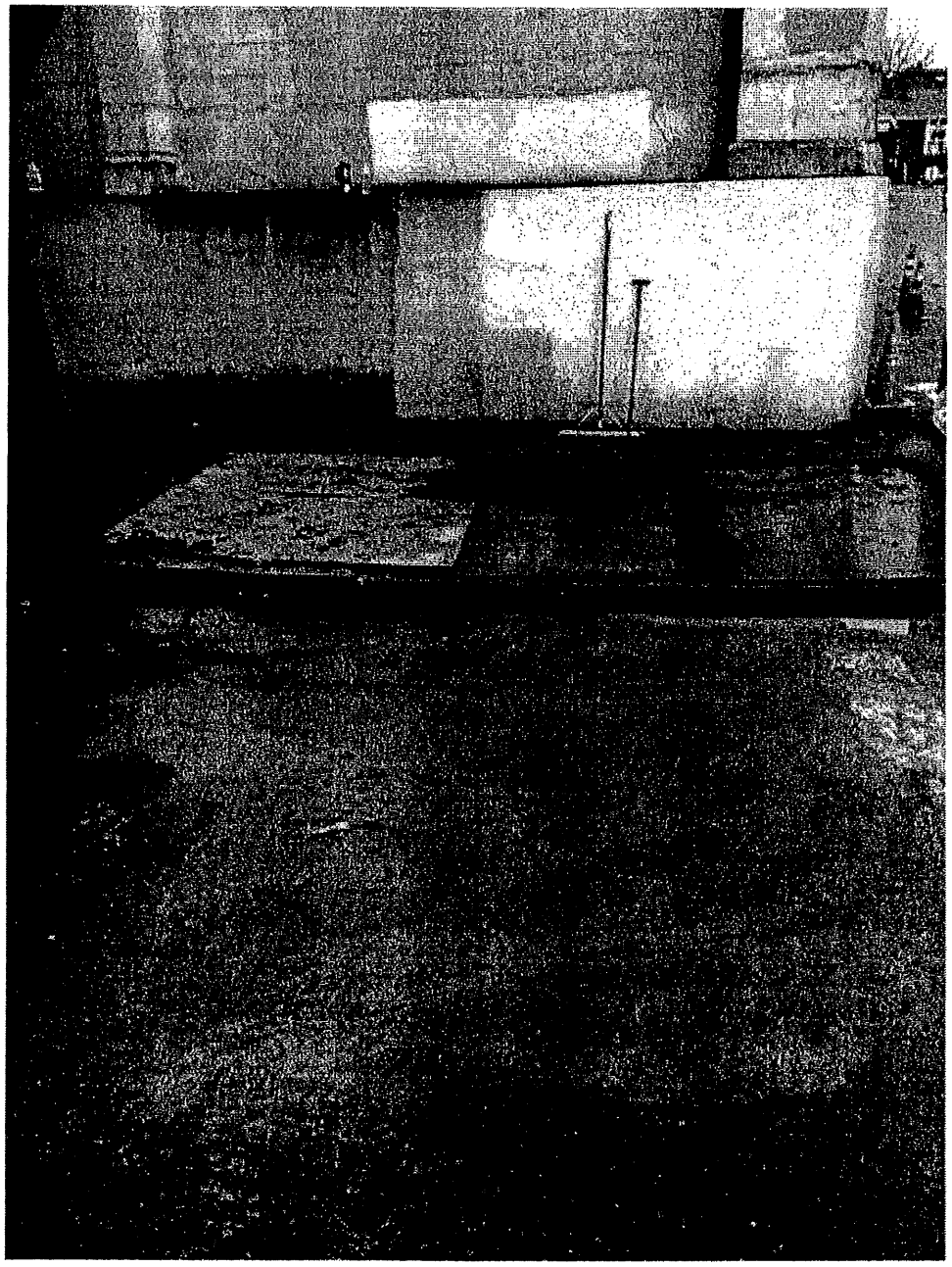


Photo 3: Exposing tank after removal of concrete sidewalk.

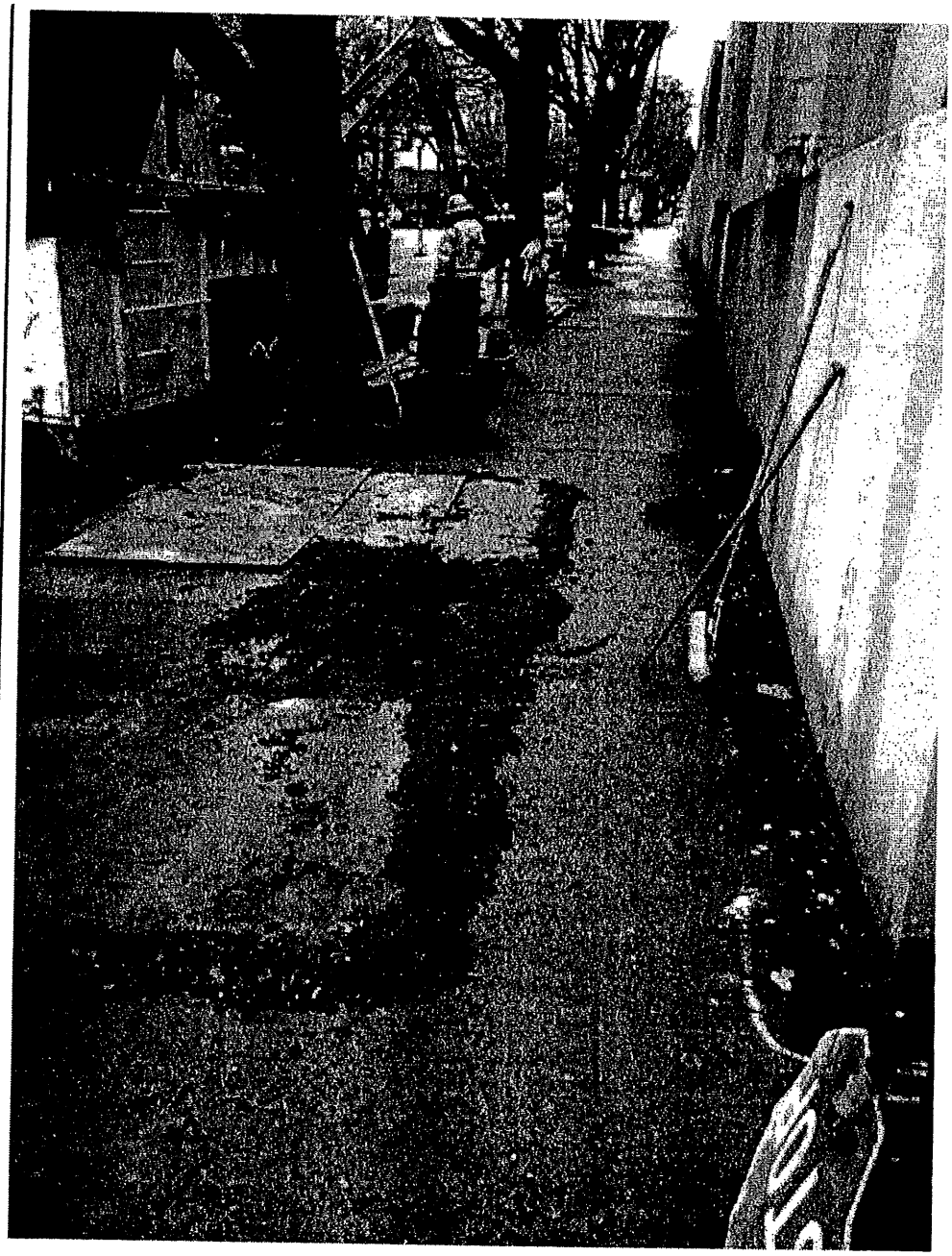
Photo 4: Tank exposed showing damage from initial excavation activities.



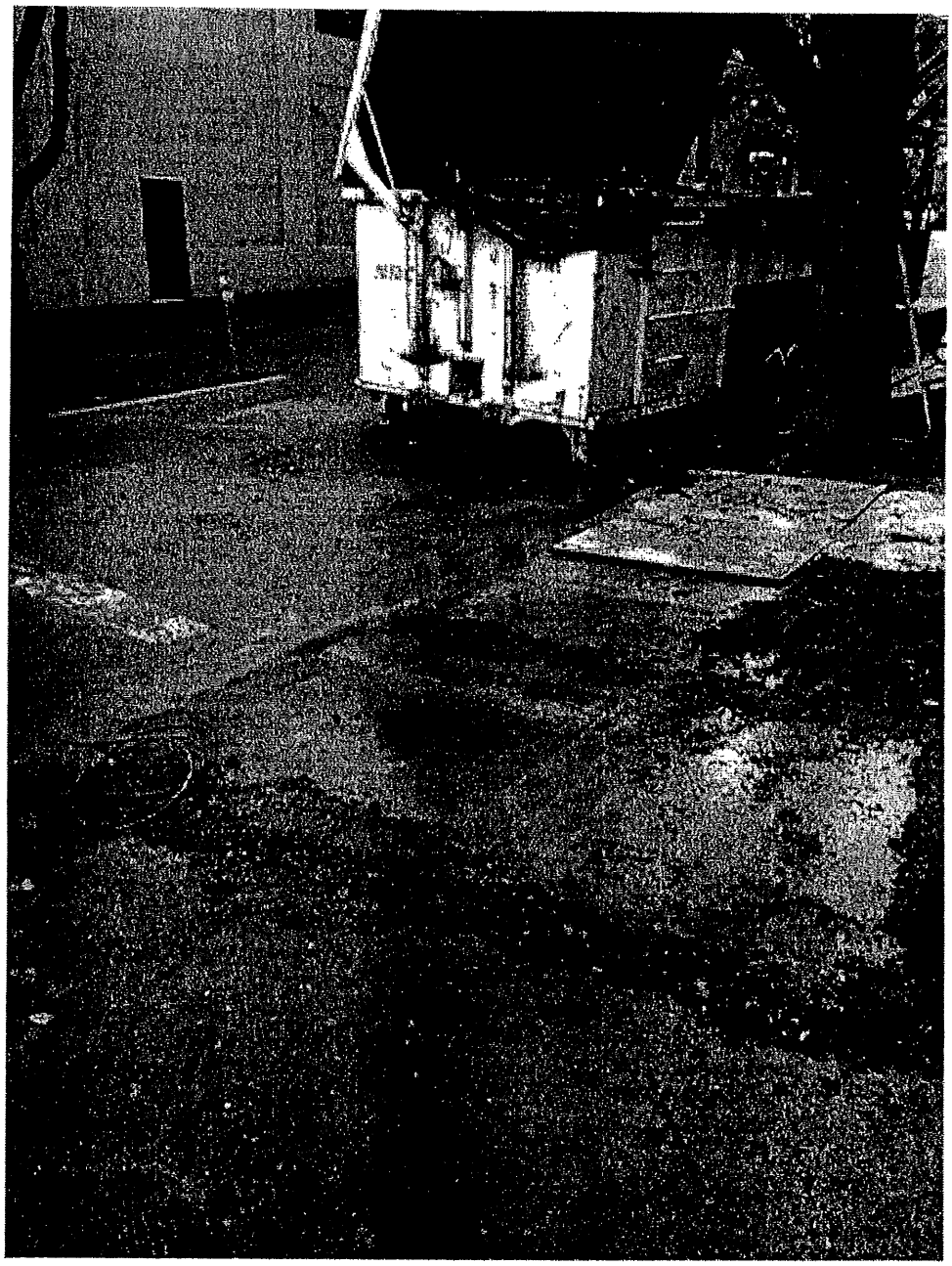
Looking East



Looking East



Looking North



Looking NW

METRO METALS NORTHWEST, INC.
5611 N.E. Columbia Blvd.
Portland, Oregon 97218
(503) 287-8861

KeyBank

2387175

24-201/1230

2387175

PAY TO THE ORDER OF NRC ENVIRONMENTAL SERVICES

Nov. 15, 2016

$ ***30.81

***30 Dollars and 81 Cents DOLLARS

TWO SIGNATURES REQUIRED OVER $5,000 DOLLARS

NRC ENVIRONMENTAL SERVICES
6211 ENSIGN ST
PORTLAND, OR 97217

AUTHORIZED SIGNATURE

AUTHORIZED SIGNATURE

ORIGINAL CHECK IS PRINTED ON CHEMICAL REACTIVE PAPER WHICH CONTAINS A WATERMARK

⑈2387175⑈ ⑆123002061⑆ 37968604513 2⑈

METRO METALS NORTHWEST, INC.: FERROUS

Date: 11/15/2016

2387175

Vendor: 3470 NRC ENVIRONMENTAL SERVICES

Ticket#: 660160

2387175

Paid To: NRC ENVIRONMENTAL SERVICES

Total Wt: 741

Descrip:

Truck# Notes:

Tot.Paid: $30.81

Commodity	Gross	Tare	Tare2 Costam	Net UM	Price	Total
#2 Steel Unprepared	14,460	13,720		740 N	88.00	32.56
Environmental Surcharge	1			1 EA	-1.75	-1.75

NRC Project # 108524 P BOT

WASTE MANAGEMENT

Hillsboro Landfill, Inc
3205 SE Minter Bridge
Hillsboro, OR, 97123
Ph: (503) 640-9427

Original
Ticket# 1429612

Customer Name NRCENVSERVIC NRC ENVIRONMENTA Carrier NRC
Ticket Date 12/19/2016 Vehicle# 2082 Volume
Payment Type Credit Account Container
Manual Ticket# Driver BLAEC
Hauling Ticket# Check#
Route Billing # 0002240
State Waste Code Gen ERA ID N/A
Manifest NA
Destination Grid
PO 108524
Profile 1232350R (LF02 - petroleum contaminated soil)
Generator OR-CITY OF PORTLAND 1120 SE CITY OF PORTLAND 1120 SE MORRISON, PORTLAND OR 9

	Time	Scale	Operator	Inbound		
In	12/19/2016 11:17:13	Inbound 2	kbeffle		Gross	53400 lb
Out	12/19/2016 12:30:58	Outbound	stannery		Tare	38920 lb
					Net	14480 lb
					Tons	7.24

Comments:

Consumer Comments? We want to know. Please call.

	Product	LDX	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVELSERVP RGCPCB	100	7.24	Tons	34.82		4258.10	MULT-ER

Total Tax
Total Ticket 4258.10

Driver's Signature Jesse Alvarez

403WM

WASTE MANAGEMENT

Hillsboro Landfill, Inc
3205 SE Minter Bridge
Hillsboro, OR, 97123
Ph: (503)-640-9427

Original
Ticket# 1427596

Customer Name NRCENVSERVIC NRC ENVIRONMENTA
Ticket Date 11/22/2016
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 10R524PBU1 SDIL
Destination
PO 108524
Profile 1232350R (LF02 - petroleum contaminated soil)
Generator OR-CITY OF PORTLAND 1120 SE CITY OF PORTLAND 1120 SE MORRISON, PORTLAND OR 9

Carrier NRC
Vehicle# 2060
Container
Driver JORGE
Check#
Billing # 00002249
Gen EPA ID N/A
Grid

Volume

	Time	Scale	Operator	Inbound		
In	11/22/2016 14:59:46	Inbound 2	mrapps14		Gross	48020 lb
Out	11/22/2016 15:02:14	Outbound	JPRIME		Tare	33080 lb
					Net	14940 lb
					Tons	7.47

Comments

Consumer Comments? We want to know. Please call.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP 48CPCS-	100	7.47	Tons	34.82		$260.11	MULT-IN

Total Tax
Total Ticket $260.11

Driver's Signature Jorge Alvarez

403WM

E

40112980

ORRCO Oil Re-Refining Company

Oil Re-refining Company, Inc
4150 N Suttle Road
Portland, OR 97217-7717

Invoice

Date	Invoice #
11/16/2016	392417

Bill To

NRC Environmental
ATTN: Accounts Payable
3500 Sunrise Hwy, Suite 200, Building 200
Great River, NY 11739

Ship To

Job#108524

BR

Resell Expires

Option	P.O. Number	Terms	Due Date	Ship Date	Bill of Lading	Account #
Email & Mail		10 Days Net	11/26/2016	11/14/2016	01161114010	3716

Item Code	Description	U/M	Quantity	Price Each	Amount
Hydro Clor D T...	Hydro Clor D Test Test	Ea	1	30.00	30.00
Emulsified Fuel ...	Emulsified Fuel - Gallons	Gal	2,250	0.30	675.00

Total $705.00

Phone #	Fax #	E-mail
503-546-3560	503-286-5027	KIMBERLYH@ORRCO.BIZ

We accept all major credit cards.

06

K&S Environmental, Inc.

4475 SW Scholls Ferry Rd., #256 ▲ Portland, OR 97225
(503) 291-1454 ▲ Fax 291-5425

June 6, 2017

Mike Kortenhoff
Oregon DEQ
700 Multnomah Street, #600
Portland, OR 97232

Re: File No: 26-16-1462

Dear Mr. Kortenhoff:

K&S Environmental recently submitted a heating oil underground storage tank certification and report pertaining to property located at 1120 SE Morrison Street in Portland, OR. Please note that this certification and report was prepared for Campf Properties Limited Partnership, which is the owner of the property, rather than Mr. Alan Campf individually. Accordingly, we would appreciate DEQ re-issuing the May 5, 2017 correspondence in which DEQ states it has registered the certification and report and closed DEQ's file, so that it is addressed to the following. The revised certification papers are included.

Campf Properties Limited Partnership
Attn. Alan Campf
1120 SE Morrison
Portland, OR 97214

Thank-you,

Bill Knutson
K&S Environmental, Inc.

K&S Environmental, Inc.

4475 SW Scholls Ferry Rd., #256 ▲ Portland, OR 97225
(503) 291-1454 ▲ Fax 291-5425

Heating Oil Tank Service Provider Certification

Tank Owner Name: Campf Properties Limited Partnership
Date of Report Certification: April 21, 2017
Tank Site Address: 1120 SE Morrison St., Portland OR 97214
Tank Owner Address: 1120 SE Morrison St., Portland, OR 97214
DEQ Cleanup File Number: 26-16-1462

Type of Project: Risk-Based Cleanup

K&S Environmental, Inc. has performed heating oil tank services at the above property and certifies that the work performed meets the appropriate requirements of OAR 340-122-205 through 340-122-360 and OAR Chapter 340, Division 177.

Based on information and belief formed after reasonable inquiry, the heating oil tank services performed under this certification were conducted in compliance with all applicable federal, state, and local laws.

K&S Environmental, Inc. is currently insured as required by OAR 340-163-0050.

Signed By: _____ Date Signed: 6/06/17
Bill Knutson, President

Licensed Service Provider Company Name: **K&S Environmental, Inc.**

Service Provider License Number: **16479** Expiration Date: **3/15/18**

Oregon
Kate Brown, Governor

Department of Environmental Quality
Northwest Region
700 NE Multnomah Street, Suite 600
Portland, OR 97232
(503) 229-5263
FAX (503) 229-6945
TTY 711

November 03, 2016

Alan Campf
1120 SE Morrison St
Portland, OR 97214

RE: Campf, Alan
File No.: 26-16-1462

A release was reported from an underground heating oil tank (HOT) system located at 1120 SE Morrison St in PORTLAND, Oregon. As the responsible party for the property, you are required to clean up the heating oil release according to Oregon Administrative Rules (OAR) OAR 340-177-0001 through OAR 340-177-0095. These rules require cleaning up the soil, groundwater, surface water, soil vapor, and any other media contaminated by heating oil to the appropriate standards or demonstrating that the contamination does not pose a risk to human health or the environment.

Please reference the Department of Environmental Quality (DEQ) File Number listed on this letter in all future correspondence and reports.

A copy of the HOT cleanup regulations will be provided upon request by calling 1-800-742-7878. This information is also available at DEQ's web site, http://www.deq.state.or.us/lq/tanks/index.htm As the responsible party, you should be aware of the requirements for cleanup, even if you have hired a licensed contractor to assist you.

Any contractor hired to perform assessment, decommissioning, or cleanup activity must be a DEQ Licensed HOT Contractor. Licensed contractors are required to have insurance and certify that their projects meet criteria established by DEQ. After the project has been certified, the Department may audit the cleanup. Audits typically take place within two years of completion of the project and involve a detailed review of the cleanup project. Exceptions to the two-year time frame could occur when major problems are noted with a contractor's work. When a cleanup has been improperly certified, the DEQ will require the contractor and the client to resolve the outstanding issues and to re-certify the cleanup.

Projects requiring long term monitoring, treatment, or engineering controls are encouraged to enter into a technical assistance agreement to complete a cleanup that meets the standards of Oregon Revised Statute (ORS) 465.315. For information regarding complex site cleanup, please visit DEQ's web site, http://www.deq.state.or.us/lq/tanks/hot/index.htm.

Property owners or contractor on owner's behalf must register their project certification with DEQ. This is accomplished by sending the certification and the report on the cleanup to DEQ with a $200 registration fee. Once the DEQ receives this information, it registers the certification and sends a letter acknowledging receipt of this information. This usually occurs within two weeks of receiving all of the required information.

3131

FORM W 271-1
(7-66)

CITY OF PORTLAND, OREGON
DEPARTMENT OF PUBLIC WORKS
BUREAU OF MAINTENANCE
SEWER BRANCH

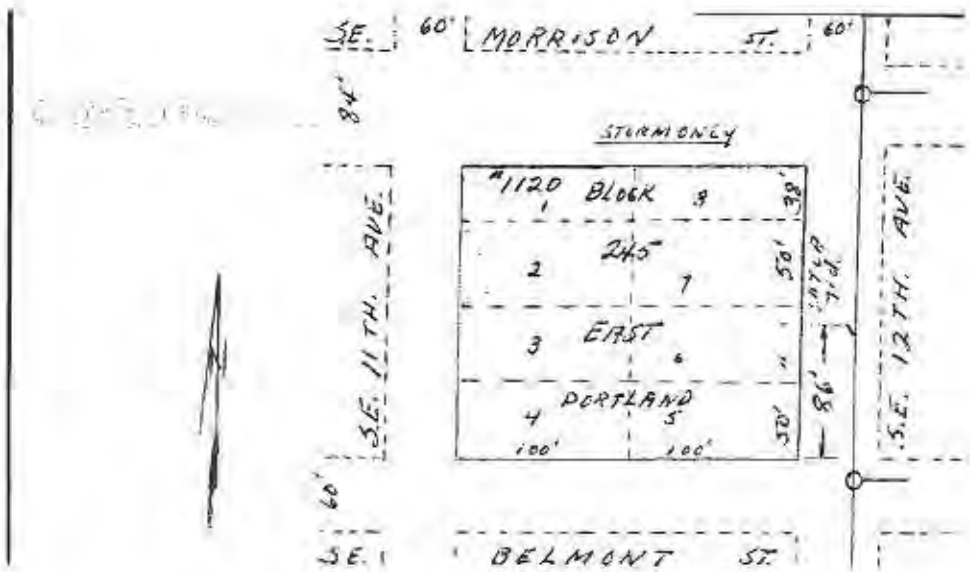
Pmt. No. 84686

Date 8-2-67

Location 1120 SE Morrison St.
Between SE 12th & SE 11th Aves.
Addition East Portland Add. Lot All Blk. 245
Applicant DeTemple Co. Remarks Storm only

6" TCP to br. in parking 86' N of the N/L of SE Belmont St. 7' Deep at curb.

Inspected 8-2 19 67 By Grossi
Book 1 Page 265 New ✓ Repair


SE.
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S.E. 12TH. AVE.
SE.
BELMONT
ST.

City of Portland, Oregon
BUREAU OF FIRE—FIRE PREVENTION DIVISION
101 CITY HALL

Oil Burner Permit Application

Permit No. 2341-F

Fee $1.00 must accompany application. Make check payable to Linwood B. Cornell, City Treas.

Date 5/11 1946

Address 821 S.E. 12th Ave. Occupancy Dwelling

Installed for Robert C. Bell Kind of Heating Plant Oil Stove

Applicant STAR FURNITURE CO. Tel. B1665 Heater Enclosure

FUEL TANK

Capacity _____ Gal.

U. S. Gauge _____

LOCATION

Underground	Exposed
Street _____	Integral ✓
Yard _____	Detached _____
Basement _____	Basement _____

OIL BURNER

Certificate of Approval No. _____

Name 4410 Allen

Type Sot Model C

Approved for Fuel Oil ASTM. ___ Pac. Spec. ___

Oil Supplied to Burner by

Pump _____ Syphon _____ Gravity _____

TANK-PIPING

Underwriters' Label No. _____

Pipe Size: Fill _____ Vent _____ Suction _____ Return _____

Valves: Wall _____ Tank _____ Thermostatic _____

Inspected by _____ Date _____

FIRE INSPECTOR'S REPORT

OIL BURNER

Underwriters' Label No. Sot —

Serial No. St. Helens —

Controls Oregon —

Inspected by [illegible] Date 5-28-46

Installation to be in conformance with Ordinance No. 73489 and under supervision of the Fire Marshal. Note: Before any portion of street area is used, owner of property must apply to the City Engineer for permit to use street. Notify Fire Marshal for inspection before tank or pipes are covered.

City of Portland, Oregon
BUREAU OF FIRE—FIRE PREVENTION DIVISION
101 CITY HALL

Oil Burner Permit Application

Dated Oct. 16 1948

Permit No. 43807

Fee $1.00 must accompany application. Make check payable to Linwood B. Cornell, City Treas.

Address 807 - SE 12th Ave — Occupancy Res.

Installed for J. Gustaff — Kind of Heating Plant Conversion

Applicant G. L. Kaslak — Tel. Tr 6998 — Heater Enclosure Basem.

FUEL TANK	LOCATION		OIL BURNER	
	Underground	Exposed		Name Quiet Heat
Capacity ....Gal.	Street	Integral	Certificate of Approval	Type #Gurd Model 17
U. S. Gauge	Yard ✓	Detached		Approved for Fuel Oil ASTM. ....Pac. Spec.... Oil Supplied to Burner by
	Basement	Basement	No.	Pump ✓ Syphon Gravity

TANK-PIPING	FIRE INSPECTOR'S REPORT	OIL BURNER
Underwriter's Label No.		Underwriter's Label No.
Pipe Size: Fill Vent Suction Return		Serial No.
Valves: Wall Tank Thermostatic		Controls
Inspected by Date		Inspected by Date

Installation to be in conformance with Ordinance No. 78461 and under supervision of the Fire Marshal. Note: Before any portion of street area is used, owner of property must apply to the City Engineer for permit to use street.
Notify Fire Marshal for inspection before tank or pipes are covered.

Final approval	✓ Partial Approval	Approved w/ corrections	Not approved	Cancelled

Inspector/Date:

RT 11.18.16

Underground Storage Tank

Permit Number: TR-16-160

Performance Bond:

Issue Date: 11/9/2016

Void After: 11/9/2017

Insurance: 3788028

Street Bond: 2934809

CITY OF PORTLAND, OREGON
BUREAU OF TRANSPORTATION
DEVELOPMENT AND CAPITAL PROGRAM

Revocable Permit to Use Dedicated Street Areas

at SE 11th & Belmont

• Permittee shall be responsible for obtaining an approved traffic control plan and permit to implement the traffic plan for the work zone covered under this permit. Submit your proposed traffic control plan for review to cpac@portlandoregon.gov five days prior to proposed work date. Work that requires closure of a street or lane shall not commence unless an approved traffic control plan and permit to implement the plan have been obtained. For questions about a permit to implement a traffic control plan contact 503-823-7365.
• Permittee must provide notification of proposed work schedule and request inspection for the permitted activity; contact Right-of-Way Inspection at 503.823.7002 opt#1 a minimum of two business days prior to beginning work and before 6am the day of inspection. Inspection not available on weekends and legal or city holidays.

The permittee applies for a revocable permit, in accordance with the attached conditions, provisions of Portland City Code Title 17 and the City Charter, for use of the street area on:

SE 11th Ave, from Morrison St to Belmont St

To decommission by removal one underground storage tank adjacent to taxlot number 1S1E02BA 5100.

Special Notes / Comments

SSM — If tree roots will be disturbed during work, contact the Urban Forester to schedule an inspection at (503) 823-TREE (8733). If a parking sign must be relocated, contact Kelly Sills at (503) 823-5072. For parking permits in metered zones, call (503) 823-7365. For traffic control approval, contact the Permit Center at (503) 823-7365.

Permittee	Contractor
NRC Environmental Services	Titan Utilities, LLC
6211 N. Ensign Street	11562 SW 17th Ave
Portland, OR 97217	Beaverton, OR 97007
(503) 283-1150 x	(503) 706-8288 x
bjanak@nrcc.com	jfkccs@comcast.net

Date:	Line Item:	Amount:	Balance:
11/4/2016	1 - FY16/17 Insurance processing fee(s) @ $23.21 ea	$23.21	$23.21
11/4/2016	1 - FY16/17 PWB Primary Review(s) @ $55 ea	$55.00	$78.21
11/4/2016	1 - FY16/17 Underground Storage Tank(s) @ $772 ea	$772.00	$850.21
11/4/2016	1 - FY16/17 Street Light Locate Fee(s) @ $110 ea	$110.00	$960.21
11/9/2016	PBOT - Receipt: T00482.C19	($960.21)	$0.00

APPROVED BY KYLIE THOMPSON
CONTINGENT UPON COVERING CITY CODE & FRANCHISES
OF THE CITY OF PORTLAND BUREAU OF TRANSPORTATION
Nov 09, 2016

Final approval	Partial Approval	Approved w/ corrections	Not approved	Cancelled

Inspector/Date:

Underground Storage Tank

CITY OF PORTLAND, OREGON
BUREAU OF TRANSPORTATION
DEVELOPMENT AND CAPITAL PROGRAM

Revocable Permit to Use Dedicated Street Areas

at SE 11th & Belmont

Permit Number: TR-16-160
Performance Bond:
Issue Date: 11/9/2016
Void After: 11/9/2017
Insurance: 3788028
Street Bond: 2934809

• Permittee shall be responsible for obtaining an approved traffic control plan and permit to implement the traffic plan for the work zone covered under this permit. Submit your proposed traffic control plan for review to cpac@portlandoregon.gov five days prior to proposed work date. Work that requires closure of a street or lane shall not commence unless an approved traffic control plan and permit to implement the plan have been obtained. For questions about a permit to implement a traffic control plan contact 503-823-7365.
• Permittee must provide notification of proposed work schedule and request inspection for the permitted activity; contact Right-of-Way Inspection at 503.823.7002 opt#1 a minimum of two business days prior to beginning work and before 6am the day of inspection. Inspection not available on weekends and legal or city holidays.

The permittee applies for a revocable permit, in accordance with the attached conditions, provisions of Portland City Code Title 17 and the City Charter, for use of the street area on:

SE 11th Ave, from Morrison St to Belmont St

To decommission by removal one underground storage tank adjacent to taxlot number 1S1E02BA 5100.

Special Notes / Comments

SSM	If tree roots will be disturbed during work, contact the Urban Forester to schedule an inspection at (503) 823-TREE (8733). If a parking sign must be relocated, contact Kelly Sills at (503) 823-5072. For parking permits in metered zones, call (503) 823-7365. For traffic control approval, contact the Permit Center at (503) 823-7365.

Permittee	Contractor
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bjanak@nrcc.com	jfkccs@comcast.net

Date:	Line Item:	Amount:	Balance:
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11/4/2016	1 - FY16/17 PWB Primary Review(s) @ $55 ea	$55.00	$78.21
11/4/2016	1 - FY16/17 Underground Storage Tank(s) @ $772 ea	$772.00	$850.21
11/4/2016	1 - FY16/17 Street Light Locate Fee(s) @ $110 ea	$110.00	$960.21
11/9/2016	PBOT - Receipt: T00482.C19	($960.21)	$0.00

APPROVED BY KYLIE THOMPSON
CONTINGENT UPON COVERING CITY CODE & FRANCHISES
OF THE CITY OF PORTLAND BUREAU OF TRANSPORTATION
Nov 09, 2016

Final approval	Partial Approval	Approved w/ corrections	Not approved	Cancelled

Inspector/Date:

Conditions

1.This permit is for the use of the street area only, and shall not exempt the permittee from obtaining any license or permit required by the City Code or Ordinances for any act to be performed under this permit, nor shall this permit waive the provisions of any City Code, Ordinance, or the City Charter, except as herein stated.
2.This permit is revocable by the Director of Transportation at any time in the event the public's need requires it, or the permittee fails to comply with the conditions of this permit, and no expenditure of money hereunder, lapse of time, or other act or thing shall operate as an estoppel against the City of Portland, or be held to give the permittee any vested or other right. Upon the expiration of this permit, or upon its sooner revocation by the Director of Transportation, the permittee shall, within 30 days, remove said installations from the street area and restore the street area as directed by and to the satisfaction of the Director of Transportation.
3.The permittee shall hold the City of Portland, its officers, agents, and employees free and harmless from any claims for damages to persons or property, including legal fees and costs of defending any actions or suits, including any appeals, which may result from the permitted activity.
4.This permit is personal to the permittee and may not be transferred, assigned or otherwise conveyed, and will require insurance with limits of coverage that will meet the maximum requirements for liability of a public body as set forth in ORS 30.260 through 30.300, or as it may be required by subsequent amendment and naming the City, its officers, agents and employees as additional insured. Said insurance is to be kept in full force and effect at all times. This permit is automatically revoked without further action by the Director of Transportation if this insurance is permitted to lapse, is canceled, or for any other reason becomes inoperative.
5.The permittee shall provide an annual street opening bond in the penal sum of TWO THOUSAND AND NO/100 DOLLARS ($2000.00) as provided by Section 17.32.040 of the Code of the City.
6.The permittee shall initiate construction authorized by this permit within 30 days of the permit issue date. If the permitted work has not begun within 90 days, the permittee shall reapply for a permit before beginning any work within the right-of-way.
7.ATTENTION: Oregon law requires you to follow rules adopted by the Oregon Utility Notification Center. Those rules are set forth in OAR 952-001-0010 through OAR 952-001-0090. You may obtain copies of the rules by calling the center. (Note: the telephone number for the Oregon Utility Notification Center is 1-800-332-2344). Utilities shall be notified and have an opportunity to locate their facilities at least two days prior to commencing work allowed under this permit.
8. Permittee shall provide a copy of any test-hole reports to the Director of Transportation upon completion of work. The reports shall show the location of each test-hole or well and shall include a copy of the boring log if requested by the Director of Transportation or his representative.

CITY OF PORTLAND BUREAU OF TRANSPORTATION

THIS IS NOT A BILL
TO OBTAIN YOUR PERMIT, PAY THE FEE BELOW

ESTIMATE PERMIT FEE

NOT A PERMIT

Date: 11/9/2016

Permittee NRC Environmental Services

Work Location: SE 11th & Belmont

PermitNumber: TR-16-160

SAP / Check Number: $960.21 T00482.C19 PBOT 11/9/2016

Description	SAP Internal Order Number	Amount
Underground Tank	8TR000001100	$905.21
Water Bureau SO	WAFS000007	$55.00
	Total	$960.21

PBOT Bureau Rep: Kylie Thompson
503-823-5079

To obtain your permit you must pay the above amount. Contact the Parks Customer Service Center at 503-823-2525 option 4 to pay by credit card. To pay with cash or check, bring a copy of this billing summary to the Parks Customer Service on the ground floor at 1120 SW 5th Ave, Portland OR 97204.

When payment has been received, a Parks representative will email a copy of the receipt to pbotutilitypermits@portlandoregon.gov and your permit will be emailed to you. If you do not receive your permit or you wish to expedite your permit issuance, please call the PBOT Bureau rep listed above.

An Equal Opportunity Employer

To ensure equal access, the Portland Bureau of Transportation will make accommodations in full compliance with Title VI of the Civil Rights Act of 1964, the ADA Title II, and related statutes and regulations in all programs and activities. For accommodations and additional information, and complaints, contact the Title II and Title VI Coordinator at Room 1204, 1120 SW 5th Ave, Portland, OR 97204, or by telephone 503-823-5185, City TTY 503-823-6868, or use Oregon Relay Service: 711.

Thompson, Kylie

From: WB DEV SVCS
Sent: Monday, November 07, 2016 11:38 AM
To: PBOT Utility Permits; WB DEV SVCS
Cc: Howe, Joe
Subject: RE: TR-16-160 (RE: Underground Storage Tank decommissioning permit application)

No apparent conflict.

Portland Water Bureau Review Fee = $ 55.00.
($55.00 for first two utility installations or first 200 feet of continuous installations.)

Joseph C. (Joe) Howe, PE
Senior Engineering Associate

Portland Water Bureau
1120 SW Fifth Avenue, Room 600
Portland, Oregon 97204

Phone: 503-823-3936

"From forest to faucet, the Portland Water Bureau delivers the best drinking water in the world."

From: PBOT Utility Permits
Sent: Friday, November 04, 2016 4:00 PM
To: WB DEV SVCS <WBdevsvcs@portlandoregon.gov>
Subject: FW: TR-16-160 (RE: Underground Storage Tank decommissioning permit application)

Tank discovered during construction. Verbal approval given to proceed with removal.

Please review the attached planset and reply with comments/conditions. If you have any issues or concerns that need to be addressed, please contact the utility directly, copying the PBOT Utility Permits box. Thanks!

Kylie Thompson, Engineering Tech II
Utilities, Construction and Inspection
PORTLAND BUREAU OF TRANSPORTATION
1120 SW 5th Ave, Ste 825
Portland, OR 97201
Phone: 503-823-5079
Email: kylie.thompson@portlandoregon.gov

Sign the Vision Zero Pledge to contribute to a safer, healthier Portland.

The City of Portland complies with all non-discrimination, Civil Rights laws including Civil Rights Title VI and ADA Title II. To help ensure equal access to City programs, services and activities, the City of Portland will reasonably modify policies/procedures and provide auxiliary aids/services to persons with disabilities. Call 503-823-2036, TTY 503-823-6868 or Oregon Relay Service: 711 with such requests, or visit http://bit.ly/13EWaCg

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From: Moore, Adam
Sent: Thursday, November 03, 2016 3:57 PM

Thompson, Kylie

From: Moore, Adam
Sent: Thursday, November 03, 2016 3:57 PM
To: Thompson, Kylie
Subject: RE: Underground Storage Tank decommissioning permit application
Attachments: 11Belmont_TankRemovalPermitAppPacket.pdf

Hi Kylie,

Please see attached for a cover letter and permit request form for removal of an underground storage tank. I might be missing some things, but I'd like to get the ball rolling on this since time is of the essence, and we need to get this tank removed ASAP.

Thanks,
Adam

--
Adam Moore | Engineering Associate
Signals and Street Lighting, Portland Bureau of Transportation
1120 SW 5th Avenue, Suite 800, Portland, OR 97204
t: 503.823.5435
m: 503.823.6631
adam.moore@portlandoregon.gov
www.portlandoregon.gov/transportation

The City of Portland complies with all non-discrimination, Civil Rights laws including Civil Rights Title VI and ADA Title II. To help ensure equal access to City programs, services and activities, the City of Portland will reasonably modify policies/procedures and provide auxiliary aids/services to persons with disabilities. Call 503-823-2036, TTY 503-823-6868 or Oregon Relay Service: 711 with such requests, or visit http://bit.ly/13EWaCg

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From: Moore, Adam
Sent: Wednesday, November 02, 2016 4:15 PM
To: Thompson, Kylie <Kylie.Thompson@portlandoregon.gov>
Subject: RE: Underground Storage Tank decommissioning permit application

Hi Kylie,

Do you happen to have an example of a completed tank decommission permit packet? Especially one similar to this situation, which is a city-contracted contractor requesting the permit (I'm actually the one filling out the permit).

Thanks for your help,
Adam

--
Adam Moore | Engineering Associate
Signals and Street Lighting, Portland Bureau of Transportation
1120 SW 5th Avenue, Suite 800, Portland, OR 97204
t: 503.823.5435
m: 503.823.6631
adam.moore@portlandoregon.gov
www.portlandoregon.gov/transportation

PBOT
PORTLAND BUREAU OF TRANSPORTATION
1120 SW Fifth Avenue, Suite 800 Portland, OR 97204 503.823.5185
Fax 503.823.7576 TTY 503.823.6868 www.portlandoregon.gov/transportation
Steve Novick Commissioner **Leah Treat** Director

UNDERGROUND STORAGE TANK DECOMMISSIONING PERMIT REQUEST

DATE: November 3, 2016

TO: **PBOT Utility Permits**
1120 SW Fifth Avenue, Suite 800
Portland, OR 97204
Phone: 503-865-3476

FROM: **Adam Moore**
Portland Bureau of Transportation
1120 SW Fifth Avenue, Suite 800
Portland, OR 97204
Phone: 503-823-5435

Requesting a permit for removal of an underground heating oil tank on the northeast corner of SE 11th Ave & SE Belmont St along SE 11th Ave. The cylindrical tank is located under the sidewalk, parallel to the roadway, flush with the curb. The curb and a portion of the street will need to be excavated along with the sidewalk above the tank.

The decommissioning needs to occur as soon as possible. Time is of the essence due to ongoing traffic signal construction at the intersection. The contractor performing the work will be Titan Utilities, LLC, in conjunction with NRC Environmental Services.

Titan Utilities, LLC
John Kalkhoven
503-706-8288

NRC Environmental Services
Bob Ransdell
503-209-2209

Signature: Adam Moore Date: November 3, 2016

Adam Moore

The Portland Bureau of Transportation fully complies with Title VI of the Civil Rights Act of 1964, the ADA Title II, and related statutes and regulations in all programs and activities. For accommodations, complaints and information, call (503) 823-5185, City TTY (503) 823-6868, or use Oregon Relay Service: 711.

PBOT
PORTLAND BUREAU OF TRANSPORTATION

Test Bore, Monitoring Well, & Underground Storage Tank Decommissioning Permit Request Form

1) Contractor Working in ROW:

Name: John Kalkhoven, Titan Utilities, LLC
Company: ___
Address: 11562 SW 175th Ave, Beaverton, OR 97007
Phone: 503-706-8288
Email: jfkccs@comcast.net

2) Contractor Requesting Permit? (if different)

Name:
Company:
Address:
Phone:
Email:

3) Site Address: SE 11th Ave & SE Belmont St

4) Name of Street to be Opened: SE 11th Ave

5) Names of Bounding Streets:

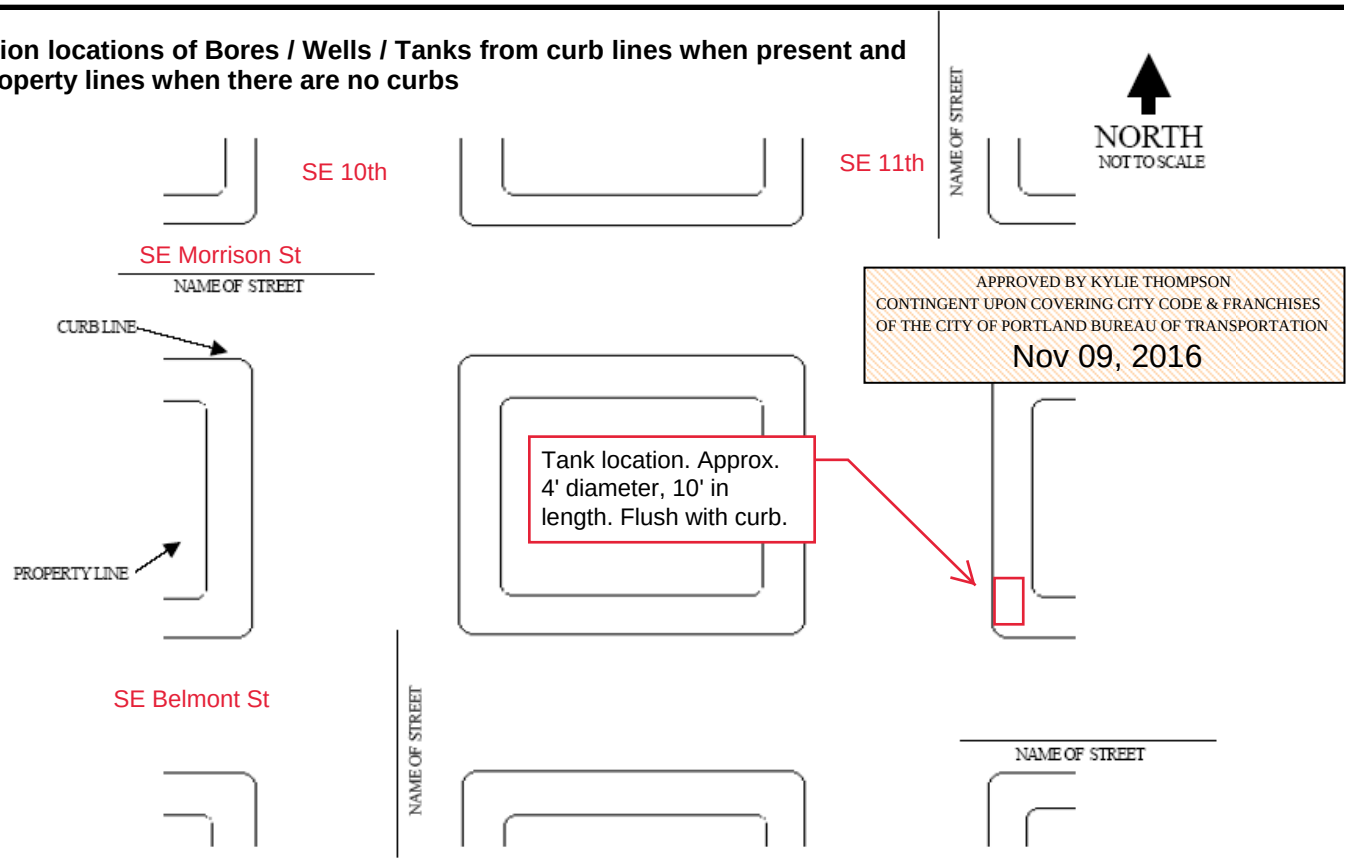
6) Test Bore / Monitoring Well:

Number of Bores:
Number of Wells:
Greatest Diameter:
Greatest Depth:

7) Underground Storage Tanks:

Number of Tanks: 1
Decommission in Place ☐ or **Remove from Ground** ☒

Dimension locations of Bores / Wells / Tanks from curb lines when present and from property lines when there are no curbs



Final approval	Partial Approval	Approved w/ corrections	Not approved	Cancelled

Inspector/Date:

Test Bore / Core

CITY OF PORTLAND, OREGON
BUREAU OF TRANSPORTATION
DEVELOPMENT AND CAPITAL PROGRAM

Revocable Permit to Use Dedicated Street Areas

at 1120 SE Morrison

Permit Number: TR-17-044
Performance Bond:
Issue Date: 4/5/2017
Void After: 4/5/2018
Insurance: 3862438
Street Bond: 2992252

• Permittee shall be responsible for obtaining an approved traffic control plan and permit to implement the traffic plan for the work zone covered under this permit. Submit your proposed traffic control plan for review to cpac@portlandoregon.gov five days prior to proposed work date. Work that requires closure of a street or lane shall not commence unless an approved traffic control plan and permit to implement the plan have been obtained. For questions about a permit to implement a traffic control plan contact 503-823-7365.
• Permittee must provide notification of proposed work schedule and request inspection for the permitted activity; contact Right-of-Way Inspection at 503.823.7002 opt#1 a minimum of two business days prior to beginning work and before 6am the day of inspection. Inspection not available on weekends and legal or city holidays.

The permittee applies for a revocable permit, in accordance with the attached conditions, provisions of Portland City Code Title 17 and the City Charter, for use of the street area on:

SE 11th Ave, from Morrison St to Belmont St

To drill 4 test bores, 3in. in diameter, 15ft. Deep.

Special Notes / Comments

SSM	If tree roots will be disturbed during work, contact the Urban Forester to schedule an inspection at (503) 823-TREE (8733). If a parking sign must be relocated, contact Kelly Sills at (503) 823-5072. For parking permits in metered zones, call (503) 823-7365. For traffic control approval, contact the Permit Center at (503) 823-7365.

Permittee	Contractor	Primary Contact
K&S Environmental, Inc. 4475 SW Scholls Ferry Rd., #256 Portland, OR 97225 (503) 291-1454 x ksenvironmental@yahoo.com	Gregory Pacific Corp. 11650 SW 67th Avenue Suite 130 Portland, OR 97223 (503) 639-3887 x	Bill Knutson (503) 291-1454 x ksenvironmental@yahoo.com

Date:	Line Item:	Amount:	Balance:
3/29/2017	1 - FY16/17 Insurance processing fee(s) @ $23.21 ea	$23.21	$23.21
3/29/2017	1 - FY16/17 PWB Primary Review(s) @ $55 ea	$55.00	$78.21
3/29/2017	1 - FY16/17 Street Light Locate Fee(s) @ $110 ea	$110.00	$188.21
3/29/2017	1 - FY16/17 Test Bore(s) @ $408 ea	$408.00	$596.21
4/3/2017	K&S Environmental, Inc. - Receipt: 1095681.002	($596.21)	$0.00

APPROVED BY KYLIE THOMPSON
CONTINGENT UPON COVERING CITY CODE & FRANCHISES
OF THE CITY OF PORTLAND BUREAU OF TRANSPORTATION
Apr 05, 2017

Final approval	Partial Approval	Approved w/ corrections	Not approved	Cancelled

Inspector/Date:

Conditions

1.This permit is for the use of the street area only, and shall not exempt the permittee from obtaining any license or permit required by the City Code or Ordinances for any act to be performed under this permit, nor shall this permit waive the provisions of any City Code, Ordinance, or the City Charter, except as herein stated.
2.This permit is revocable by the Director of Transportation at any time in the event the public's need requires it, or the permittee fails to comply with the conditions of this permit, and no expenditure of money hereunder, lapse of time, or other act or thing shall operate as an estoppel against the City of Portland, or be held to give the permittee any vested or other right. Upon the expiration of this permit, or upon its sooner revocation by the Director of Transportation, the permittee shall, within 30 days, remove said installations from the street area and restore the street area as directed by and to the satisfaction of the Director of Transportation.
3.The permittee shall hold the City of Portland, its officers, agents, and employees free and harmless from any claims for damages to persons or property, including legal fees and costs of defending any actions or suits, including any appeals, which may result from the permitted activity.
4.This permit is personal to the permittee and may not be transferred, assigned or otherwise conveyed, and will require insurance with limits of coverage that will meet the maximum requirements for liability of a public body as set forth in ORS 30.260 through 30.300, or as it may be required by subsequent amendment and naming the City, its officers, agents and employees as additional insured. Said insurance is to be kept in full force and effect at all times. This permit is automatically revoked without further action by the Director of Transportation if this insurance is permitted to lapse, is canceled, or for any other reason becomes inoperative.
5.The permittee shall provide an annual street opening bond in the penal sum of TWO THOUSAND AND NO/100 DOLLARS ($2000.00) as provided by Section 17.32.040 of the Code of the City.
6.The permittee shall initiate construction authorized by this permit within 30 days of the permit issue date. If the permitted work has not begun within 90 days, the permittee shall reapply for a permit before beginning any work within the right-of-way.
7.ATTENTION: Oregon law requires you to follow rules adopted by the Oregon Utility Notification Center. Those rules are set forth in OAR 952-001-0010 through OAR 952-001-0090. You may obtain copies of the rules by calling the center. (Note: the telephone number for the Oregon Utility Notification Center is 1-800-332-2344). Utilities shall be notified and have an opportunity to locate their facilities at least two days prior to commencing work allowed under this permit.
8.The permittee will protect public facilities in the right-of-way. The permittee will restore public facilities and guarantees the cost for repairs or replacement of any private or public facilities or private property damaged or destroyed caused in whole or in part as a result of work performed under this permit. The permittee recognizes and agrees the City cannot guarantee the accuracy of location of utilities in the street; and permittee further agrees to be responsible for any and all damage caused by his work under this permit, although such damage or destruction may have resulted in whole or in part because of the City's mislocation or misinformation in relation to the utilities.
9.Permittee shall obtain street use permits for areas equipment will be parked and will obtain permits for lane closures and for full street closures in advance.
10.Permittee shall maintain a minimum four foot pedestrian way or the sidewalk shall be closed at each end of the block with barricades and with signs "Sidewalk Closed-Use Opposite Side".
11.Permittee shall protect the work area by barricading or installing a fence adjacent to the excavation area as directed by the Director of Transportation.
12.Permittee shall conform to their approved traffic control plan for this project and shall not block travel lanes unless a traffic control plan for lane closure has been approved by the Traffic Engineer.
13.Permittee shall comply with Title 10 of the City Code, including all erosion measures and signs.
14.If, during construction allowed under this permit, it becomes necessary or expedient to modify the plan or location of any item authorized by this permit, the permittee shall first obtain the approval of the Director of Transportation.
15.After measurements and/or samples are obtained the boreholes will be filled and sealed to match the surrounding surface.
16. Permittee shall provide a copy of any test-hole reports to the Director of Transportation upon completion of work. The reports shall show the location of each test-hole and shall include a copy of the boring log if requested by the Director of Transportation or his representative.

PORTLAND PARKS & RECREATION℠
Healthy Parks, Healthy Portland

Sign In | Create an Account

Home Activities Reservations Gift Cards

My Cart

Customer Service Center
Parks & Recreation | PBOT
1134 SW 5th Ave
Portland, OR 97204
Phone: (503) 823-2525
FAX: (503) 823-2515
Email: --

Receipt #1095681.002
Apr 3, 2017 4:15 PM

PORTLAND PARKS & RECREATION
Healthy Parks, Healthy Portland
PBOT

Prepared By: 6/16csantos
Company ID: 581

K & S ENVIRONMENTAL
BILL KNUTSON
ORGANIZATION CONTACT
4475 SW SCHOLLS FERRY RD #256
PORTLAND, OR 97225

Primary phone: (503) 291-1454, Secondary phone: --

Payment Summary

Credit Card: $596.21 Visa xxx9849, Auth# 813061

Total Received: $596.21 **Total Payments:** $596.21

Transactions

Customer	Description	Item	Unit	Qty	Fee	Charge
K & S Environmental 4475 SW Scholls Ferry RD #256 Portland, OR 97225	PBOT - Test Bore **Paid on Account Balance**	PBOT - Test Bore	Each			$408.00
K & S Environmental 4475 SW Scholls Ferry RD #256 Portland, OR 97225	PBOT - Street Light Locate **Paid on Account Balance**	PBOT - Street Light Locate	Each			$110.00
K & S Environmental 4475 SW Scholls Ferry RD #256 Portland, OR 97225	Water Bureau Review **Paid on Account Balance**	Water Bureau Review	Each			$55.00
K & S Environmental 4475 SW Scholls Ferry RD #256 Portland, OR 97225	PBOT - Insurance Processing **Paid on Account Balance**	PBOT - Insurance Processing	Each			$23.21

Total Charges	$596.21
Total Payments	$596.21
Balance	$0

[1] Payment Schedule for Original Balance of $596.21

Due Date	Amount Due	Amount Paid	Withdrawal Adjustment	Balance
Mar 31, 2017	$596.21	$596.21	$0	$0
			Current Balance	$0
			Due Now	$0

Thompson, Kylie

From: WB DEV SVCS
Sent: Wednesday, March 29, 2017 12:28 PM
To: PBOT Utility Permits; WB DEV SVCS
Cc: Howe, Joe
Subject: RE: TR-17-044 (Permit application)

No apparent conflict.

Portland Water Bureau Review Fee = $ 55.00.
($55.00 for first two utility installations or first 200 feet of continuous installations.)

Joseph C. (Joe) Howe, PE
Senior Engineering Associate

Portland Water Bureau
1120 SW Fifth Avenue, Room 600
Portland, Oregon 97204

Phone: 503-823-3936

"From forest to faucet, the Portland Water Bureau delivers the best drinking water in the world."

From: PBOT Utility Permits
Sent: Wednesday, March 29, 2017 9:36 AM
To: WB DEV SVCS <WBdevsvcs@portlandoregon.gov>
Subject: FW: TR-17-044 (Permit application)

Please review the attached planset and reply with comments/conditions. If you have any issues or concerns that need to be addressed, please contact the utility directly, copying the PBOT Utility Permits box. Thanks!

Kylie Thompson, Engineering Tech II
Utilities, Construction and Inspection
PORTLAND BUREAU OF TRANSPORTATION
1120 SW 5th Ave, Ste 825
Portland, OR 97201
Phone: 503-823-5079
Email: kylie.thompson@portlandoregon.gov

Sign the Vision Zero Pledge to contribute to a safer, healthier Portland.

The City of Portland complies with all non-discrimination, Civil Rights laws including Civil Rights Title VI and ADA Title II. To help ensure equal access to City programs, services and activities, the City of Portland will reasonably modify policies/procedures and provide auxiliary aids/services to persons with disabilities. Call 503-823-2036, TTY 503-823-6868 or Oregon Relay Service: 711 with such requests, or visit http://bit.ly/13EWaCg

---

From: K&S Environmental [mailto:ksenvironmental@yahoo.com]
Sent: Friday, March 24, 2017 3:37 PM

Thompson, Kylie

From: K&S Environmental <ksenvironmental@yahoo.com>
Sent: Friday, March 24, 2017 3:37 PM
To: PBOT Utility Permits
Subject: Permit application
Attachments: 5773citypemit.pdf; 5773cityperm.doc

Staff, Attached is a completed application for the installation of soil borings in the City right of way. Please review and give me a call with any questions. Thanks, Bill Knutson

PBOT
PORTLAND BUREAU OF TRANSPORTATION

Test Bore, Monitoring Well, & Underground Storage Tank Decommissioning Permit Request Form

1) Contractor Working in ROW:
Name: Gregory Pacific Corp
Address: 11650 SW 6th Avenue, #130
Portland, OR 97223
Phone: 503-639-3887
Email:

2) Contractor Requesting Permit? (if different)
Name: Bill Knutson
Company: K&S Environmental, Inc.
Address: 4475 SW Scholls Ferry Rd., #256
Portland, OR 97225
Phone: 503-291-1454
Email: Ksenvironmental@yahoo.com

3) Site Address:
Company: 1120 SE Morrison Street

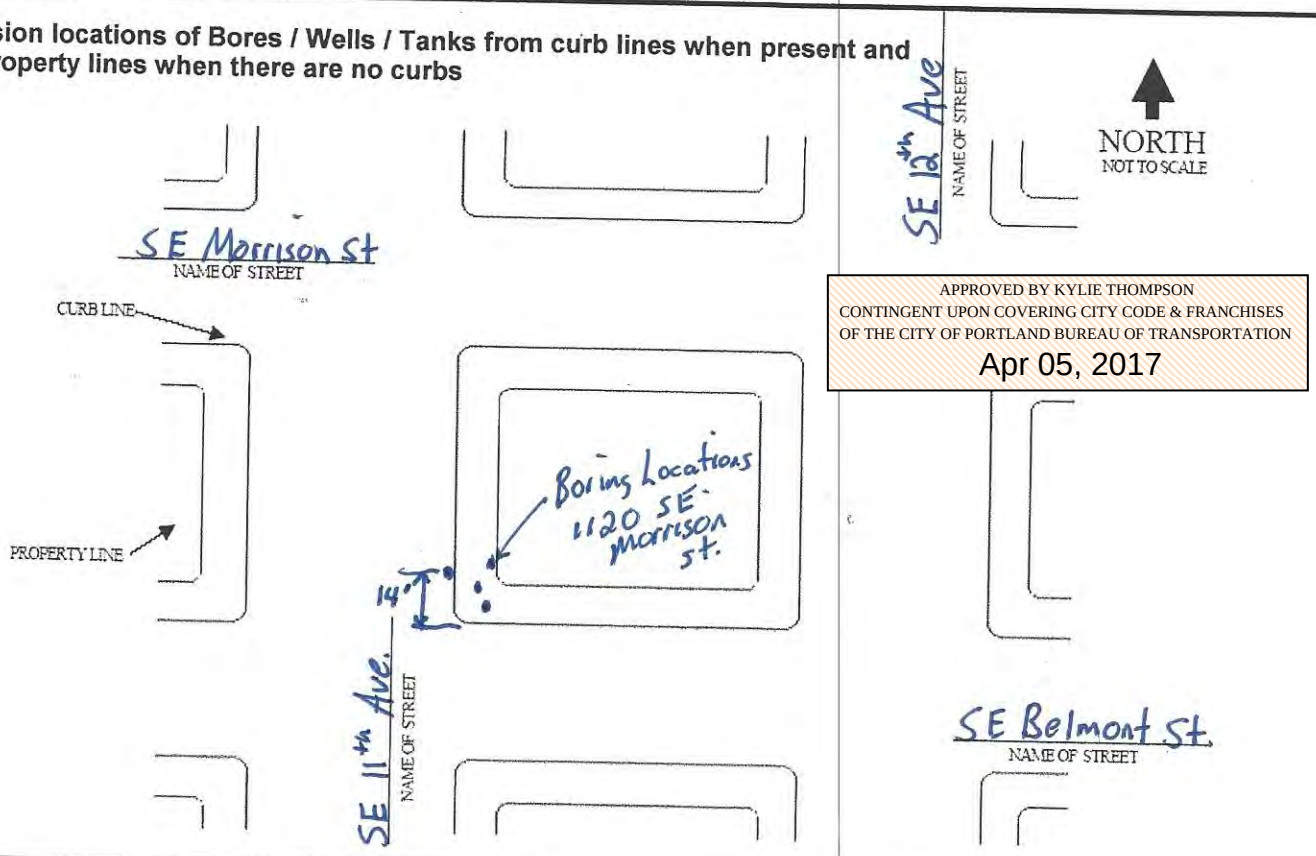
4) Name of Street to be Opened:
SE 11th Avenue

5) Names of Bounding Streets:
SE Belmont Street
@ SE 11th Avenue

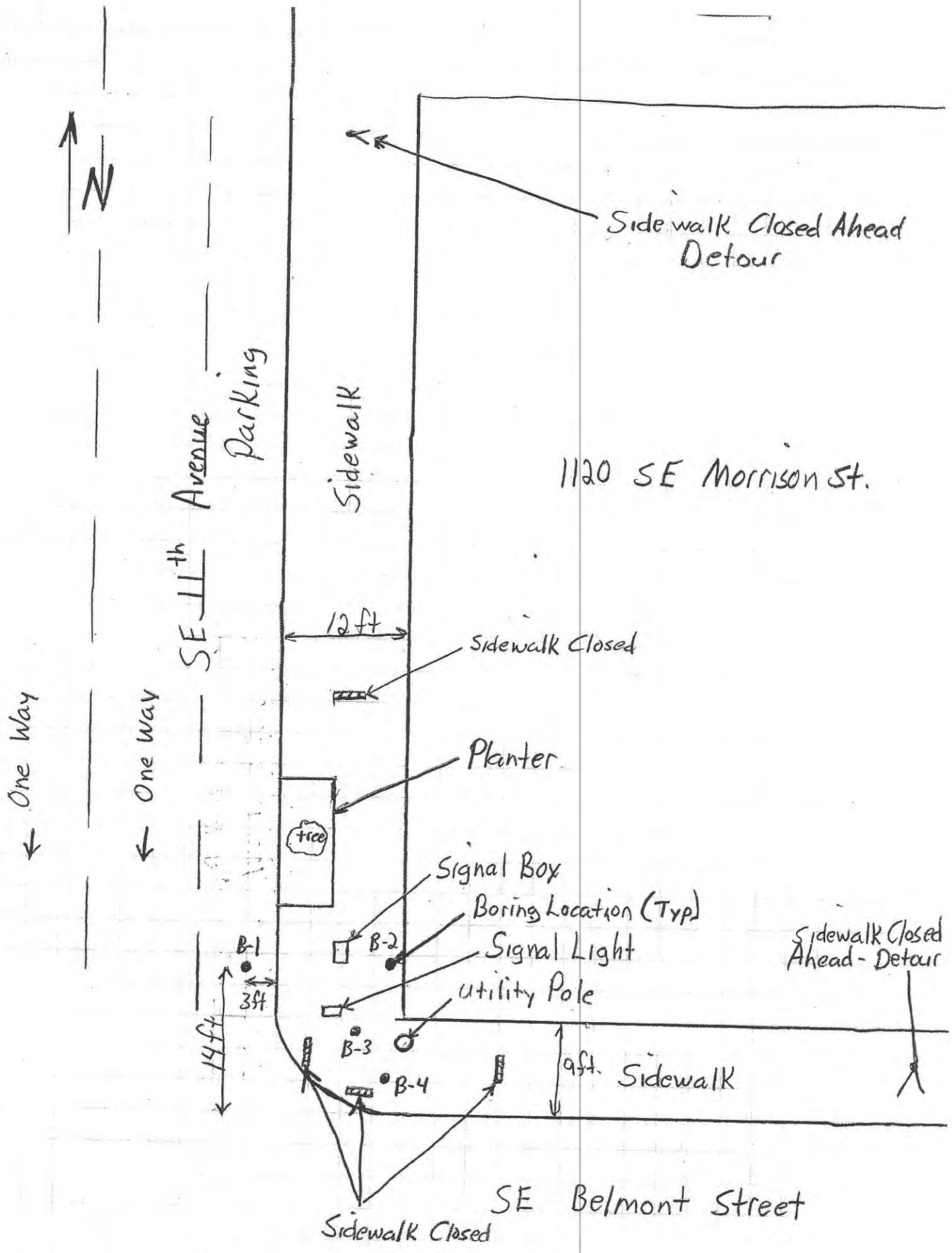
6) Test Bore / Monitoring Well:
Number of Bores: 4
Number of Wells:
Greatest Diameter: 3 inch
Greatest Depth: 15 ft.

7) Underground Storage Tanks:
Number of Tanks:
Decommission in Place ☐ or **Remove from Ground** ☐

Dimension locations of Bores / Wells / Tanks from curb lines when present and from property lines when there are no curbs



APPROVED BY KYLIE THOMPSON
CONTINGENT UPON COVERING CITY CODE & FRANCHISES OF THE CITY OF PORTLAND BUREAU OF TRANSPORTATION
Apr 05, 2017



Sidewalk Pedestrian Traffic Control

APPENDIX D

Modera Morrison

1120 SE Morrison Street

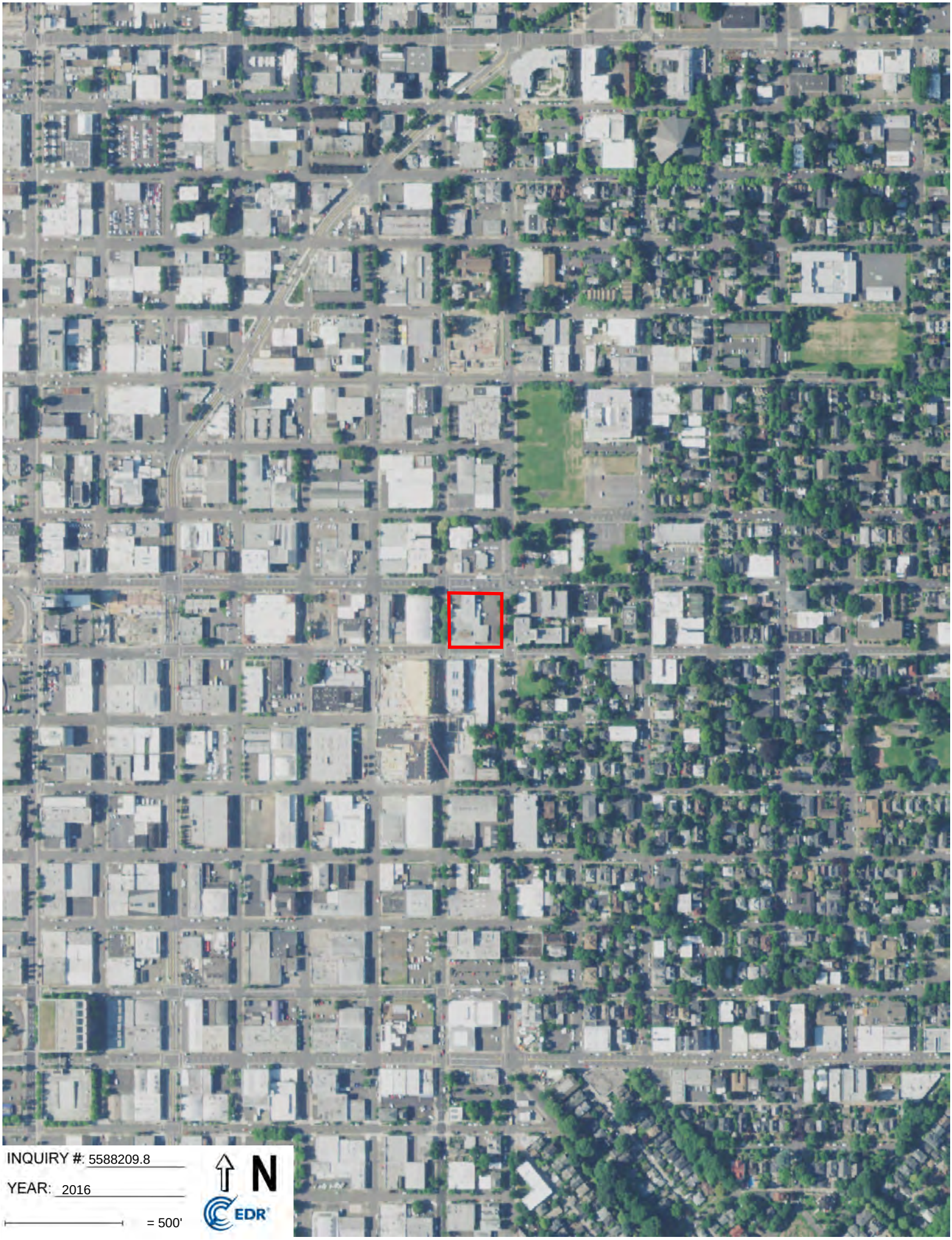
Portland, OR 97214

Inquiry Number: 5588209.8

March 13, 2019

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com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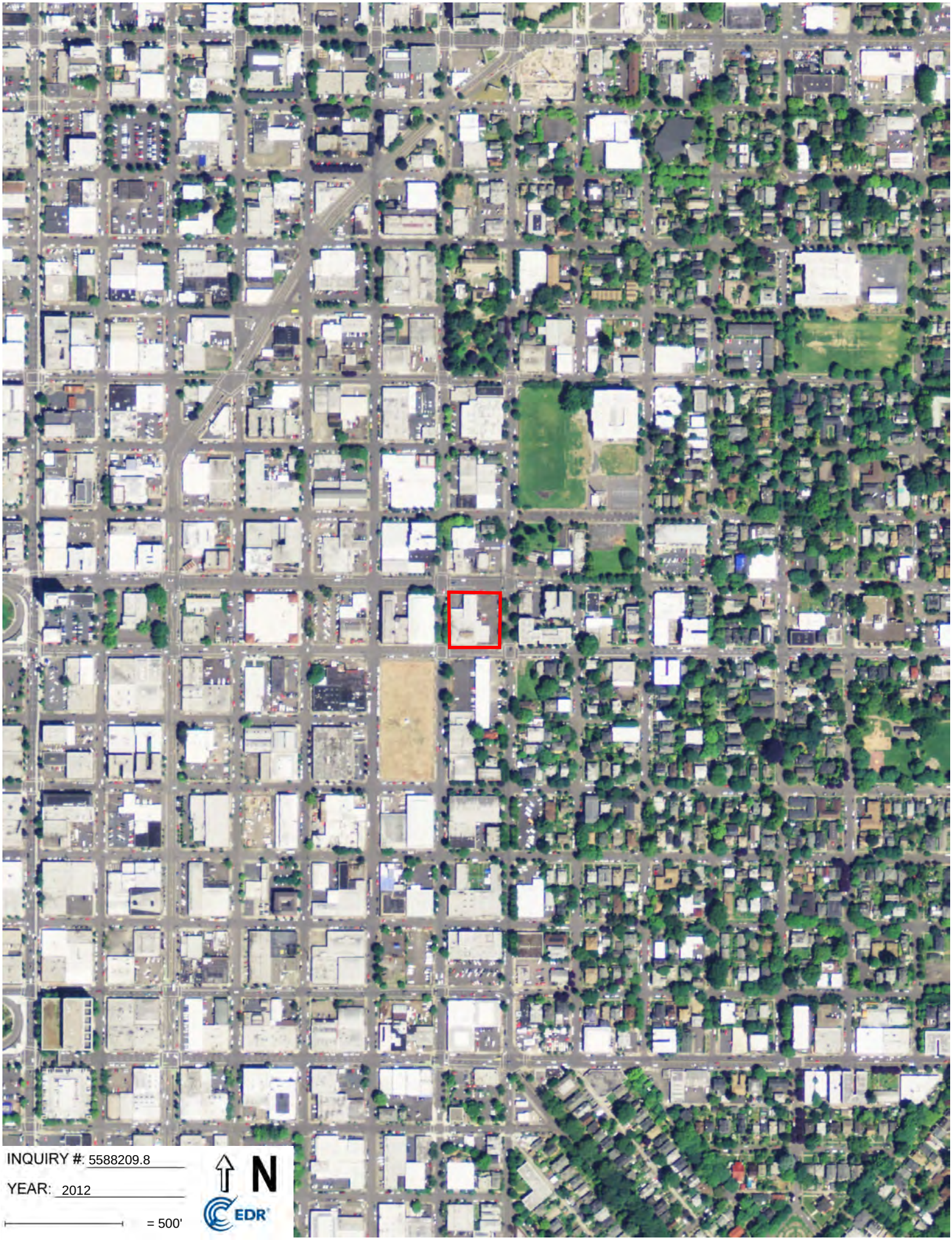
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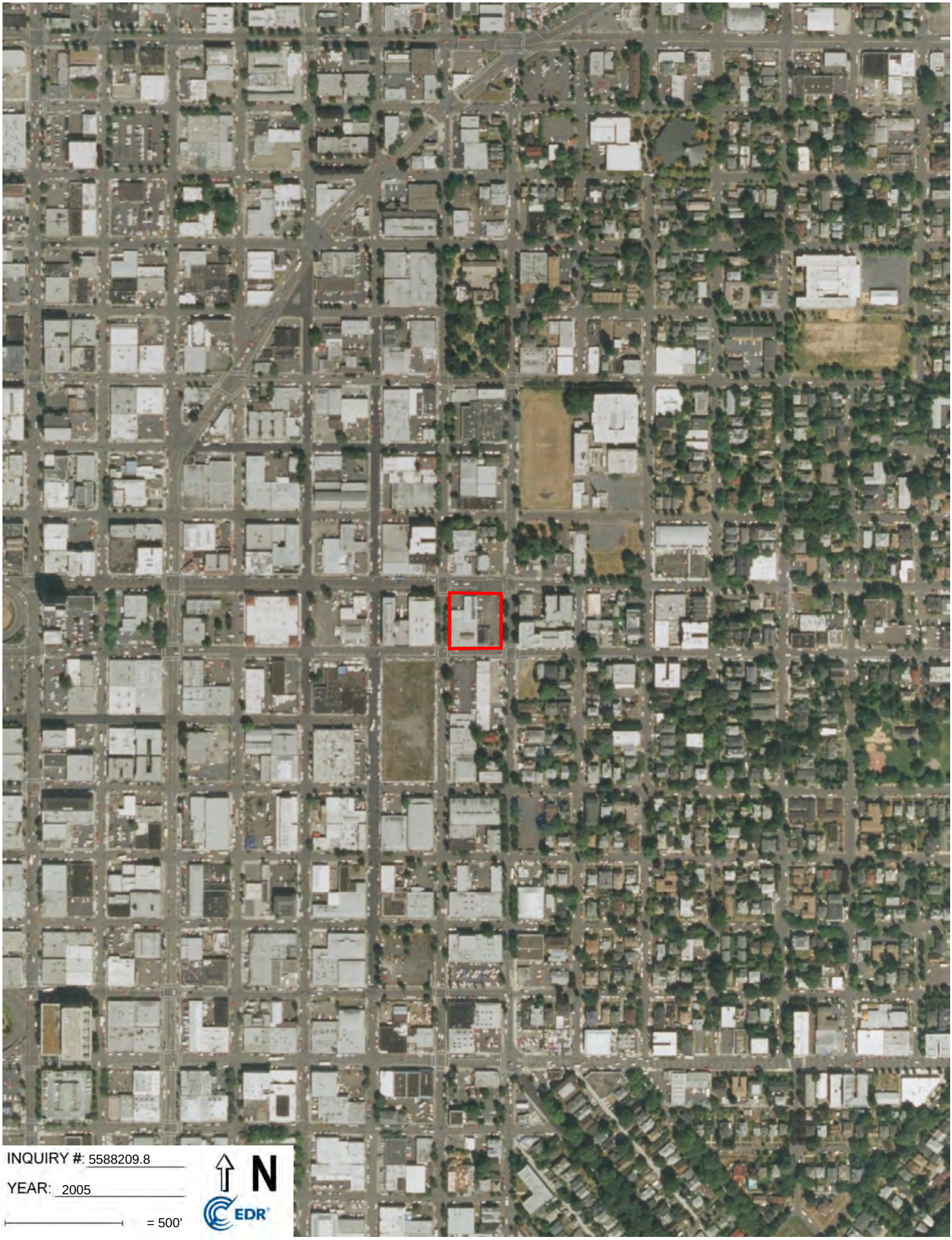
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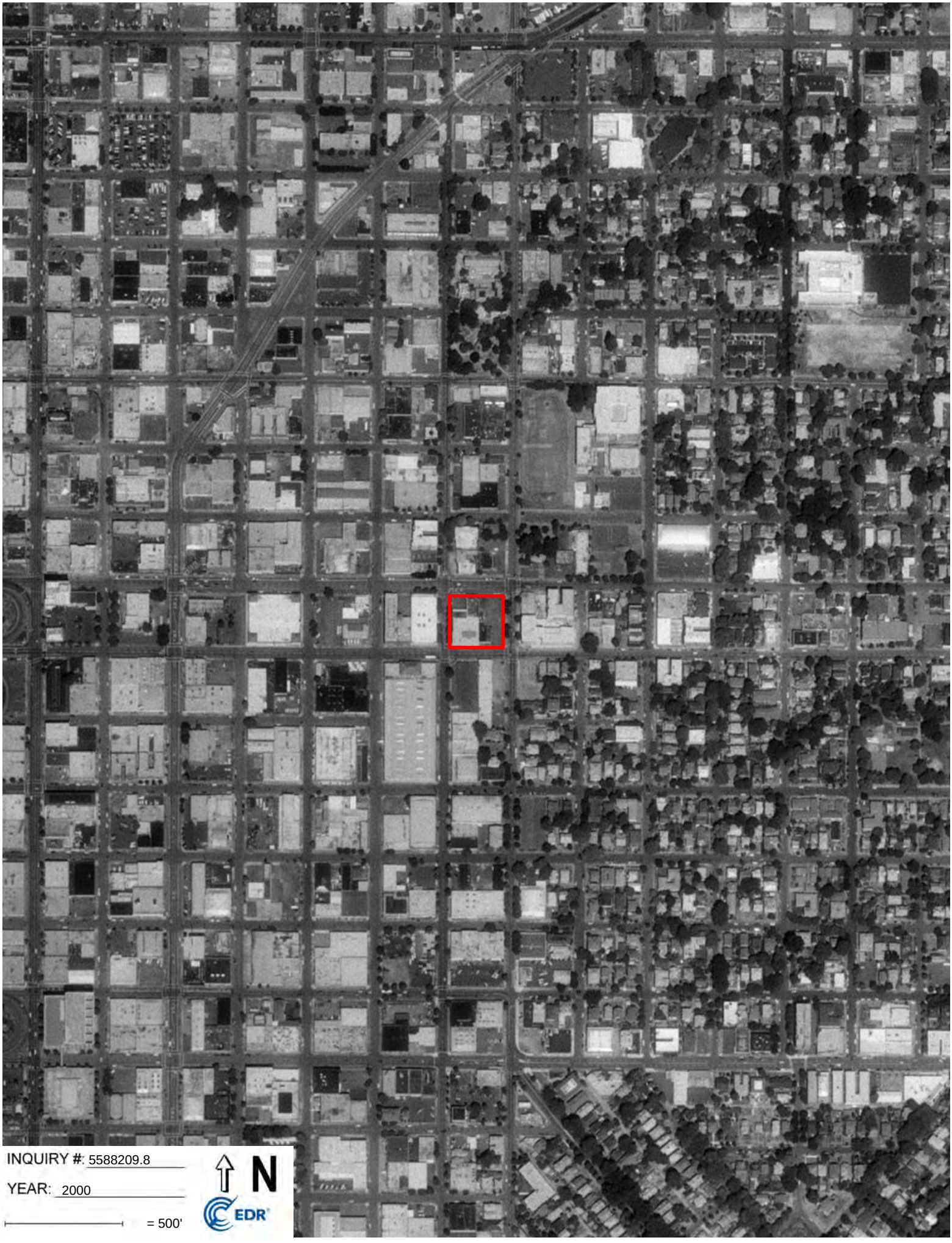
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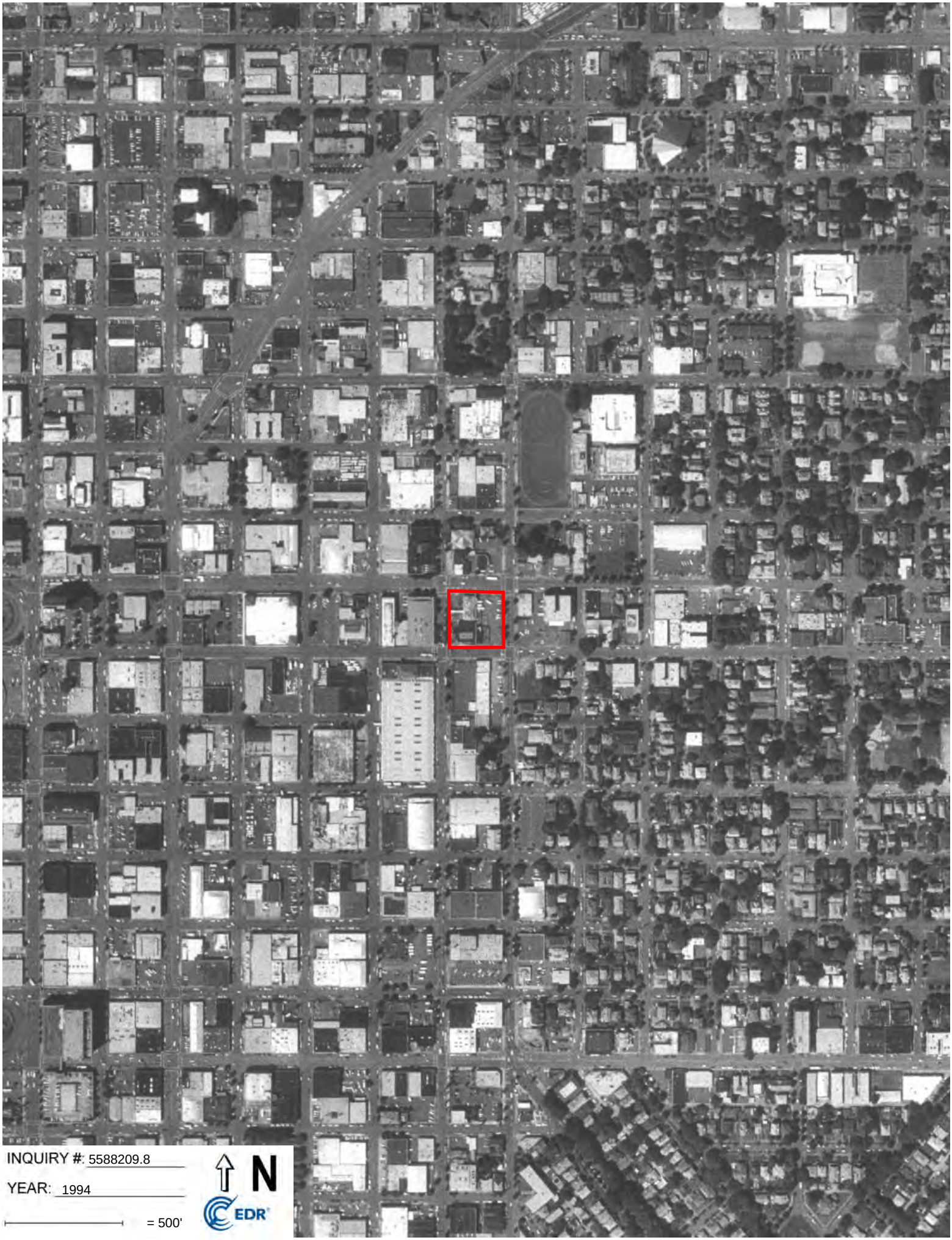
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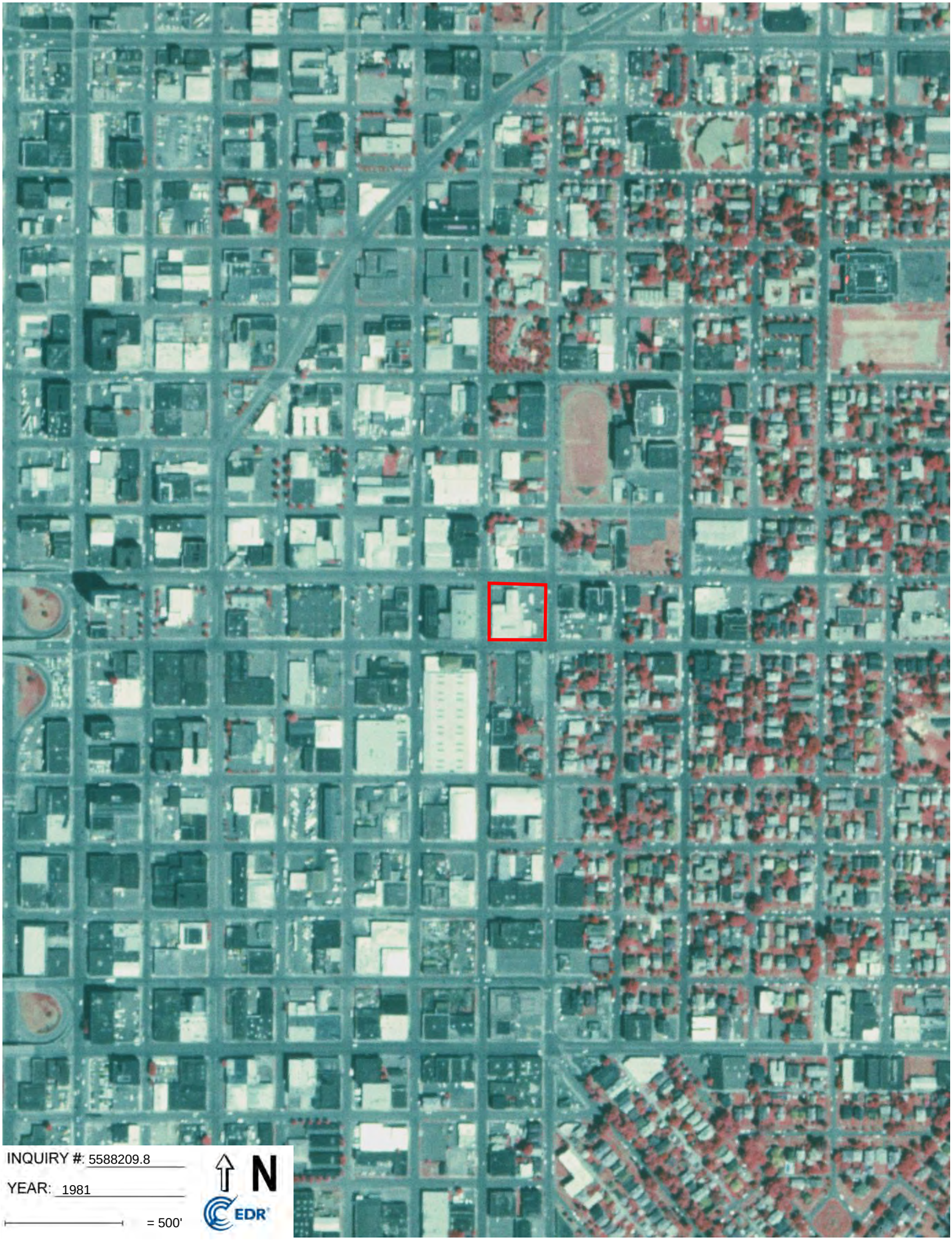
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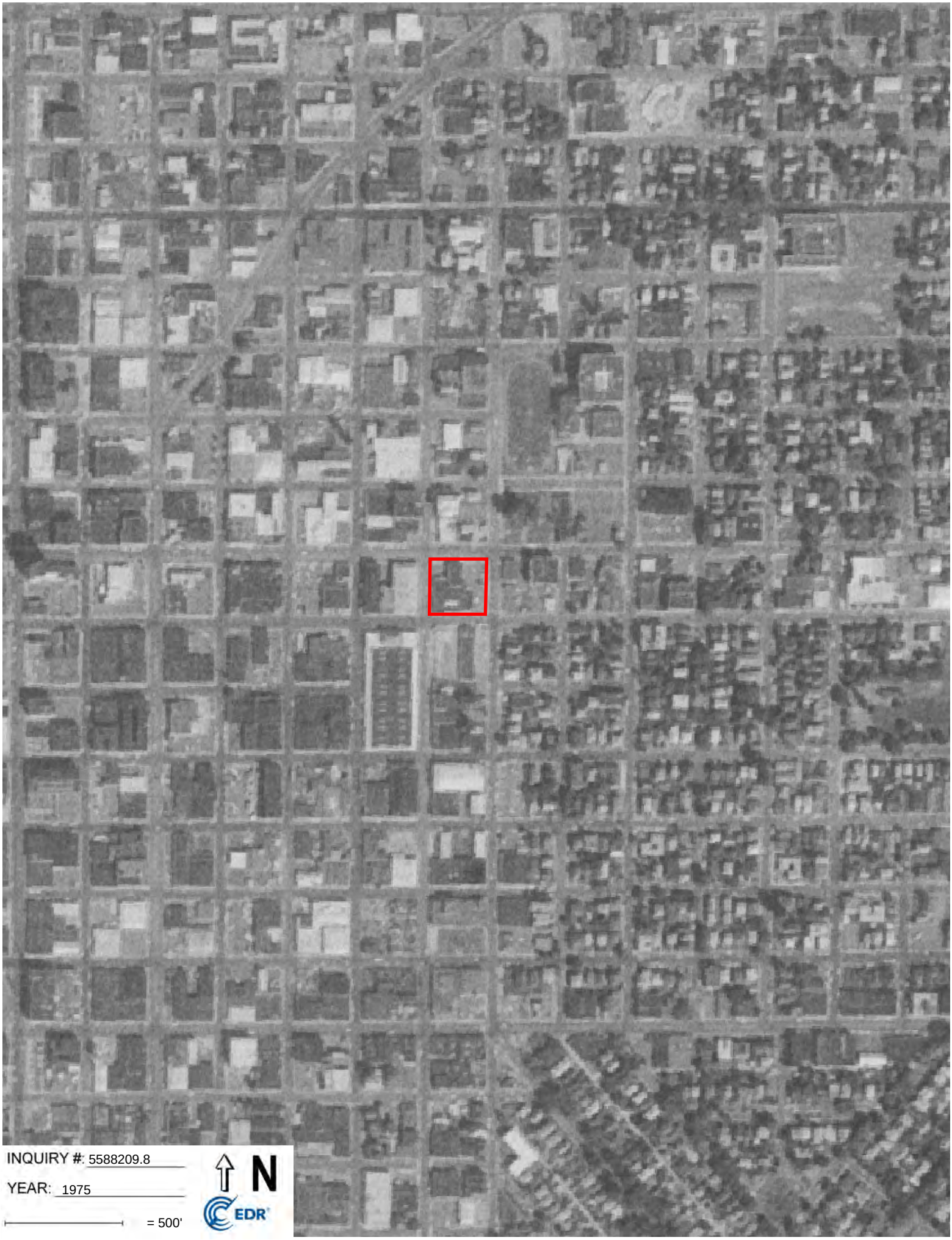
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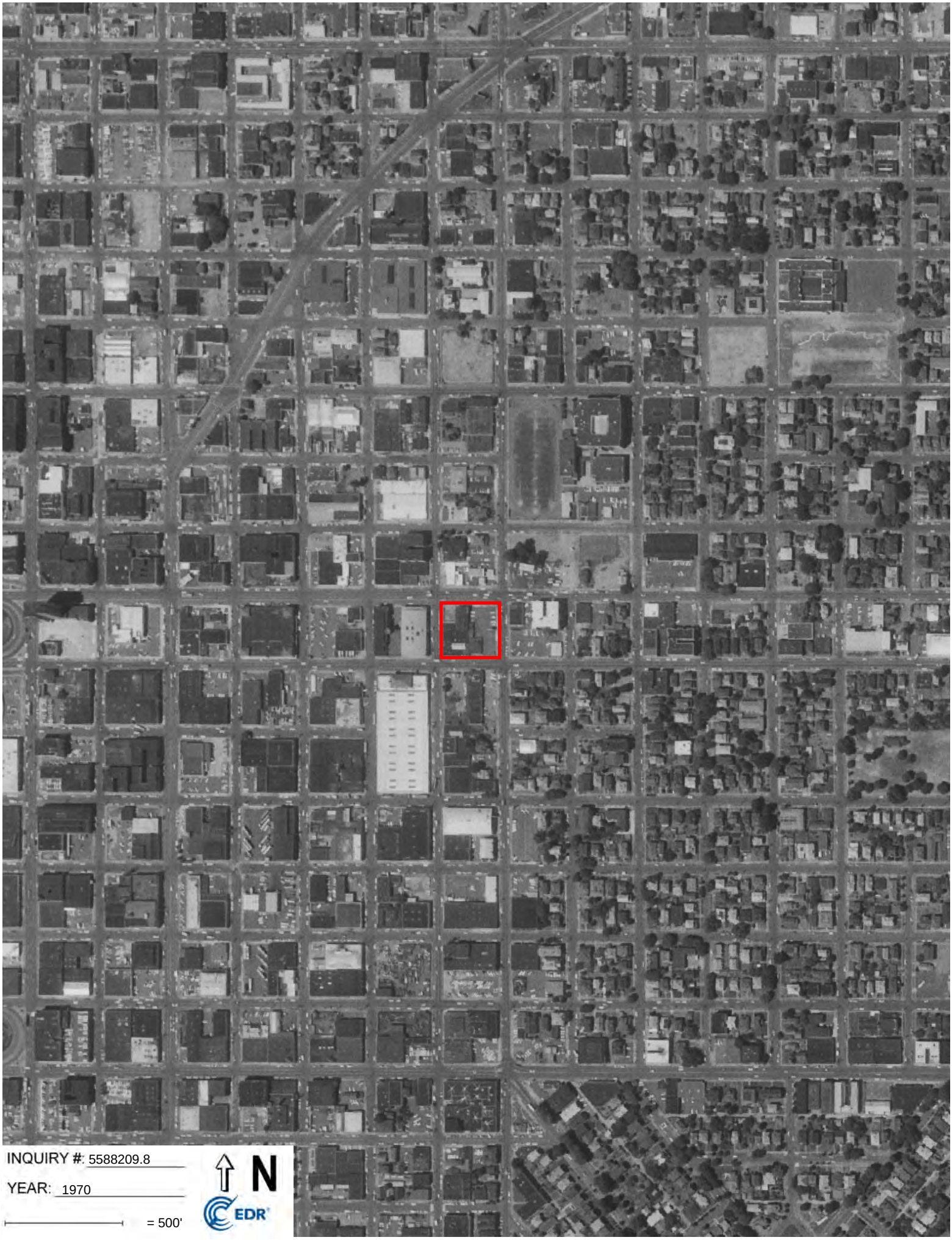
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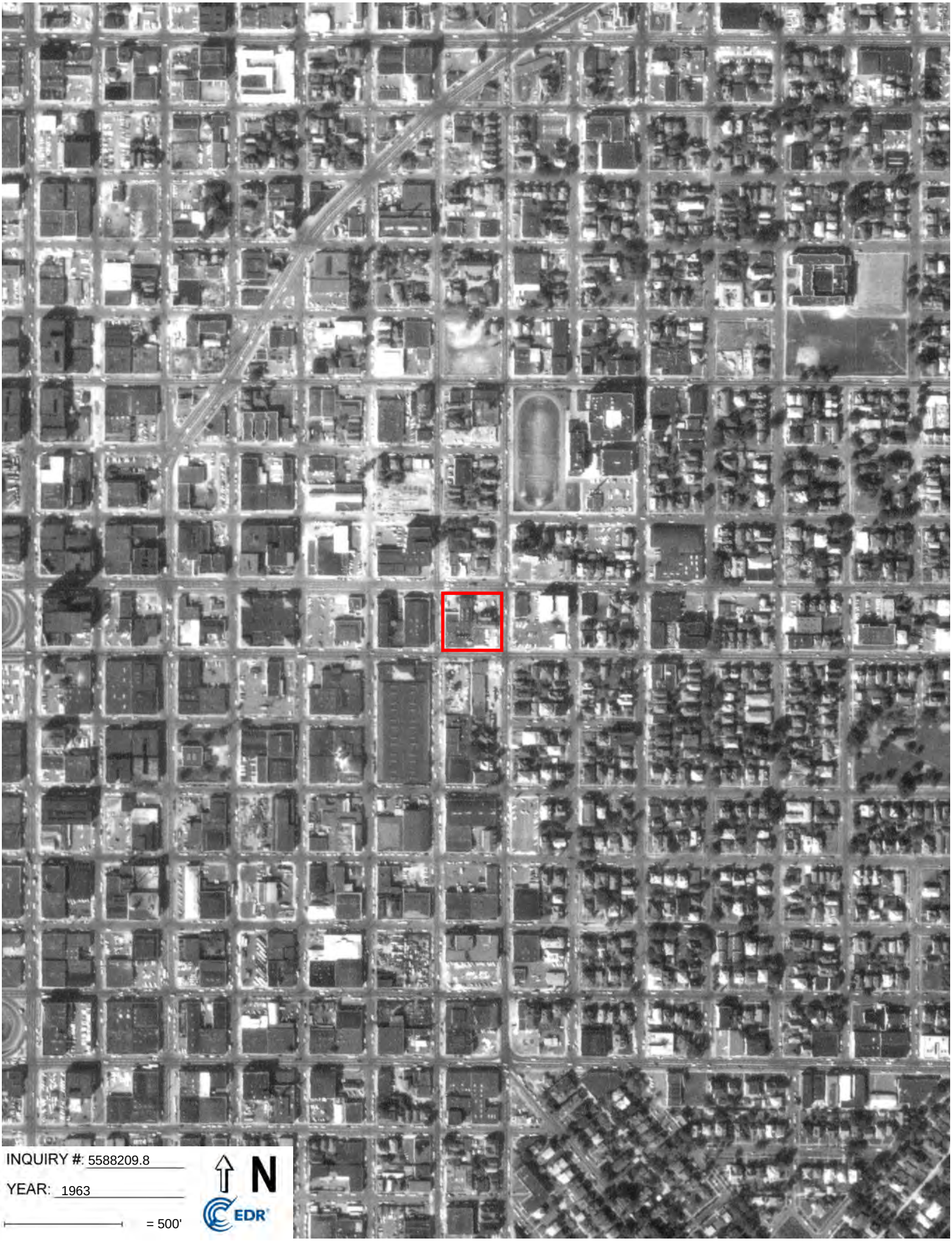
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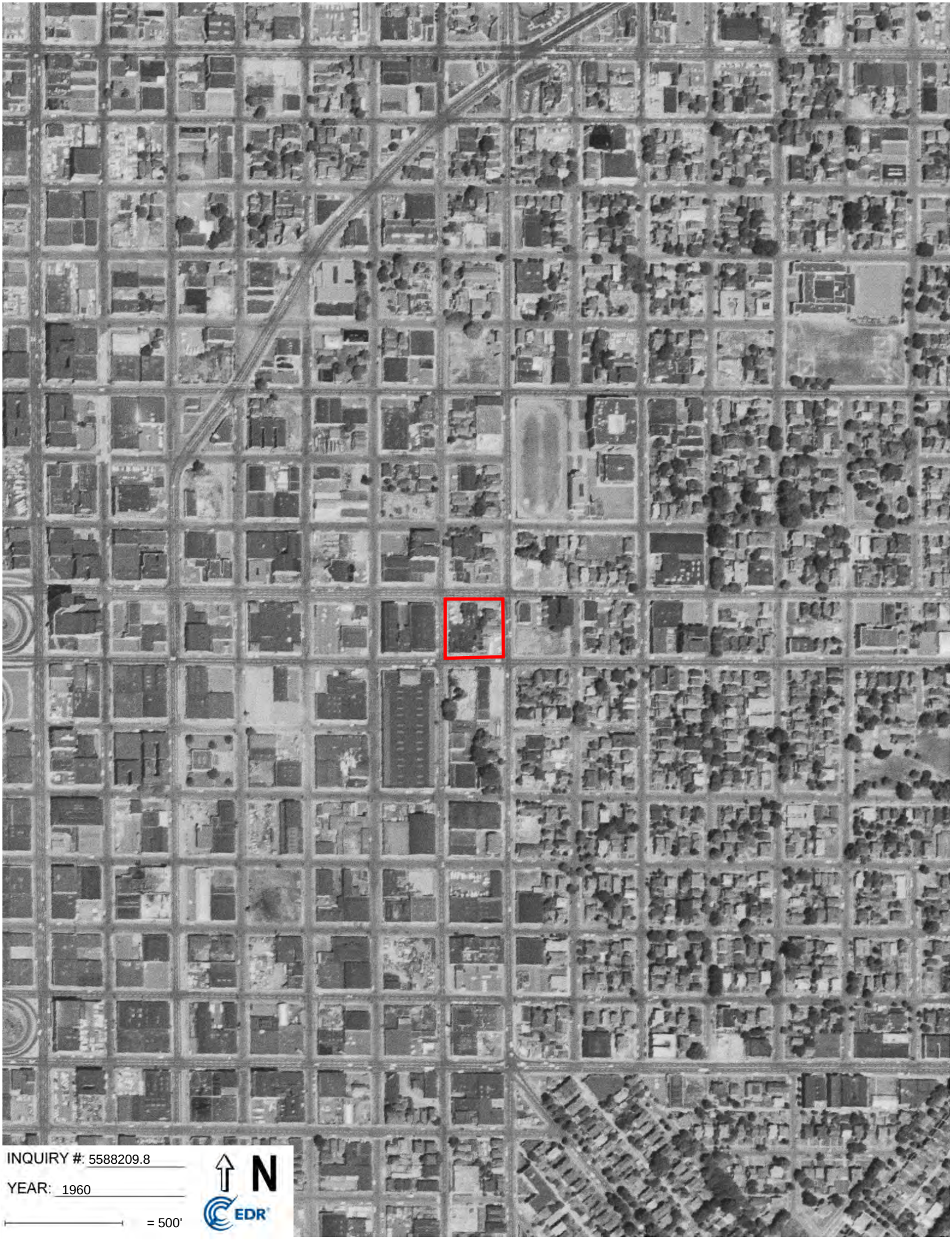
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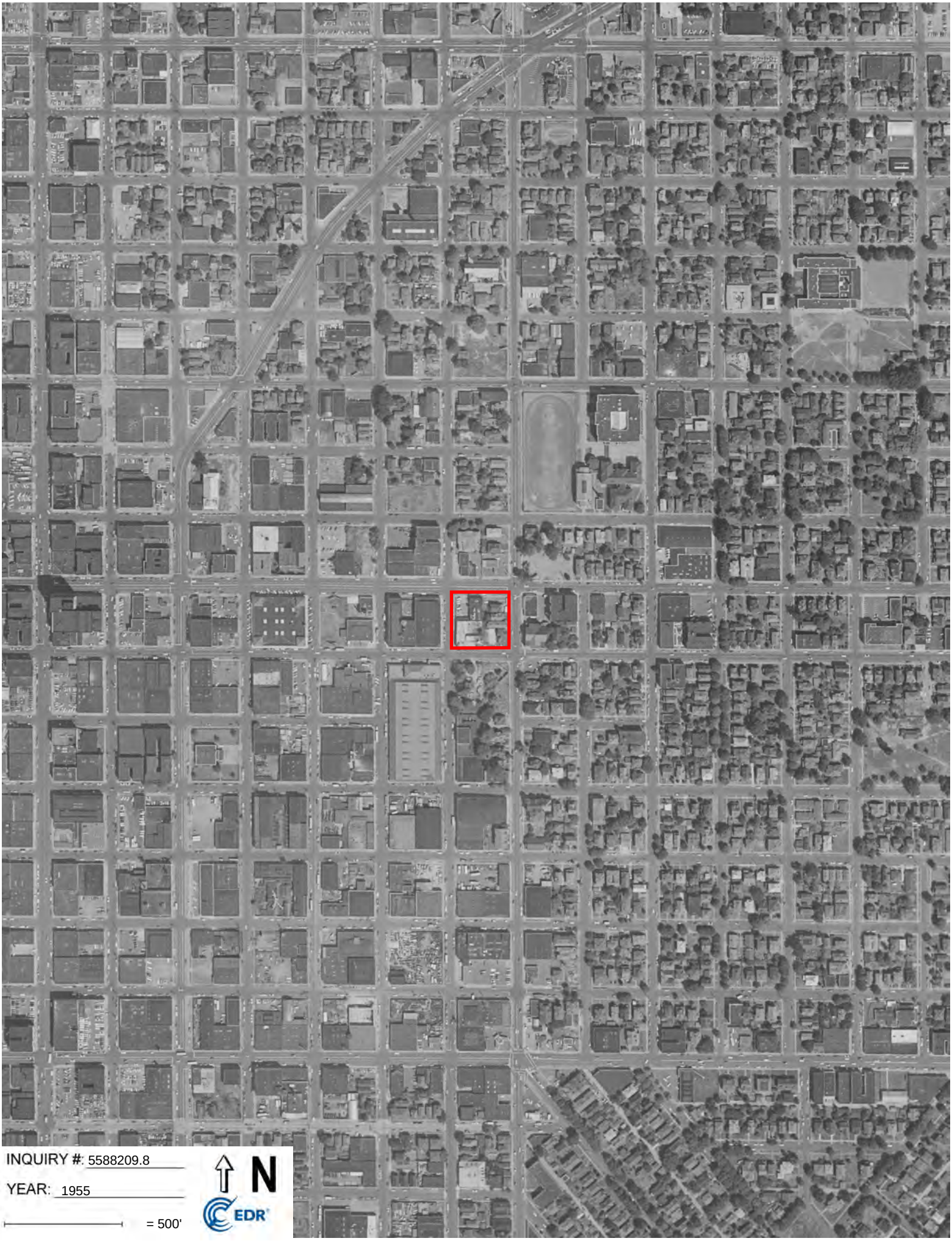
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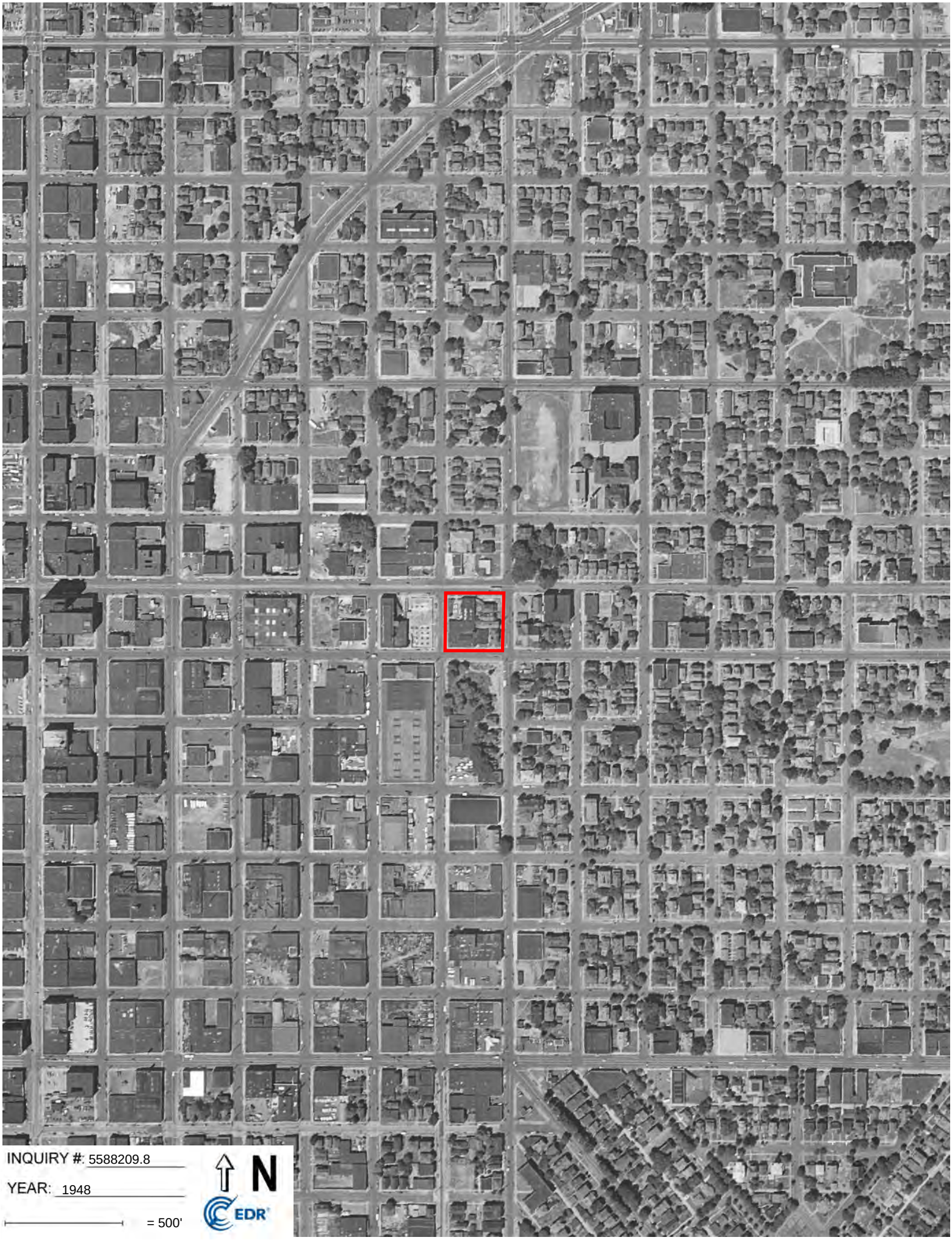
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EDR

INQUIRY #: 5588209.8
YEAR: 1936
= 500'
N
EDR

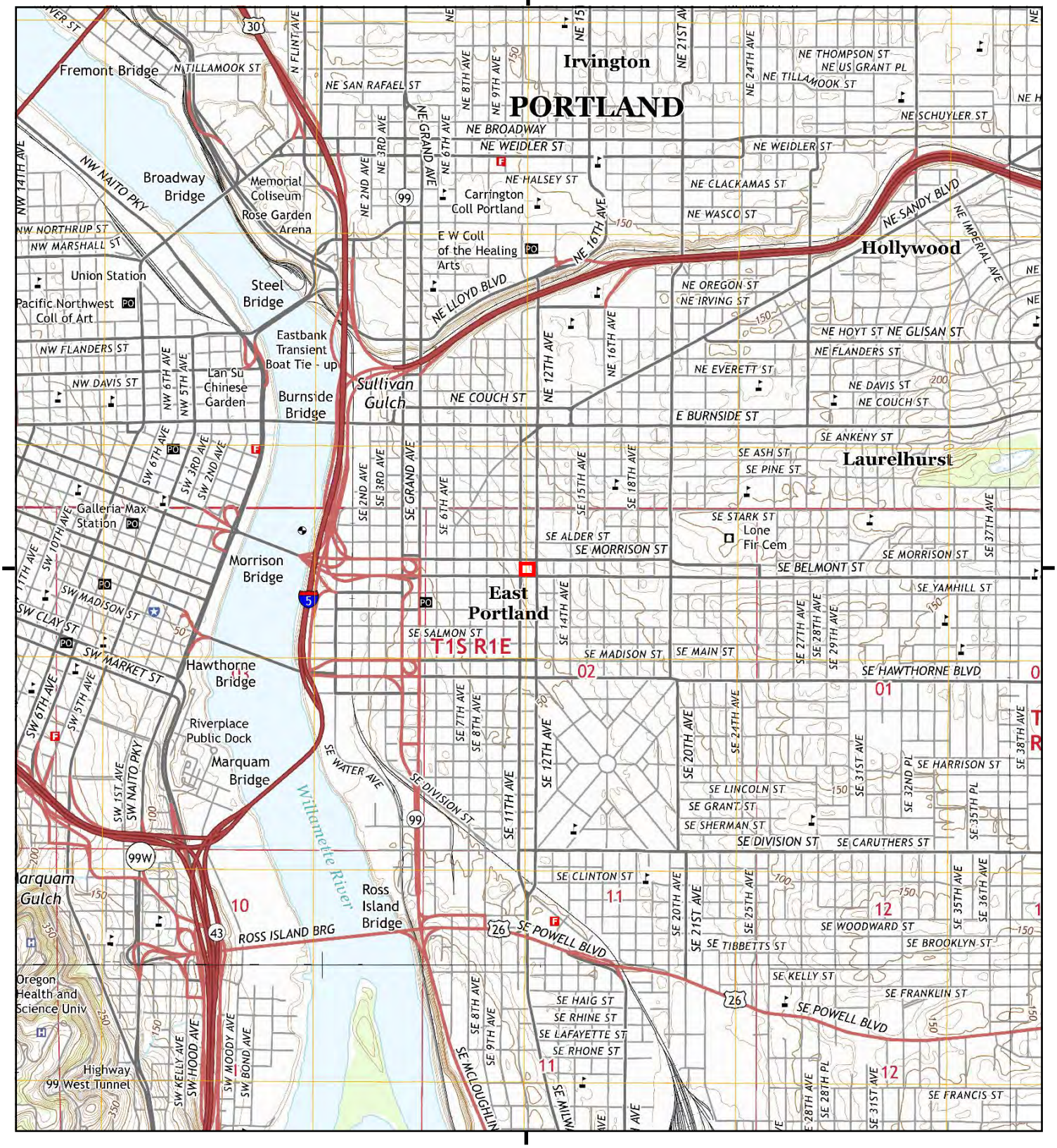
Modera Morrison
1120 SE Morrison Street
Portland, OR 97214

Inquiry Number: 5588209.4
March 12, 2019

EDR Historical Topo Map Report

with QuadMatch™

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Portland, 2014, 7.5-minute
NE, Mount Tabor, 2014, 7.5-minute
SE, Gladstone, 2014, 7.5-minute
S, Lake Oswego, 2014, 7.5-minute

SITE NAME: Modera Morrison
ADDRESS: 1120 SE Morrison Street
Portland, OR 97214
CLIENT: GeoDesign Inc.

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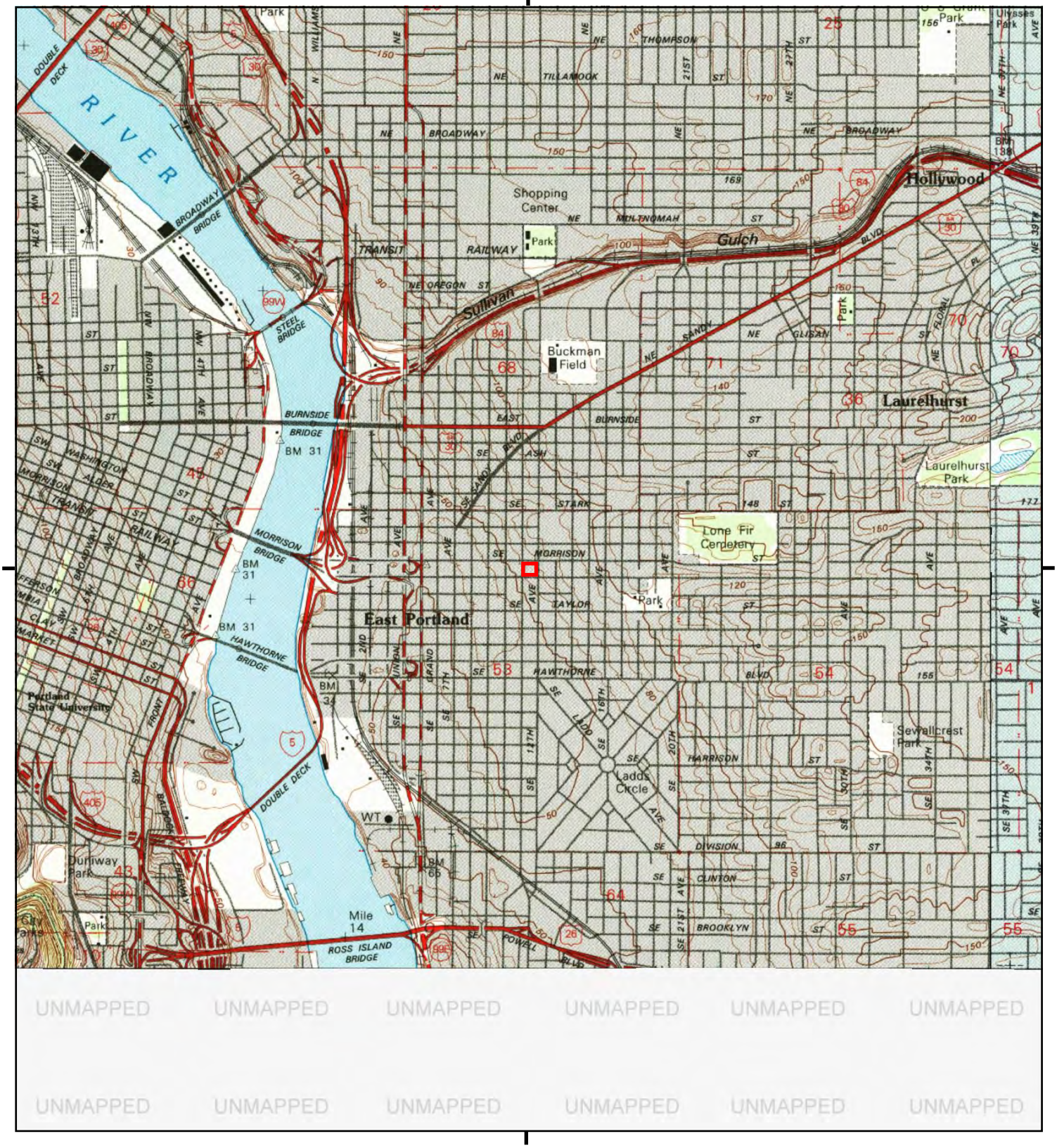

This report includes information from the following map sheet(s).

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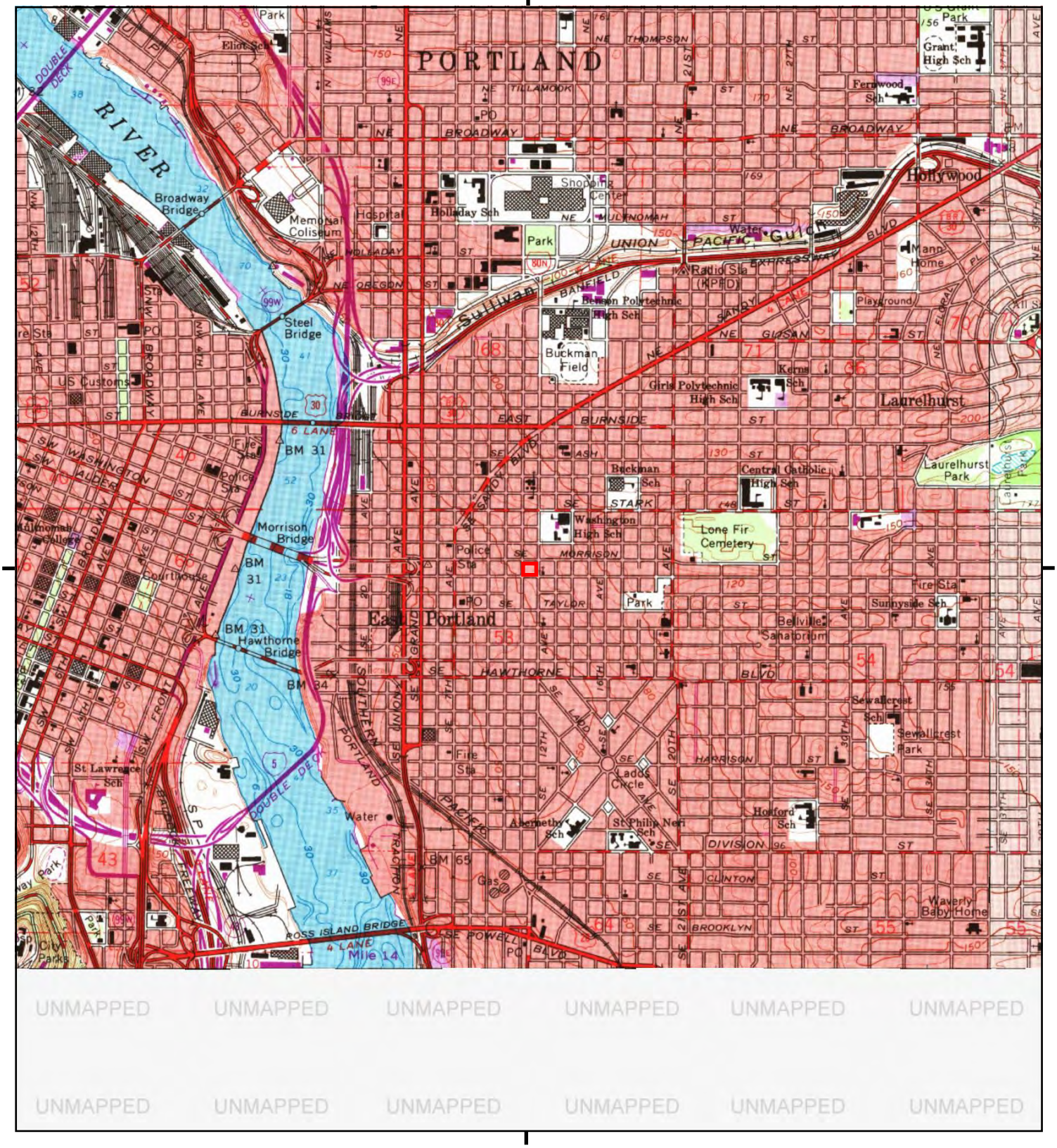
SW S SE

TP, Portland, 1995, 7.5-minute
NE, Mount Tabor, 1995, 7.5-minute

SITE NAME: Modera Morrison
ADDRESS: 1120 SE Morrison Street
Portland, OR 97214
CLIENT: GeoDesign Inc.

N



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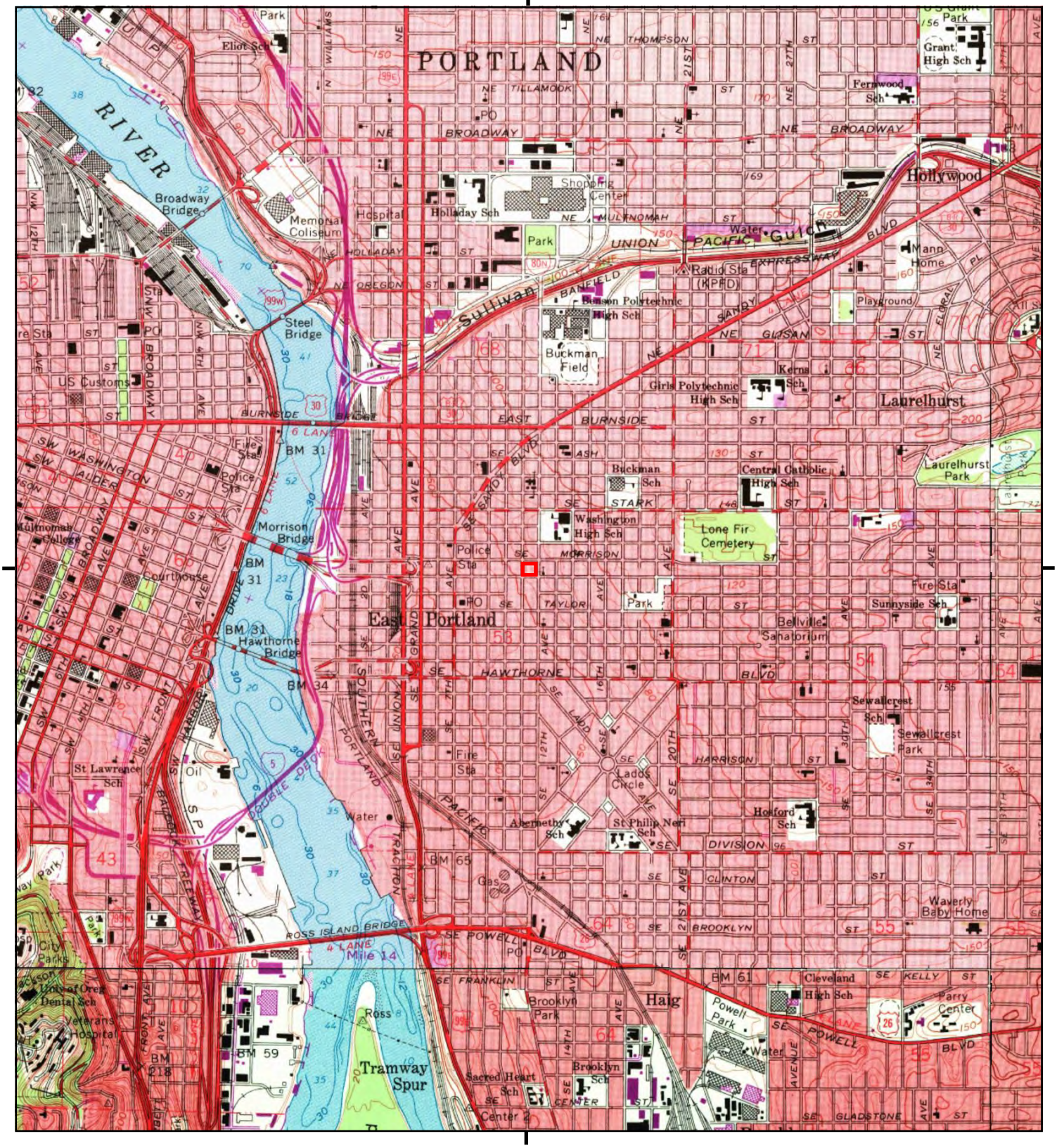
W E
SW S SE

TP, Portland, 1977, 7.5-minute
NE, Mount Tabor, 1978, 7.5-minute

SITE NAME: Modera Morrison
ADDRESS: 1120 SE Morrison Street
Portland, OR 97214
CLIENT: GeoDesign Inc.

N


PORTLAND
RIVER
East Portland
Laurelhurst
Hollywood
Haig
Broadway Bridge
Steel Bridge
Morrison Bridge
Hawthorne Bridge
Ross Island Bridge
Tramway Spur
Memorial Coliseum
Shopping Center
Lone Fir Cemetery
Buckman Field
Benson Polytechnic High Sch
Grant High Sch
Cleveland High Sch
Washington High Sch
Central Catholic High Sch
Girls Polytechnic High Sch
Sunnyside Sch
Sewallcrest Sch
Sewallcrest Park
Laurelhurst Park
Powell Park
Brooklyn Park
Ladds Circle
Waverly Baby Home
Parry Center
Veterans Hospital
Courthouse
Police Sta
Fire Sta
US Customs
Water
Gas
Oil
BM 31
BM 34
BM 65
BM 61
BM 59
BM 218
Mile 14
4 LANE
6 LANE
DOUBLE DECK
SOUTHERN PACIFIC
SW FRONTAGE
SE POWELL BLVD
SE HAWTHORNE BLVD
SE BROOKLYN
SE CLINTON
SE DIVISION
SE HARRISON
SE TAYLOR
SE MORRISON
SE STARK
SE BURNSIDE
NE BROADWAY
NE THOMPSON
NE TILLAMOOK
NE MULTNOMAH
NE HOLLADAY
NE OREGON
NE GLISAN
SW WASHINGTON
SW ALDER
SW BROADWAY
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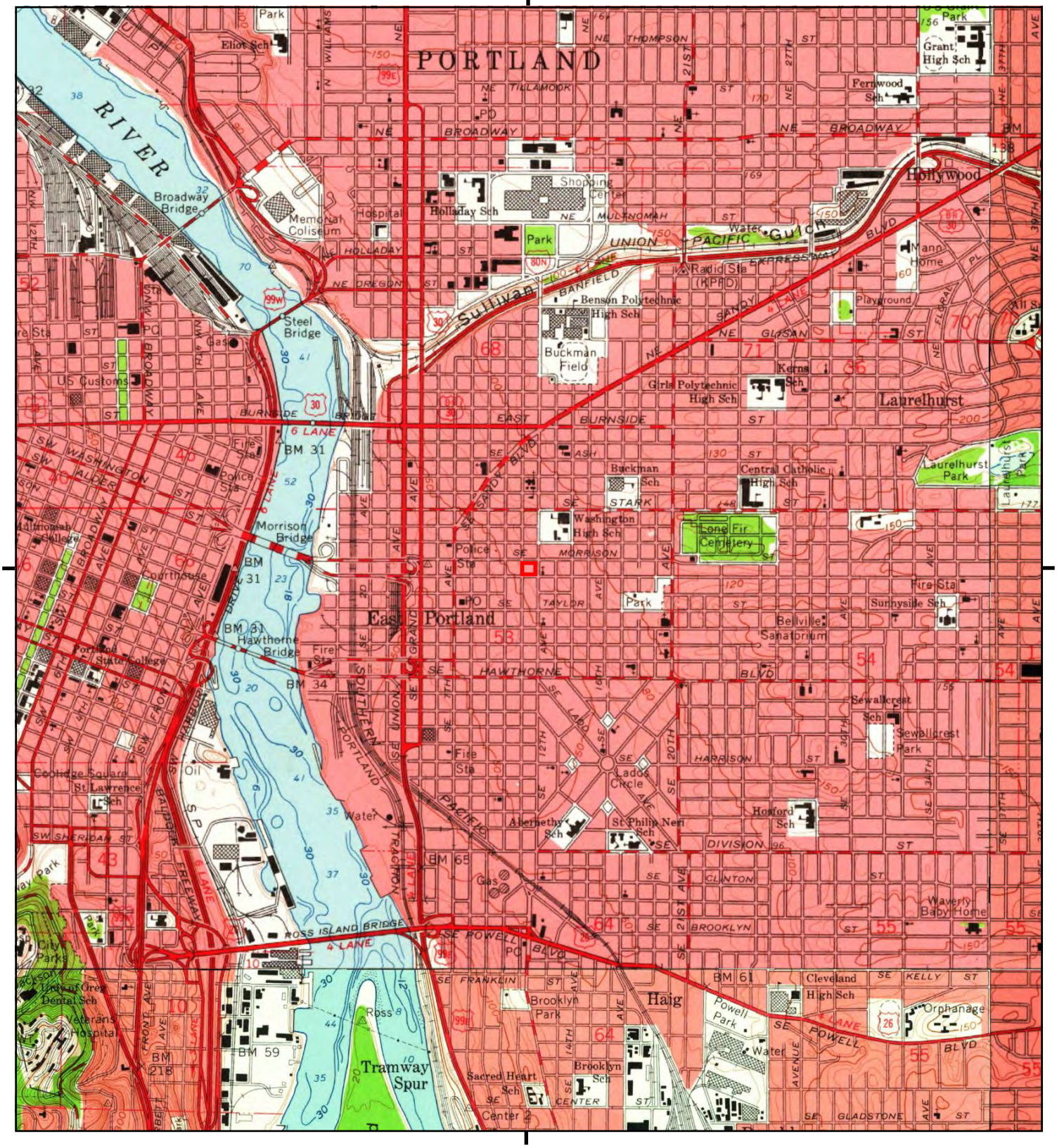
SE 4295TH AVE
SE 4298TH AVE
SE 4301ST AVE
SE 4304TH AVE
SE



This report includes information from the following map sheet(s).

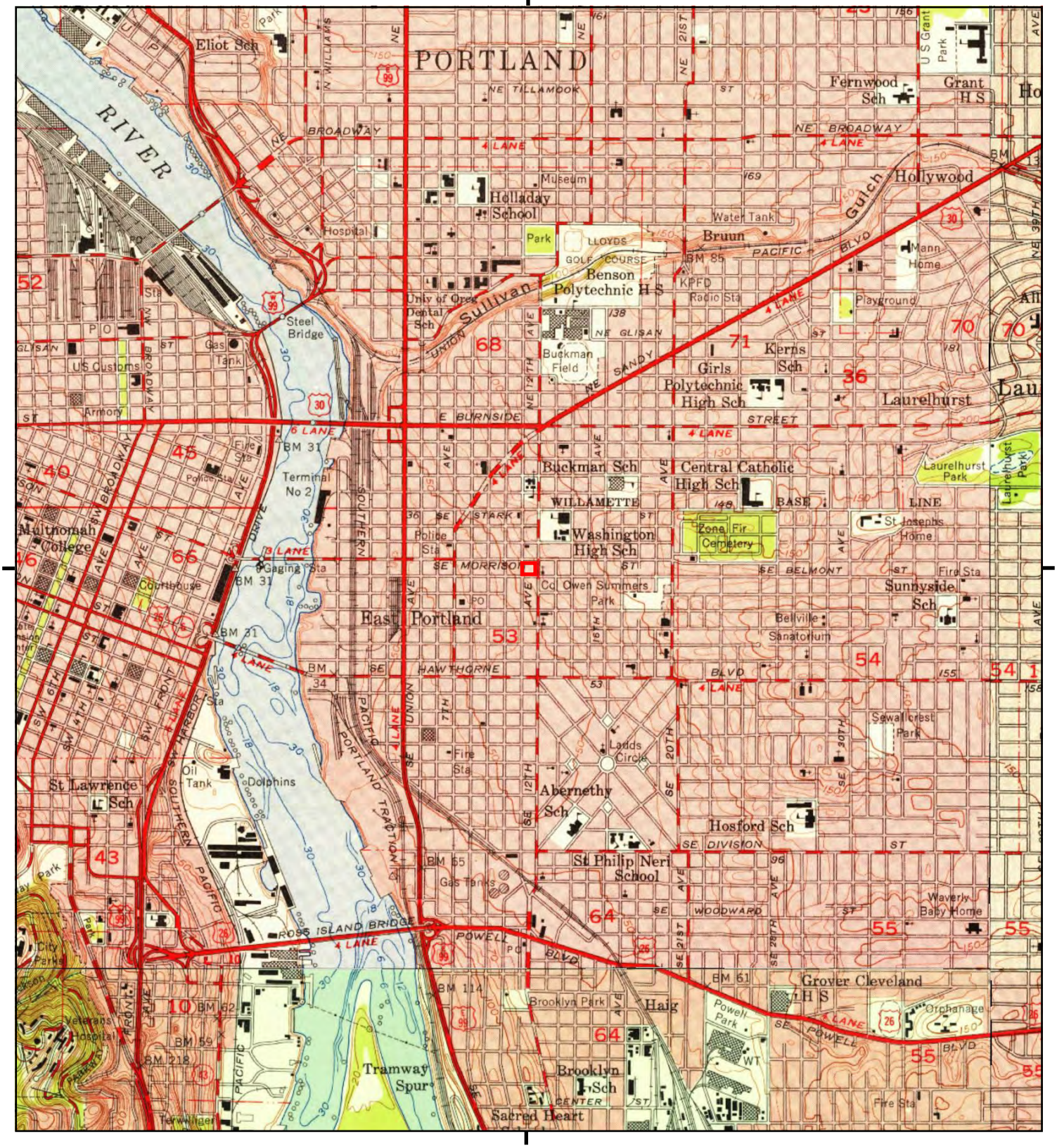
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Portland, 1961, 7.5-minute
NE, Mount Tabor, 1961, 7.5-minute
SE, Gladstone, 1961, 7.5-minute
S, Lake Oswego, 1961, 7.5-minute

SITE NAME: Modera Morrison
ADDRESS: 1120 SE Morrison Street
Portland, OR 97214
CLIENT: GeoDesign Inc.

N



This report includes information from the following map sheet(s).

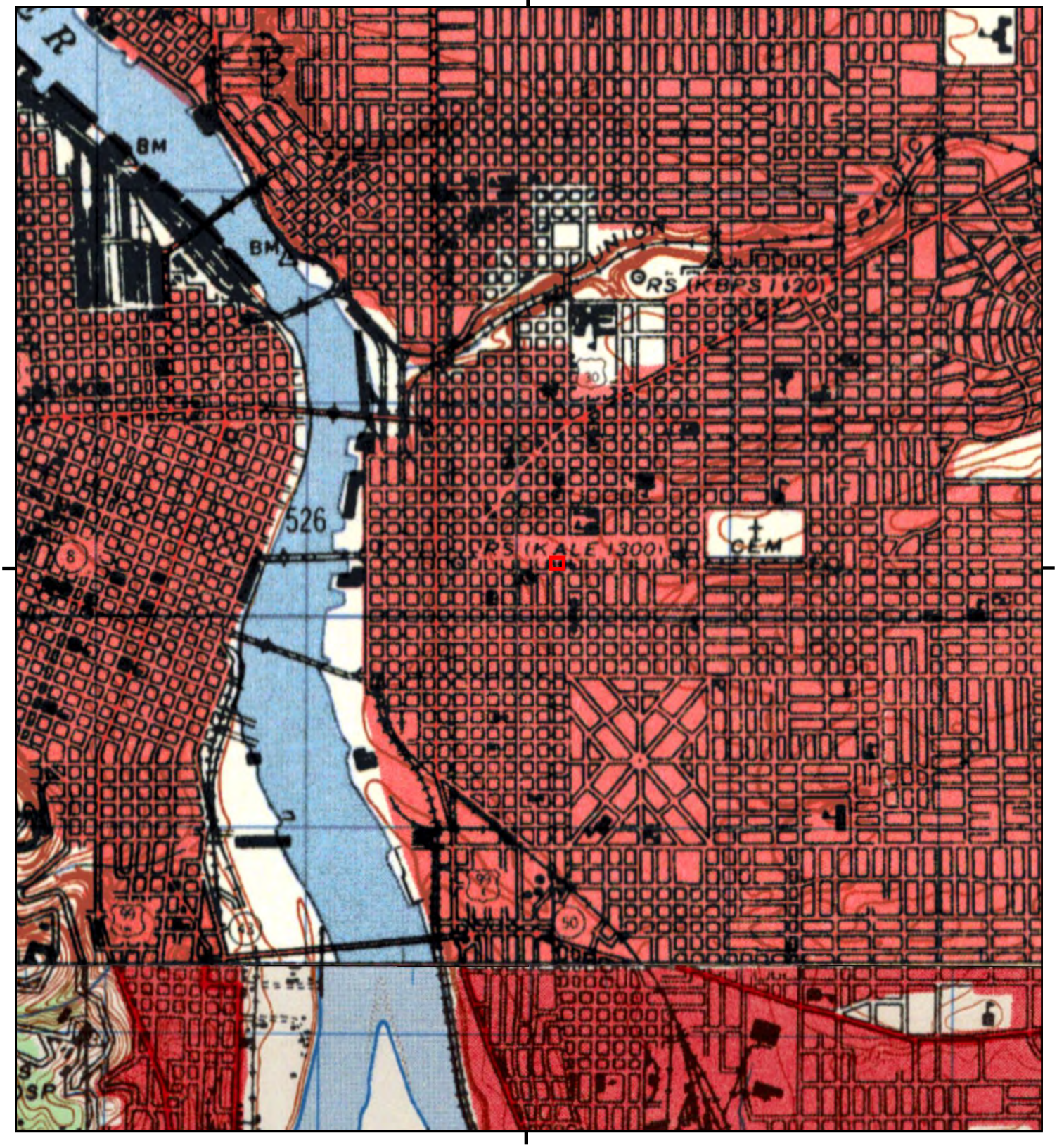
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Portland, 1954, 7.5-minute
NE, Mount Tabor, 1954, 7.5-minute
SE, Gladstone, 1954, 7.5-minute
S, Oswego, 1954, 7.5-minute

SITE NAME: Modera Morrison
ADDRESS: 1120 SE Morrison Street
Portland, OR 97214
CLIENT: GeoDesign Inc.

N



This report includes information from the following map sheet(s).

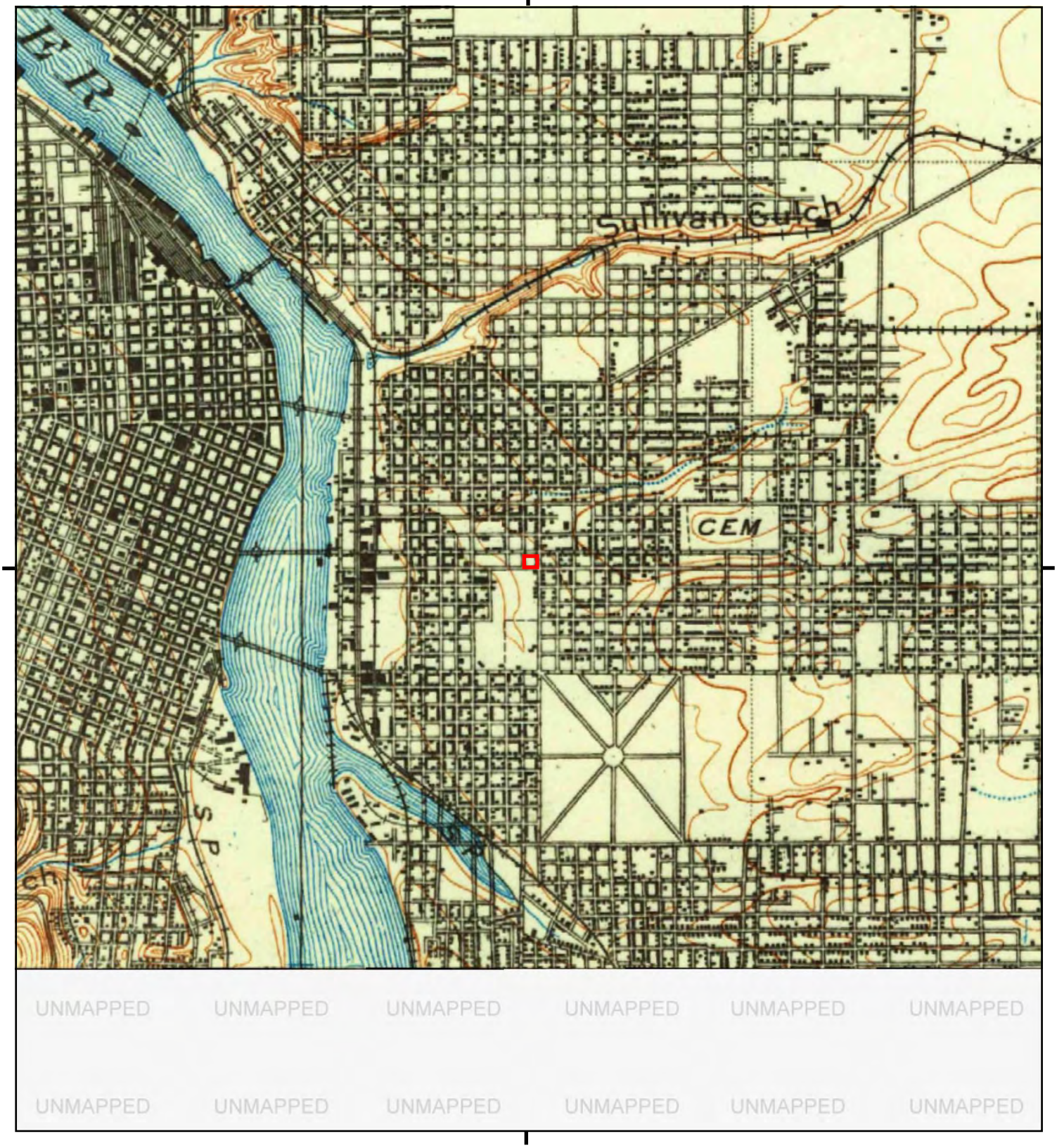
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, PORTLAND, 1940, 15-minute
S, OREGON CITY, 1939, 15-minute

SITE NAME: Modera Morrison
ADDRESS: 1120 SE Morrison Street
Portland, OR 97214
CLIENT: GeoDesign Inc.

N



This report includes information from the following map sheet(s).

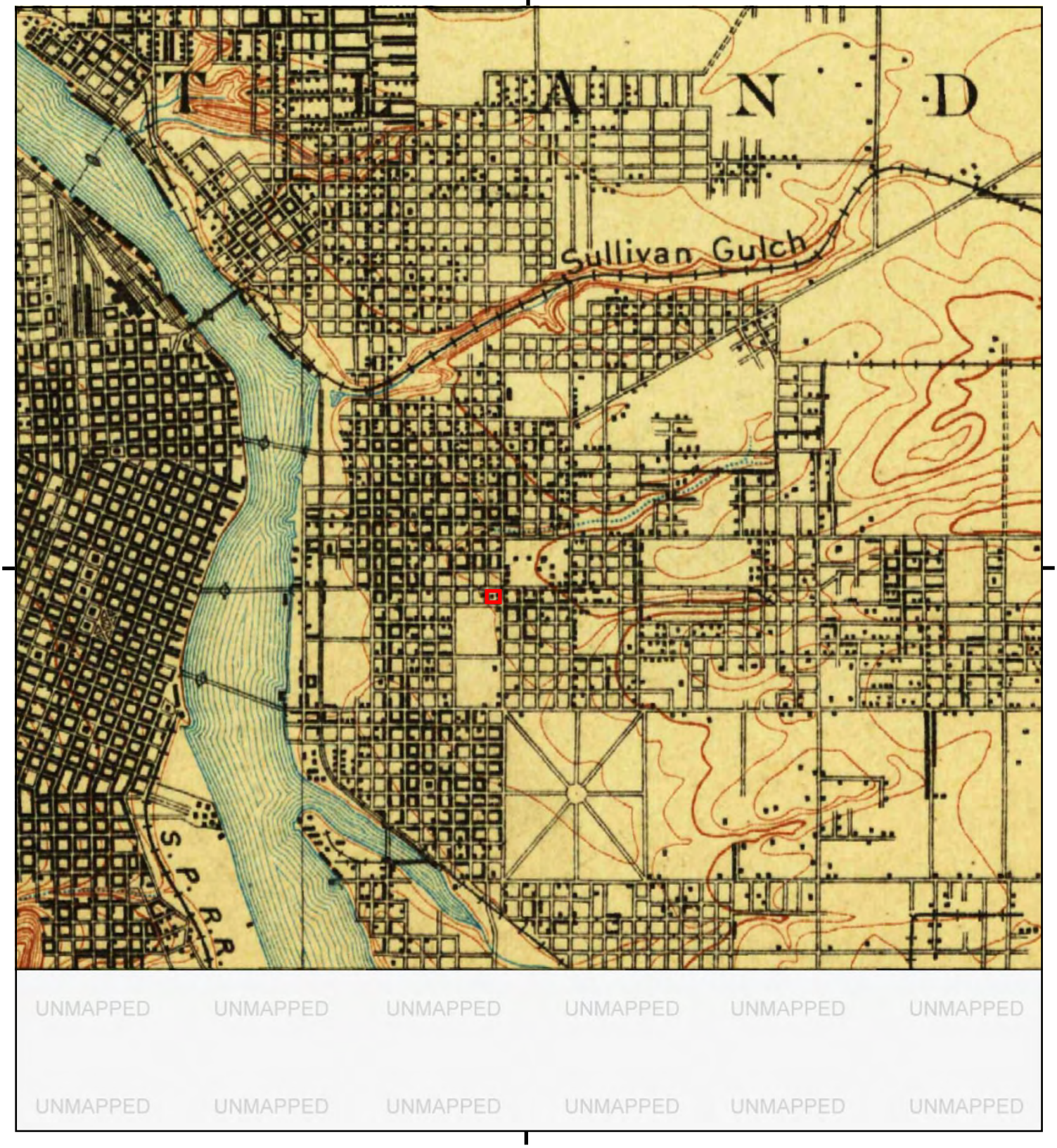
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Portland, 1905, 15-minute

SITE NAME: Modera Morrison
ADDRESS: 1120 SE Morrison Street
Portland, OR 97214
CLIENT: GeoDesign Inc.

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Portland, 1897, 15-minute

SITE NAME: Modera Morrison
ADDRESS: 1120 SE Morrison Street
Portland, OR 97214
CLIENT: GeoDesign Inc.

N

Modera Morrison
1120 SE Morrison Street
Portland, OR 97214

Inquiry Number: 5588209.5
March 13, 2019

The EDR-City Directory Abstract

Environmental Data Resources Inc
6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1924 through 2014. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 660 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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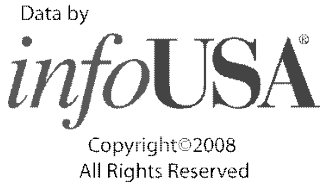

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Year	Source	TP	Adjoining	Text Abstract	Source Image
2014	EDR Digital Archive	X	X	X	-
2010	EDR Digital Archive	X	X	X	-
2005	Cole Information Services	-	X	X	X
	Cole Information Services	X	X	X	X
1992	US WEST DIRECT	-	X	X	-
1985	R. L. Polk and Co. Publishers	-	X	X	X
	R. L. Polk and Co. Publishers	X	X	X	X
1981	R.L. Polk Co. Publishers	-	X	X	X
	R.L. Polk Co. Publishers	X	X	X	X
1980	R.L. Polk Co. Publishers	-	-	-	-
1977	R.L. Polk Co. Publishers	-	X	X	X
1975	R. L. Polk and Co. Publishers	-	X	X	X

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1975	R. L. Polk and Co. Publishers	X	X	X	X
1970	R. L. Polk Co. Publishers	-	X	X	X
	R. L. Polk Co. Publishers	X	X	X	X
1967	R.L.Polk Co.	-	-	-	-
1965	R.L.Polk Co.	-	X	X	X
	R.L.Polk Co.	X	X	X	X
1960	R. L. Polk Co. Publishers	-	X	X	X
	R. L. Polk Co. Publishers	X	X	X	X
1955	R. L. Polk Co. Publishers	-	X	X	X
	R. L. Polk Co. Publishers	X	X	X	X
1950	R. L. Polk Co. Publisher	-	X	X	X
	R. L. Polk Co. Publisher	X	X	X	X
1946	The Pacific Telephone and Telegraph Company	-	X	X	-
	The Pacific Telephone and Telegraph Company	X	X	X	-
1940	R.L. Polk Co., Inc.	-	X	X	X
	R.L. Polk Co., Inc.	X	X	X	X
1935	R.L. Polk Co., Inc.	-	X	X	X
	R.L. Polk Co., Inc.	X	X	X	X
1930	R.L. Polk Co., Inc.	-	X	X	X
1924	R.L. Polk Co., Inc.	-	X	X	-

RECORD SOURCES

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Data by

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FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

1120 SE Morrison Street
Portland, OR 97214

FINDINGS DETAIL

Target Property research detail.

MORRISON SE

1120 MORRISON SE

Year	Uses	Source	
1960	Bradleys Pies Inc whol	R. L. Polk Co. Publishers	Image pg. A64
1955	Bradleys Pies Inc whol	R. L. Polk Co. Publishers	Image pg. A77
1950	ABradleys Pies Inc whol	R. L. Polk Co. Publisher	Image pg. A88
	ATracy 0 H	R. L. Polk Co. Publisher	Image pg. A88
1940	Bradleys Pies Inc whol	R.L. Polk Co., Inc.	Image pg. A97

MORRISON ST SE

1120 MORRISON ST SE

Year	Uses	Source	
1965	BRADLEY S PIES INC WHOL	R.L.Polk Co.	Image pg. A50
1935	Bradleys Pies Inc whol	R.L. Polk Co., Inc.	Image pg. A108

SE Morrison St

1120 SE Morrison St

Year	Uses	Source
2014	A & F MARKETING	EDR Digital Archive
	A & S MARKETING INC	EDR Digital Archive
	AJP NORTHWEST INC	EDR Digital Archive
	CPM MANAGEMENT INC	EDR Digital Archive
2010	A & F MARKETING	EDR Digital Archive
	A & S MARKETING INC	EDR Digital Archive
	AJP NORTHWEST INC	EDR Digital Archive
	CIGARETTE SHOP N SAVE INC	EDR Digital Archive
	CPM MANAGEMENT INC	EDR Digital Archive
	WATSON QUICK INC	EDR Digital Archive

FINDINGS

SE MORRISON ST

1120 SE MORRISON ST

Year	Uses	Source	
2005	A & S Marketing Inc	Cole Information Services	Image pg. A1
	AJP Northwest Inc	Cole Information Services	Image pg. A1
	Cigarette Shop N Save	Cole Information Services	Image pg. A1
1985	Associated Janitor & Paper Co	R. L. Polk and Co. Publishers	Image pg. A7
	Bernstein Brothers whol tobacco	R. L. Polk and Co. Publishers	Image pg. A7
	paper prods	R. L. Polk and Co. Publishers	Image pg. A7
1981	Bernstein Brothers Whle	R.L. Polk Co. Publishers	Image pg. A18
1975	Bernstein Brothers Whse	R. L. Polk and Co. Publishers	Image pg. A28
1970	BRADLEYS PIES INC WHOL	R. L. Polk Co. Publishers	Image pg. A39
1946	Bradleys Pies Inc	The Pacific Telephone and Telegraph Company	

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

10TH AVE SE

606 10TH AVE SE

Year	Uses	Source	
1960	White Ralph W	R. L. Polk Co. Publishers	Image pg. A65

614 10TH AVE SE

Year	Uses	Source	
1965	MARKEN JEANE MRS	R.L.Polk Co.	Image pg. A51
1960	A CA FROM 3 774r	R. L. Polk Co. Publishers	Image pg. A65
	Frock Clara J	R. L. Polk Co. Publishers	Image pg. A65
1955	Garner Frank A	R. L. Polk Co. Publishers	Image pg. A78
1950	ABailey P B Mrs B	R. L. Polk Co. Publisher	Image pg. A89
1940	Bailey Pauline E Mrs	R.L. Polk Co., Inc.	Image pg. A98
1935	Bailey Plauline Mrs	R.L. Polk Co., Inc.	Image pg. A109

615 10TH AVE SE

Year	Uses	Source	
1955	Vacant	R. L. Polk Co. Publishers	Image pg. A78
1950	Claxton E C	R. L. Polk Co. Publisher	Image pg. A89
1940	Chandler Arth N	R.L. Polk Co., Inc.	Image pg. A98
	Beyer Paul W	R.L. Polk Co., Inc.	Image pg. A98
1935	f 125 Baker Harry G	R.L. Polk Co., Inc.	Image pg. A109
	Martin Albert	R.L. Polk Co., Inc.	Image pg. A109

632 10TH AVE SE

Year	Uses	Source	
1940	Criteser Morgan P	R.L. Polk Co., Inc.	Image pg. A98
	Waymire Anna J Mrs	R.L. Polk Co., Inc.	Image pg. A98
	Vine Wm	R.L. Polk Co., Inc.	Image pg. A98
	Summerville R L	R.L. Polk Co., Inc.	Image pg. A98
1935	Harris Larry A	R.L. Polk Co., Inc.	Image pg. A109

FINDINGS

636 10TH AVE SE

Year	Uses	Source	
1965	UNITED SALAD 6 PRODUCE CO INC PROD DLRS	R.L.Polk Co.	Image pg. A51

705 10TH AVE SE

Year	Uses	Source	
1950	Ferrler M M Mrs	R. L. Polk Co. Publisher	Image pg. A89
1940	Berube Virgil N	R.L. Polk Co., Inc.	Image pg. A98
1935	Lonmnel Anton	R.L. Polk Co., Inc.	Image pg. A109

715 10TH AVE SE

Year	Uses	Source	
1965	OREGON AUTO SPRING SERVICE INC PARTS MFRS	R.L.Polk Co.	Image pg. A51
1950	AWatson Jeff	R. L. Polk Co. Publisher	Image pg. A89
1940	Johnson John	R.L. Polk Co., Inc.	Image pg. A98
	Peterson Herman G	R.L. Polk Co., Inc.	Image pg. A98
	Baird Lydia Mrs	R.L. Polk Co., Inc.	Image pg. A98
	Harding Agnes J Mrs	R.L. Polk Co., Inc.	Image pg. A98
	Watson Jeff	R.L. Polk Co., Inc.	Image pg. A98
1935	Watson Jeff	R.L. Polk Co., Inc.	Image pg. A109
	Giese Win H	R.L. Polk Co., Inc.	Image pg. A109

723 10TH AVE SE

Year	Uses	Source	
1950	Adams M M Mrs	R. L. Polk Co. Publisher	Image pg. A89
1940	Gyorgyewitz Emilie Mrs	R.L. Polk Co., Inc.	Image pg. A98
1935	Miehle Ernest	R.L. Polk Co., Inc.	Image pg. A109

735 10TH AVE SE

Year	Uses	Source	
1935	George Sophia	R.L. Polk Co., Inc.	Image pg. A109

800 10TH AVE SE

Year	Uses	Source	
1965	PERFECT PIT MFC CO AUTO SEAT COVERS	R.L.Polk Co.	Image pg. A51
1960	covers	R. L. Polk Co. Publishers	Image pg. A65
	covers	R. L. Polk Co. Publishers	Image pg. A65
	Perfect Fit Mfg Co au lto seat	R. L. Polk Co. Publishers	Image pg. A65
1955	Kirby Parts Corp	R. L. Polk Co. Publishers	Image pg. A78

FINDINGS

Year	Uses	Source	
1955	Westerners Inc sls promotion	R. L. Polk Co. Publishers	Image pg. A78
1950	ACity Linen Coat Apron	R. L. Polk Co. Publisher	Image pg. A89
	Towel Supply Co	R. L. Polk Co. Publisher	Image pg. A89
1940	Vacant	R.L. Polk Co., Inc.	Image pg. A98
1935	Yale UInion Laundry	R.L. Polk Co., Inc.	Image pg. A109

910 10TH AVE SE

Year	Uses	Source	
1965	80 BS QUALITY PRODUCE WHOL	R.L.Polk Co.	Image pg. A51
1960	Qtcirolo Losie J whol prod	R. L. Polk Co. Publishers	Image pg. A65

915 10TH AVE SE

Year	Uses	Source	
1965	COASTAL BROKERAGE PRODUCE BROKERAGE	R.L.Polk Co.	Image pg. A51
	GOURMET FOOD PRODUCTS INC WHOL	R.L.Polk Co.	Image pg. A51
	BAR TUR FOOD INC IBRI WHOL GRO	R.L.Polk Co.	Image pg. A51
1960	Merchants Whiol Prod Co Inc	R. L. Polk Co. Publishers	Image pg. A65
1955	Merchants Whol Prod Co Inc	R. L. Polk Co. Publishers	Image pg. A78
1950	AA 11 State Produce Co	R. L. Polk Co. Publisher	Image pg. A89

917 10TH AVE SE

Year	Uses	Source	
1950	ABelmont Club Smoke	R. L. Polk Co. Publisher	Image pg. A89
	Shop cigars	R. L. Polk Co. Publisher	Image pg. A89

921 10TH AVE SE

Year	Uses	Source	
1965	MARKET CLUB RESTAURANT	R.L.Polk Co.	Image pg. A51
	REAR GATTO C SONS CARD ROOM	R.L.Polk Co.	Image pg. A51
1960	Market Cil Ib Restr	R. L. Polk Co. Publishers	Image pg. A65
	rellr Jolinson Card Room	R. L. Polk Co. Publishers	Image pg. A65
1955	Market Club Restr	R. L. Polk Co. Publishers	Image pg. A78
1950	AMarket Club Restr	R. L. Polk Co. Publisher	Image pg. A89
1940	Market Club restr and	R.L. Polk Co., Inc.	Image pg. A98
	bowling	R.L. Polk Co., Inc.	Image pg. A98
1935	Market Club restr billiards	R.L. Polk Co., Inc.	Image pg. A109
	and bowling	R.L. Polk Co., Inc.	Image pg. A109

FINDINGS

927 10TH AVE SE

Year	Uses	Source	
1965	GATTO E SONS WHOL FRUIT AND	R.L.Polk Co.	Image pg. A51
1960	Gatto & Sons wliol fruit a Ind prod	R. L. Polk Co. Publishers	Image pg. A65
1955	Gatto & Sons whol fruit & gro	R. L. Polk Co. Publishers	Image pg. A78
1950	A Gatto & Sons Inc whol	R. L. Polk Co. Publisher	Image pg. A89
1940	Gatto & Sons whol fruits	R.L. Polk Co., Inc.	Image pg. A98
1935	whlol	R.L. Polk Co., Inc.	Image pg. A109
	Pioneer Fruit Distributors	R.L. Polk Co., Inc.	Image pg. A109

935 10TH AVE SE

Year	Uses	Source	
1965	IWHSEJ	R.L.Polk Co.	Image pg. A51
	LEMBCKE 0 S WOOD SHAVINGS CO	R.L.Polk Co.	Image pg. A51
1960	Manriltsg Frt Lines Mbr	R. L. Polk Co. Publishers	Image pg. A65
	rellr Jolinson Card Room	R. L. Polk Co. Publishers	Image pg. A65
1955	Ferney Frt Lines auto frt	R. L. Polk Co. Publishers	Image pg. A78
1950	AForney & Sons Inc whol	R. L. Polk Co. Publisher	Image pg. A89
	AForney Frt Lines auto	R. L. Polk Co. Publisher	Image pg. A89
1940	Forney & Sons Inc produce	R.L. Polk Co., Inc.	Image pg. A98
	Mahakian Chas E fruits	R.L. Polk Co., Inc.	Image pg. A98
1935	West Coast Fruit Co	R.L. Polk Co., Inc.	Image pg. A109
	H & K Produce Co	R.L. Polk Co., Inc.	Image pg. A109

940 10TH AVE SE

Year	Uses	Source	
1965	FAZZIO CHARLES PRODUCE PRODUCE WHOL	R.L.Polk Co.	Image pg. A51

1000 10TH AVE SE

Year	Uses	Source	
1965	S J PRODUCE WHOL	R.L.Polk Co.	Image pg. A51
1960	S T Prodluco wliol	R. L. Polk Co. Publishers	Image pg. A65

1014 10TH AVE SE

Year	Uses	Source	
1960	Camp Holen M	R. L. Polk Co. Publishers	Image pg. A65

FINDINGS

11TH AVE SE

602 11TH AVE SE

Year	Uses	Source	
1960	Peterson Body Serv auto reprs	R. L. Polk Co. Publishers	Image pg. A67

603 11TH AVE SE

Year	Uses	Source	
1960	Vacailt	R. L. Polk Co. Publishers	Image pg. A67
1955	Haley Jean M Mrs	R. L. Polk Co. Publishers	Image pg. A80
1950	AHaley J M Mrs	R. L. Polk Co. Publisher	Image pg. A90
1940	Zollner Geo	R.L. Polk Co., Inc.	Image pg. A99
1935	Zollner Geo	R.L. Polk Co., Inc.	Image pg. A111

604 11TH AVE SE

Year	Uses	Source	
1955	Riggs Edith Mrs	R. L. Polk Co. Publishers	Image pg. A80
1950	APurvis Clifford	R. L. Polk Co. Publisher	Image pg. A90
1940	Vacant	R.L. Polk Co., Inc.	Image pg. A99
1935	Imai Suiyoshi	R.L. Polk Co., Inc.	Image pg. A111

608 11TH AVE SE

Year	Uses	Source	
1955	Smith Irvine O	R. L. Polk Co. Publishers	Image pg. A80
1950	AOlson Victoria L	R. L. Polk Co. Publisher	Image pg. A90
1940	Vacant	R.L. Polk Co., Inc.	Image pg. A99
1935	Olson Victoria L	R.L. Polk Co., Inc.	Image pg. A111

614 11TH AVE SE

Year	Uses	Source	
1955	Wilson La Vois Mrs	R. L. Polk Co. Publishers	Image pg. A80
1950	ABuchanan F L	R. L. Polk Co. Publisher	Image pg. A90
1940	Thomas Matilda Mrs	R.L. Polk Co., Inc.	Image pg. A99
1935	Cox Norris M	R.L. Polk Co., Inc.	Image pg. A111

615 11TH AVE SE

Year	Uses	Source	
1960	May John	R. L. Polk Co. Publishers	Image pg. A67
1955	Hong Yee Y	R. L. Polk Co. Publishers	Image pg. A80
	Dennis Maxine	R. L. Polk Co. Publishers	Image pg. A80
1950	AHong Yee Y	R. L. Polk Co. Publisher	Image pg. A90

FINDINGS

Year	Uses	Source	
1950	ACarlson M B	R. L. Polk Co. Publisher	Image pg. A90
1940	Stuckley Allie M Mrs	R.L. Polk Co., Inc.	Image pg. A99
	Apartments	R.L. Polk Co., Inc.	Image pg. A99
	Condit Ida Mrs	R.L. Polk Co., Inc.	Image pg. A99
	Dugan Nellie Mrs	R.L. Polk Co., Inc.	Image pg. A99
	Kassebaum Freada F Mrs	R.L. Polk Co., Inc.	Image pg. A99
	Noland Melvin E	R.L. Polk Co., Inc.	Image pg. A99
	Petersen Alvin E	R.L. Polk Co., Inc.	Image pg. A99
1935	Apartments	R.L. Polk Co., Inc.	Image pg. A111
	Stargaggai Jack	R.L. Polk Co., Inc.	Image pg. A111
	Vacant	R.L. Polk Co., Inc.	Image pg. A111
	Dilly Julia Mrs	R.L. Polk Co., Inc.	Image pg. A111
	Mc Call Frances Mrs	R.L. Polk Co., Inc.	Image pg. A111
	IITH AV SE FROM Contd	R.L. Polk Co., Inc.	Image pg. A112
	Apartments Contd	R.L. Polk Co., Inc.	Image pg. A112
	Sawyer Harry	R.L. Polk Co., Inc.	Image pg. A112
	Vacant	R.L. Polk Co., Inc.	Image pg. A112
	Campbell Clifford	R.L. Polk Co., Inc.	Image pg. A112
	Condit Ida Mrs	R.L. Polk Co., Inc.	Image pg. A112
	Street continued	R.L. Polk Co., Inc.	Image pg. A112
	Marks Sami	R.L. Polk Co., Inc.	Image pg. A111

622 11TH AVE SE

Year	Uses	Source	
1960	Silceox Ieleni F Mrs	R. L. Polk Co. Publishers	Image pg. A67
1955	Jones Geo E	R. L. Polk Co. Publishers	Image pg. A80
1950	AHancock J W	R. L. Polk Co. Publisher	Image pg. A90
1940	Klohk Herbert A	R.L. Polk Co., Inc.	Image pg. A99
1935	Schook Roy	R.L. Polk Co., Inc.	Image pg. A112

623 11TH AVE SE

Year	Uses	Source	
1940	Vacant	R.L. Polk Co., Inc.	Image pg. A99
1935	Zimmerman Louis W	R.L. Polk Co., Inc.	Image pg. A112

630 11TH AVE SE

Year	Uses	Source	
1960	Greenwald Louis F	R. L. Polk Co. Publishers	Image pg. A67
1955	Greenwald Louis F	R. L. Polk Co. Publishers	Image pg. A80

FINDINGS

Year	Uses	Source	
1950	AWonderling Truman	R. L. Polk Co. Publisher	Image pg. A90
1940	Wallace Lacey W	R.L. Polk Co., Inc.	Image pg. A99
1935	Shriver Marthla A Mrs	R.L. Polk Co., Inc.	Image pg. A112

631 11TH AVE SE

Year	Uses	Source	
1940	Hanson Ruth W Mrs	R.L. Polk Co., Inc.	Image pg. A99
1935	Loughrey Clyde	R.L. Polk Co., Inc.	Image pg. A112

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Year	Uses	Source	
1960	Hynoas Florence E Mrs	R. L. Polk Co. Publishers	Image pg. A67
1955	Paris Eliza S Mrs	R. L. Polk Co. Publishers	Image pg. A80
1950	AParis B S Mras	R. L. Polk Co. Publisher	Image pg. A90
1940	Stuckley Allie M Mrs	R.L. Polk Co., Inc.	Image pg. A99
	Paris Eliza Mrs	R.L. Polk Co., Inc.	Image pg. A99
1935	Freeman Josie M Mrs	R.L. Polk Co., Inc.	Image pg. A112

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Year	Uses	Source	
1960	Warner Sarali 0 Mrs	R. L. Polk Co. Publishers	Image pg. A67
	Disney Della Mrs	R. L. Polk Co. Publishers	Image pg. A67
	Ciul Florence Mrs	R. L. Polk Co. Publishers	Image pg. A67
	Warelrop Karl K	R. L. Polk Co. Publishers	Image pg. A67
	Westberg Jolit	R. L. Polk Co. Publishers	Image pg. A67
	Gentry Ellz	R. L. Polk Co. Publishers	Image pg. A67
	Diekson Harvey II	R. L. Polk Co. Publishers	Image pg. A67
	Higgins Fred	R. L. Polk Co. Publishers	Image pg. A67
	BJorn Eric	R. L. Polk Co. Publishers	Image pg. A67
	Penny Ida Mrs	R. L. Polk Co. Publishers	Image pg. A67
	Dargatz Elsanore M	R. L. Polk Co. Publishers	Image pg. A67
	Brewer Ellz Mrs A	R. L. Polk Co. Publishers	Image pg. A67
	Hendrickson Ethel A	R. L. Polk Co. Publishers	Image pg. A67
	ODomiiill Laura	R. L. Polk Co. Publishers	Image pg. A67
	Sams Gould P	R. L. Polk Co. Publishers	Image pg. A67
	Hoinimer Ed Nv	R. L. Polk Co. Publishers	Image pg. A67
	Robinson Artlh M	R. L. Polk Co. Publishers	Image pg. A67
	Landfair Clara Mrs	R. L. Polk Co. Publishers	Image pg. A67
	Breehtbill Jeonnie L Mrs	R. L. Polk Co. Publishers	Image pg. A67

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Year	Uses	Source	
1960	Neinetz Earl A	R. L. Polk Co. Publishers	Image pg. A67
	Howard Joe A	R. L. Polk Co. Publishers	Image pg. A67
	Cameron J Donald	R. L. Polk Co. Publishers	Image pg. A67
	Lester Berjetta Mrs	R. L. Polk Co. Publishers	Image pg. A67
	Barnes Gladys Mrs	R. L. Polk Co. Publishers	Image pg. A67
	Miles Hug	R. L. Polk Co. Publishers	Image pg. A67
	Goughinour Gertrude	R. L. Polk Co. Publishers	Image pg. A67
	Dickson Lulu J A	R. L. Polk Co. Publishers	Image pg. A67
	Raleigli Dichl J Rev	R. L. Polk Co. Publishers	Image pg. A67
	Meleliffe court Apartments	R. L. Polk Co. Publishers	Image pg. A67
	Kent Leo P	R. L. Polk Co. Publishers	Image pg. A67
	A Tyler Dol l	R. L. Polk Co. Publishers	Image pg. A67
	B Hanna Pearl N Mrs	R. L. Polk Co. Publishers	Image pg. A67
	C Grande Jos	R. L. Polk Co. Publishers	Image pg. A67
	D 1 Harritig Edw	R. L. Polk Co. Publishers	Image pg. A67
	Schiulze Clara Mrs	R. L. Polk Co. Publishers	Image pg. A67
	Elsner Albert	R. L. Polk Co. Publishers	Image pg. A67
	Simmosos Archie	R. L. Polk Co. Publishers	Image pg. A67
	Moore A	R. L. Polk Co. Publishers	Image pg. A67
	Knapp Gaynelle S Mrs	R. L. Polk Co. Publishers	Image pg. A67
	DButler Louise Mrs	R. L. Polk Co. Publishers	Image pg. A67
	Le Claire Charlotte Mrs	R. L. Polk Co. Publishers	Image pg. A67
	Mc Henry Fred	R. L. Polk Co. Publishers	Image pg. A67
	Brenner Grace Mrs	R. L. Polk Co. Publishers	Image pg. A67
	Perry Matti RH Mrs	R. L. Polk Co. Publishers	Image pg. A67
	Zuker Elaine	R. L. Polk Co. Publishers	Image pg. A67
	Soutliuayd David	R. L. Polk Co. Publishers	Image pg. A67
	Moser Altna Mrs	R. L. Polk Co. Publishers	Image pg. A67
	Da 8is Ann Mrs	R. L. Polk Co. Publishers	Image pg. A67
	Martics Nellie Mrs	R. L. Polk Co. Publishers	Image pg. A67
	Potts Lucille C	R. L. Polk Co. Publishers	Image pg. A67
	Sims Clifford	R. L. Polk Co. Publishers	Image pg. A67
	Keller Mary Mrs	R. L. Polk Co. Publishers	Image pg. A67
	Dugan Ella Mrs	R. L. Polk Co. Publishers	Image pg. A67
	Turner I zel A Mrs	R. L. Polk Co. Publishers	Image pg. A67
	Kennedy Marthfi Mrs	R. L. Polk Co. Publishers	Image pg. A67
	Moan Andrew	R. L. Polk Co. Publishers	Image pg. A67
	Williams Peggy Mrs	R. L. Polk Co. Publishers	Image pg. A67

FINDINGS

Year	Uses	Source	
1955	Melcliffa Apartments	R. L. Polk Co. Publishers	Image pg. A80
	Johnson Ida O Mrs mgr	R. L. Polk Co. Publishers	Image pg. A80
	Bosh Estella Mrs	R. L. Polk Co. Publishers	Image pg. A80
	Hanna Pearl N Mrs	R. L. Polk Co. Publishers	Image pg. A80
	Cairns Ruth	R. L. Polk Co. Publishers	Image pg. A80
	Roobin Nick A	R. L. Polk Co. Publishers	Image pg. A80
	Lent Leaon M	R. L. Polk Co. Publishers	Image pg. A80
	Coleman Margt	R. L. Polk Co. Publishers	Image pg. A80
	Dargatz Eleanor M	R. L. Polk Co. Publishers	Image pg. A80
	William Wm E	R. L. Polk Co. Publishers	Image pg. A80
	Knapp Gaynelle S Mrs	R. L. Polk Co. Publishers	Image pg. A80
	Butler Louise Mrs	R. L. Polk Co. Publishers	Image pg. A80
	Klouchek Chas	R. L. Polk Co. Publishers	Image pg. A80
	Courtwright Fred N	R. L. Polk Co. Publishers	Image pg. A80
	Wolff Fritz	R. L. Polk Co. Publishers	Image pg. A80
	Smith Sophie Mrs	R. L. Polk Co. Publishers	Image pg. A80
	Zuker Elaine	R. L. Polk Co. Publishers	Image pg. A80
	Davidson John W	R. L. Polk Co. Publishers	Image pg. A80
	Moser Simon H	R. L. Polk Co. Publishers	Image pg. A80
	Davis Ann Mrs	R. L. Polk Co. Publishers	Image pg. A80
	Martin Fred	R. L. Polk Co. Publishers	Image pg. A80
	Potts Lucile C	R. L. Polk Co. Publishers	Image pg. A80
	Blair Dora E	R. L. Polk Co. Publishers	Image pg. A80
	Smith Earle C	R. L. Polk Co. Publishers	Image pg. A80
	Dugan John L	R. L. Polk Co. Publishers	Image pg. A80
	Turner Hazel Mrs	R. L. Polk Co. Publishers	Image pg. A80
	Kennedy Martha Mrs	R. L. Polk Co. Publishers	Image pg. A80
	Moen Andrew	R. L. Polk Co. Publishers	Image pg. A80
	Maling Victor A	R. L. Polk Co. Publishers	Image pg. A80
	Dickson Lulu J	R. L. Polk Co. Publishers	Image pg. A80
	Disney Della Mrs	R. L. Polk Co. Publishers	Image pg. A80
	Sims Clifford M	R. L. Polk Co. Publishers	Image pg. A80
	Wardrop Earl E	R. L. Polk Co. Publishers	Image pg. A80
	Gallucci Albert C	R. L. Polk Co. Publishers	Image pg. A80
	Harris Bernice Mrs	R. L. Polk Co. Publishers	Image pg. A80
	Dickson Harvey H	R. L. Polk Co. Publishers	Image pg. A80
	Peterson Ida Mrs	R. L. Polk Co. Publishers	Image pg. A80
	Bjorn Erick	R. L. Polk Co. Publishers	Image pg. A80

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Year	Uses	Source	
1955	Maki John W	R. L. Polk Co. Publishers	Image pg. A80
	Simoneau Marie M	R. L. Polk Co. Publishers	Image pg. A80
	Brechtbill Eileen V	R. L. Polk Co. Publishers	Image pg. A80
	Hendrickson Ethel A	R. L. Polk Co. Publishers	Image pg. A80
	Olsen Josephine Mrs	R. L. Polk Co. Publishers	Image pg. A80
	Knutsen Mary	R. L. Polk Co. Publishers	Image pg. A80
	Vacant	R. L. Polk Co. Publishers	Image pg. A80
	Robinson Arth M	R. L. Polk Co. Publishers	Image pg. A80
	Bradley Geo W	R. L. Polk Co. Publishers	Image pg. A80
	Moore Carrie B Mrs	R. L. Polk Co. Publishers	Image pg. A80
	Mulheirn Mary R Mrs	R. L. Polk Co. Publishers	Image pg. A80
	Young Bud	R. L. Polk Co. Publishers	Image pg. A80
	Null Wm H	R. L. Polk Co. Publishers	Image pg. A80
	Johnston Arth A	R. L. Polk Co. Publishers	Image pg. A80
	Majors Dora T Mrs	R. L. Polk Co. Publishers	Image pg. A80
	Miles Eug	R. L. Polk Co. Publishers	Image pg. A80
	Goughnour Gertrude	R. L. Polk Co. Publishers	Image pg. A80
	LeClaire Milton V	R. L. Polk Co. Publishers	Image pg. A80
	Polly & Comella Produce Co	R. L. Polk Co. Publishers	Image pg. A80
	Lausmann J H Co whol lbr	R. L. Polk Co. Publishers	Image pg. A80
	Columbia Exporters Inc	R. L. Polk Co. Publishers	Image pg. A80
1950	Melcliffc Court Apartments	R. L. Polk Co. Publisher	Image pg. A90
	Allen Sami	R. L. Polk Co. Publisher	Image pg. A90
	ABeck Bertha J	R. L. Polk Co. Publisher	Image pg. A90
	Blair N L Mrs	R. L. Polk Co. Publisher	Image pg. A90
	Bradley Geo	R. L. Polk Co. Publisher	Image pg. A90
	ABristow B I Mrs	R. L. Polk Co. Publisher	Image pg. A90
	Brooten G	R. L. Polk Co. Publisher	Image pg. A90
	Clark G G Mrs	R. L. Polk Co. Publisher	Image pg. A90
	AClevinger R R	R. L. Polk Co. Publisher	Image pg. A90
	Cochran J L	R. L. Polk Co. Publisher	Image pg. A90
	Crofton Eva Mrs	R. L. Polk Co. Publisher	Image pg. A90
	Dickey J W	R. L. Polk Co. Publisher	Image pg. A90
	Dickson 1 1 1 T	R. L. Polk Co. Publisher	Image pg. A90
	Dickson Lulu J	R. L. Polk Co. Publisher	Image pg. A90
	Duigan J TL	R. L. Polk Co. Publisher	Image pg. A90
	Eastnman Gwen A	R. L. Polk Co. Publisher	Image pg. A90
	Galluci A C	R. L. Polk Co. Publisher	Image pg. A90

FINDINGS

Year	Uses	Source	
1950	AGoughnour Gertrude	R. L. Polk Co. Publisher	Image pg. A90
	Harvey P BE	R. L. Polk Co. Publisher	Image pg. A90
	Jansen Shirley M	R. L. Polk Co. Publisher	Image pg. A90
	Jennings C RI	R. L. Polk Co. Publisher	Image pg. A90
	Johnson B S	R. L. Polk Co. Publisher	Image pg. A90
	AJohnson I 0 Mrs mgr	R. L. Polk Co. Publisher	Image pg. A90
	Kenney M L Mrs	R. L. Polk Co. Publisher	Image pg. A90
	Kiouchek C B	R. L. Polk Co. Publisher	Image pg. A90
	Majors D T Mrs	R. L. Polk Co. Publisher	Image pg. A90
	AMaki J W	R. L. Polk Co. Publisher	Image pg. A90
	Mc Daniel G R	R. L. Polk Co. Publisher	Image pg. A90
	AHmc Keever Barbara	R. L. Polk Co. Publisher	Image pg. A90
	Me Millan Alibe Mrs	R. L. Polk Co. Publisher	Image pg. A90
	AMichelsen T J	R. L. Polk Co. Publisher	Image pg. A90
	Moore C B Mrs	R. L. Polk Co. Publisher	Image pg. A90
	Moser S H	R. L. Polk Co. Publisher	Image pg. A90
	Nolff F	R. L. Polk Co. Publisher	Image pg. A90
	Olsen 0 F	R. L. Polk Co. Publisher	Image pg. A90
	Pomeroy Roberta AMt	R. L. Polk Co. Publisher	Image pg. A90
	Puilfer P RI	R. L. Polk Co. Publisher	Image pg. A90
	Richards G W	R. L. Polk Co. Publisher	Image pg. A90
	Robinson A M	R. L. Polk Co. Publisher	Image pg. A90
	Saikko R P	R. L. Polk Co. Publisher	Image pg. A90
	ASimoneau A A	R. L. Polk Co. Publisher	Image pg. A90
	Sims C M	R. L. Polk Co. Publisher	Image pg. A90
	Smith 13 C	R. L. Polk Co. Publisher	Image pg. A90
	ITurner Albert	R. L. Polk Co. Publisher	Image pg. A90
	Twiner H A Mrs	R. L. Polk Co. Publisher	Image pg. A90
	AVan Dusen W F	R. L. Polk Co. Publisher	Image pg. A90
	Wardrop Earl	R. L. Polk Co. Publisher	Image pg. A90
	Wicklund C V	R. L. Polk Co. Publisher	Image pg. A90
	Williams W E	R. L. Polk Co. Publisher	Image pg. A90
	Wright A H	R. L. Polk Co. Publisher	Image pg. A90
1940	Lsndgraver L E Mrs mgr	R.L. Polk Co., Inc.	Image pg. A99
	Adams Louise	R.L. Polk Co., Inc.	Image pg. A99
	Armstrong Jos	R.L. Polk Co., Inc.	Image pg. A99
	Bartlett Lylas	R.L. Polk Co., Inc.	Image pg. A99
	Beck Bertha J	R.L. Polk Co., Inc.	Image pg. A99

FINDINGS

Year	Uses	Source	
1940	Bowen Jas	R.L. Polk Co., Inc.	Image pg. A99
	Bradt Harrison F	R.L. Polk Co., Inc.	Image pg. A99
	Bretz Thos H	R.L. Polk Co., Inc.	Image pg. A99
	Bretz Wm S	R.L. Polk Co., Inc.	Image pg. A99
	Brown Rodney J	R.L. Polk Co., Inc.	Image pg. A99
	Bruner Edw W	R.L. Polk Co., Inc.	Image pg. A99
	Chance Robt H	R.L. Polk Co., Inc.	Image pg. A99
	Coffman Ann	R.L. Polk Co., Inc.	Image pg. A99
	De Jonge Dirk	R.L. Polk Co., Inc.	Image pg. A99
	Dernbach Ralph	R.L. Polk Co., Inc.	Image pg. A99
	Dickson Harvey H	R.L. Polk Co., Inc.	Image pg. A99
	Dickson Lulu	R.L. Polk Co., Inc.	Image pg. A99
	Donaugh Geo	R.L. Polk Co., Inc.	Image pg. A99
	Dugan John L	R.L. Polk Co., Inc.	Image pg. A99
	Flanders Chester R	R.L. Polk Co., Inc.	Image pg. A99
	Green Cath F Mrs	R.L. Polk Co., Inc.	Image pg. A99
	Green Edna M	R.L. Polk Co., Inc.	Image pg. A99
	Gilbert Geo	R.L. Polk Co., Inc.	Image pg. A99
	Goughnour Gertrude	R.L. Polk Co., Inc.	Image pg. A99
	Hall Jean Mrs	R.L. Polk Co., Inc.	Image pg. A99
	Hall Roberta	R.L. Polk Co., Inc.	Image pg. A99
	Hamlin Frank	R.L. Polk Co., Inc.	Image pg. A99
	Harvey Fred E	R.L. Polk Co., Inc.	Image pg. A99
	Heyer Chas W	R.L. Polk Co., Inc.	Image pg. A99
	Isbell L A Mrs	R.L. Polk Co., Inc.	Image pg. A99
	Jennings Harry	R.L. Polk Co., Inc.	Image pg. A99
	Jewell May Mrs	R.L. Polk Co., Inc.	Image pg. A99
	Kappel Jos	R.L. Polk Co., Inc.	Image pg. A99
	King Thos G	R.L. Polk Co., Inc.	Image pg. A99
	Krettinger Maude Mrs	R.L. Polk Co., Inc.	Image pg. A99
	Landgraver Larry	R.L. Polk Co., Inc.	Image pg. A99
	Manning Travis E	R.L. Polk Co., Inc.	Image pg. A99
	Miles Eug	R.L. Polk Co., Inc.	Image pg. A99
	Moffitt Arth W	R.L. Polk Co., Inc.	Image pg. A99
	Mohr Jack	R.L. Polk Co., Inc.	Image pg. A99
	Moser Simon H	R.L. Polk Co., Inc.	Image pg. A99
	Osborn Willis G	R.L. Polk Co., Inc.	Image pg. A99
	Osterholm Elmer	R.L. Polk Co., Inc.	Image pg. A99

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Year	Uses	Source	
1940	Peace Marya Mrs	R.L. Polk Co., Inc.	Image pg. A99
	Reeves Robt B	R.L. Polk Co., Inc.	Image pg. A99
	Roestel Lorel R	R.L. Polk Co., Inc.	Image pg. A99
	Stille J C	R.L. Polk Co., Inc.	Image pg. A99
	Storey John	R.L. Polk Co., Inc.	Image pg. A99
	Templeton John	R.L. Polk Co., Inc.	Image pg. A99
	Thomas Clifford B	R.L. Polk Co., Inc.	Image pg. A99
	Walker Adolph H	R.L. Polk Co., Inc.	Image pg. A99
	Wheeler J Paul	R.L. Polk Co., Inc.	Image pg. A99
	Wilkes Ray A	R.L. Polk Co., Inc.	Image pg. A99
	Wolff Fritz J	R.L. Polk Co., Inc.	Image pg. A99
	Melcliffe Court Apartments	R.L. Polk Co., Inc.	Image pg. A99
1935	Melcliffe Court Apartments	R.L. Polk Co., Inc.	Image pg. A112
	Murner Harold J	R.L. Polk Co., Inc.	Image pg. A112
	Taylor Frank A	R.L. Polk Co., Inc.	Image pg. A112
	Bendure Zella	R.L. Polk Co., Inc.	Image pg. A112
	Wheeler B	R.L. Polk Co., Inc.	Image pg. A112
	Henderson Jas I	R.L. Polk Co., Inc.	Image pg. A112
	Turner Frank A	R.L. Polk Co., Inc.	Image pg. A112
	Kester Mabel J Mrs	R.L. Polk Co., Inc.	Image pg. A112
	Mitchell J D	R.L. Polk Co., Inc.	Image pg. A112
	Graham Rose Mrs	R.L. Polk Co., Inc.	Image pg. A112
	Wolf Fritz	R.L. Polk Co., Inc.	Image pg. A112
	Pendroy Eleanor	R.L. Polk Co., Inc.	Image pg. A112
	Wolf Margy Mrs	R.L. Polk Co., Inc.	Image pg. A112
	Killeen Wm M	R.L. Polk Co., Inc.	Image pg. A112
	Moser Simon H	R.L. Polk Co., Inc.	Image pg. A112
	Moody Kate	R.L. Polk Co., Inc.	Image pg. A112
	Kappel Jos J	R.L. Polk Co., Inc.	Image pg. A112
	Vacant	R.L. Polk Co., Inc.	Image pg. A112
	Mc Grath M Eliz	R.L. Polk Co., Inc.	Image pg. A112
	Searing Lyle D	R.L. Polk Co., Inc.	Image pg. A112
	Russell Ashley H	R.L. Polk Co., Inc.	Image pg. A112
	Paterson Clara Mrs	R.L. Polk Co., Inc.	Image pg. A112
	Hyde Eileen	R.L. Polk Co., Inc.	Image pg. A112
	Storey Anna Mrs	R.L. Polk Co., Inc.	Image pg. A112
	Wicklund Richd F	R.L. Polk Co., Inc.	Image pg. A112
	Hanna Alice J Mrs	R.L. Polk Co., Inc.	Image pg. A112

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Year	Uses	Source	
1935	Meyer Ruth	R.L. Polk Co., Inc.	Image pg. A112
	Carey Jessie Mrs	R.L. Polk Co., Inc.	Image pg. A112
	Barry F A	R.L. Polk Co., Inc.	Image pg. A112
	Olson G Adolph	R.L. Polk Co., Inc.	Image pg. A112
	Jennings Sol S	R.L. Polk Co., Inc.	Image pg. A112
	Weller Alpha Mrs	R.L. Polk Co., Inc.	Image pg. A112
	Gresham Jos H	R.L. Polk Co., Inc.	Image pg. A112
	Snyder Maurice	R.L. Polk Co., Inc.	Image pg. A112
	Schmokel Willard C	R.L. Polk Co., Inc.	Image pg. A112
	Lawrence M D	R.L. Polk Co., Inc.	Image pg. A112
	Reeves Robt	R.L. Polk Co., Inc.	Image pg. A112
	Perry Irby R	R.L. Polk Co., Inc.	Image pg. A112
	Carnahan Kenneth	R.L. Polk Co., Inc.	Image pg. A112
	Ogsbury Ernest	R.L. Polk Co., Inc.	Image pg. A112
	Olson Earl A	R.L. Polk Co., Inc.	Image pg. A112
	Deitz Alex J	R.L. Polk Co., Inc.	Image pg. A112
	Berry Homer H	R.L. Polk Co., Inc.	Image pg. A112
	Oddy Louise Mrs	R.L. Polk Co., Inc.	Image pg. A112
	Carney Anna J	R.L. Polk Co., Inc.	Image pg. A112
	White Ira R	R.L. Polk Co., Inc.	Image pg. A112
	Moffitt Arth	R.L. Polk Co., Inc.	Image pg. A112
	Miller Curtis D	R.L. Polk Co., Inc.	Image pg. A112
	Manthie Cleone	R.L. Polk Co., Inc.	Image pg. A112
	Miles Eug	R.L. Polk Co., Inc.	Image pg. A112
	Vacant	R.L. Polk Co., Inc.	Image pg. A112
	Drege Arth J	R.L. Polk Co., Inc.	Image pg. A112

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Year	Uses	Source	
1960	Pub Library East Portland br	R. L. Polk Co. Publishers	Image pg. A67
	ABE FROM 2 96 B	R. L. Polk Co. Publishers	Image pg. A67

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Year	Uses	Source	
1960	Mortensen A W Co ofc	R. L. Polk Co. Publishers	Image pg. A67

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Year	Uses	Source	
1960	Dickensheets & Potter food	R. L. Polk Co. Publishers	Image pg. A67

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Year	Uses	Source	
1960	brokers	R. L. Polk Co. Publishers	Image pg. A67

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Year	Uses	Source	
1960	Columbia Exporters Inc	R. L. Polk Co. Publishers	Image pg. A67
1950	AGas Ice Corp	R. L. Polk Co. Publisher	Image pg. A90

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Year	Uses	Source	
1935	Vacant	R.L. Polk Co., Inc.	Image pg. A112

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Year	Uses	Source	
1960	County Garage	R. L. Polk Co. Publishers	Image pg. A67
1955	County Garage	R. L. Polk Co. Publishers	Image pg. A81

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Year	Uses	Source	
1935	Bradleys Pies Inc rear entr	R.L. Polk Co., Inc.	Image pg. A112

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Year	Uses	Source	
1960	M & R Produce Itc	R. L. Polk Co. Publishers	Image pg. A68
	Garclners & Ranchers Assn	R. L. Polk Co. Publishers	Image pg. A68
1955	M & R Produce	R. L. Polk Co. Publishers	Image pg. A81
1950	Gardners & Ranchers	R. L. Polk Co. Publisher	Image pg. A90
	AM & R Produce	R. L. Polk Co. Publisher	Image pg. A90
1940	Ito Albert whol prod	R.L. Polk Co., Inc.	Image pg. A99
	Sumida Roy Co whol prod	R.L. Polk Co., Inc.	Image pg. A99
	Scarfone Jesse C whol prod	R.L. Polk Co., Inc.	Image pg. A99
	Michelle A whol prod	R.L. Polk Co., Inc.	Image pg. A99
	Hasuike Isami whol prod	R.L. Polk Co., Inc.	Image pg. A99
	Garden Produce Co whol	R.L. Polk Co., Inc.	Image pg. A99
	Caruso Tony S whol prod	R.L. Polk Co., Inc.	Image pg. A99
	& Produce Co whol	R.L. Polk Co., Inc.	Image pg. A99
	Oregon Washington Fruit	R.L. Polk Co., Inc.	Image pg. A99
	Gardeners & Ranchers	R.L. Polk Co., Inc.	Image pg. A99
	Kibe Masse jr whol prod	R.L. Polk Co., Inc.	Image pg. A99
1935	Gardners & Ranchers Assn	R.L. Polk Co., Inc.	Image pg. A112

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Year	Uses	Source	
1960	cream mfrs	R. L. Polk Co. Publishers	Image pg. A66
	Dairy Cooperative Assn ice	R. L. Polk Co. Publishers	Image pg. A66
1955	Froskist Ice Cream Co mfrs	R. L. Polk Co. Publishers	Image pg. A79
1950	Froskist Ice Cream Co	R. L. Polk Co. Publisher	Image pg. A90
1940	SE FROM Madison and SE Hawthorne	R.L. Polk Co., Inc.	Image pg. A99
	SE FROM Madison and SE Hawthorne	R.L. Polk Co., Inc.	Image pg. A99
	SE FROM Taylor SE Salmon SE Maln	R.L. Polk Co., Inc.	Image pg. A99
	Froskist Ice Cream Co	R.L. Polk Co., Inc.	Image pg. A99
1935	Froskist Ice Cream Co	R.L. Polk Co., Inc.	Image pg. A110

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Year	Uses	Source	
1960	United Salad Co cateceres	R. L. Polk Co. Publishers	Image pg. A66
1955	United Salad Co prepared food whol	R. L. Polk Co. Publishers	Image pg. A79

12TH AVE SE

603 12TH AVE SE

Year	Uses	Source	
1960	Steppelcamp Margt A	R. L. Polk Co. Publishers	Image pg. A69
1955	Stoppelcamp Margt A Mrs	R. L. Polk Co. Publishers	Image pg. A82
1950	Stoppelcamp M A Mrs	R. L. Polk Co. Publisher	Image pg. A91
1940	Lee Allen H	R.L. Polk Co., Inc.	Image pg. A100
1935	Burt Ella W Mrs	R.L. Polk Co., Inc.	Image pg. A113

611 12TH AVE SE

Year	Uses	Source	
1960	Vacant	R. L. Polk Co. Publishers	Image pg. A69
1955	Anderson Dean H	R. L. Polk Co. Publishers	Image pg. A82
1950	AGalaasli J N	R. L. Polk Co. Publisher	Image pg. A91
1940	Elliott N Frances Mrs	R.L. Polk Co., Inc.	Image pg. A100
	Dolson Edw	R.L. Polk Co., Inc.	Image pg. A100
1935	Elliott Frances Mrs	R.L. Polk Co., Inc.	Image pg. A113

617 12TH AVE SE

Year	Uses	Source	
1960	Behetnei Jos A	R. L. Polk Co. Publishers	Image pg. A69
1955	Gwynn Anna M	R. L. Polk Co. Publishers	Image pg. A82
1950	Gwynn Anna M F	R. L. Polk Co. Publisher	Image pg. A91

FINDINGS

Year	Uses	Source	
1940	Gwynn Maria Mrs	R.L. Polk Co., Inc.	Image pg. A100
1935	Gwynn Jas D	R.L. Polk Co., Inc.	Image pg. A113

623 12TH AVE SE

Year	Uses	Source	
1955	Collins Lewis H	R. L. Polk Co. Publishers	Image pg. A82
1950	ACollins L H	R. L. Polk Co. Publisher	Image pg. A91
1940	Collins Lewis H	R.L. Polk Co., Inc.	Image pg. A100
1935	Collins Lewis H	R.L. Polk Co., Inc.	Image pg. A113

635 12TH AVE SE

Year	Uses	Source	
1960	Vacant	R. L. Polk Co. Publishers	Image pg. A69
1955	Lee Ronald	R. L. Polk Co. Publishers	Image pg. A82
1950	ACantrell Eloanor Mrs	R. L. Polk Co. Publisher	Image pg. A91
1940	Martin Kenneth E	R.L. Polk Co., Inc.	Image pg. A100
1935	Billings Stewart G	R.L. Polk Co., Inc.	Image pg. A113

637 12TH AVE SE

Year	Uses	Source	
1960	I lamltn Orville C A BE	R. L. Polk Co. Publishers	Image pg. A69
1955	Hamlin Orville C	R. L. Polk Co. Publishers	Image pg. A82
1950	AHamlin	R. L. Polk Co. Publisher	Image pg. A91
	SE Alder Intersecto	R. L. Polk Co. Publisher	Image pg. A91
1940	Hamlin Orville C	R.L. Polk Co., Inc.	Image pg. A100
1935	Hamlin Orville C	R.L. Polk Co., Inc.	Image pg. A113

704 12TH AVE SE

Year	Uses	Source	
1960	btint Vacant	R. L. Polk Co. Publishers	Image pg. A69
	Bectsonmn Cerl	R. L. Polk Co. Publishers	Image pg. A69
	Graflian Ben J M	R. L. Polk Co. Publishers	Image pg. A69
	Mvearlin N Romon	R. L. Polk Co. Publishers	Image pg. A69
	I Terriberger Jack A	R. L. Polk Co. Publishers	Image pg. A69
	Stuart Mary Apartments	R. L. Polk Co. Publishers	Image pg. A69
1955	Feely Dorothy Mrs	R. L. Polk Co. Publishers	Image pg. A82
	Hale Betty Mrs	R. L. Polk Co. Publishers	Image pg. A82
	Garrahan Benj jM	R. L. Polk Co. Publishers	Image pg. A82
	Vacant	R. L. Polk Co. Publishers	Image pg. A82
	Johnson Lyle D mgr	R. L. Polk Co. Publishers	Image pg. A82

FINDINGS

Year	Uses	Source	
1955	Stuart Mary Apartments	R. L. Polk Co. Publishers	Image pg. A82
1950	Tobin W E	R. L. Polk Co. Publisher	Image pg. A91
	ATallman H A	R. L. Polk Co. Publisher	Image pg. A91
	Mc Clish Frankl	R. L. Polk Co. Publisher	Image pg. A91
	AHaigh I Helen L	R. L. Polk Co. Publisher	Image pg. A91
	Bergin Teresa Mrs	R. L. Polk Co. Publisher	Image pg. A91
	Mary Stuart Apartments	R. L. Polk Co. Publisher	Image pg. A91
1940	Metzelaar Louis S	R.L. Polk Co., Inc.	Image pg. A100
	Mary Stuart Apartments	R.L. Polk Co., Inc.	Image pg. A100
1935	Street continued	R.L. Polk Co., Inc.	Image pg. A113
	Vacant	R.L. Polk Co., Inc.	Image pg. A113
	Duffy Edw M	R.L. Polk Co., Inc.	Image pg. A113
	I Mc Faul Mary E Mrs	R.L. Polk Co., Inc.	Image pg. A113
	Mary Stuart Apartments	R.L. Polk Co., Inc.	Image pg. A113
	Mc Faul Geo A	R.L. Polk Co., Inc.	Image pg. A113

707 12TH AVE SE

Year	Uses	Source	
1960	ONelt Era G Mrs	R. L. Polk Co. Publishers	Image pg. A69
	Graves Norma R	R. L. Polk Co. Publishers	Image pg. A69
	ONeil Eva Gratvs Piano St Ldio	R. L. Polk Co. Publishers	Image pg. A69
	A 1 B 1 R	R. L. Polk Co. Publishers	Image pg. A69
1955	ONeil Eva G Mrs music tchr	R. L. Polk Co. Publishers	Image pg. A82
1950	ACONell E 0 Mrs F music	R. L. Polk Co. Publisher	Image pg. A91
1940	ONeill Chas H	R.L. Polk Co., Inc.	Image pg. A100
1935	Washburn Franklyn F	R.L. Polk Co., Inc.	Image pg. A113

717 12TH AVE SE

Year	Uses	Source	
1960	j lerren Vtrdle G Mrs u	R. L. Polk Co. Publishers	Image pg. A69
1955	Herren Virdie G Mrs	R. L. Polk Co. Publishers	Image pg. A82
1950	Vacant	R. L. Polk Co. Publisher	Image pg. A91
1940	Herren W Melville	R.L. Polk Co., Inc.	Image pg. A100
1935	Herren W Melville	R.L. Polk Co., Inc.	Image pg. A113

723 12TH AVE SE

Year	Uses	Source	
1940	Anderson Clara E Mrs	R.L. Polk Co., Inc.	Image pg. A100
1935	Anderson Herman V	R.L. Polk Co., Inc.	Image pg. A113

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728 12TH AVE SE

Year	Uses	Source	
1940	Durham Geo C	R.L. Polk Co., Inc.	Image pg. A100
1935	Josephi Simeon E phys	R.L. Polk Co., Inc.	Image pg. A113

804 12TH AVE SE

Year	Uses	Source	
1950	GIntz Walter gas eta	R. L. Polk Co. Publisher	Image pg. A91
1940	Stewart Donald gas sta	R.L. Polk Co., Inc.	Image pg. A100
1935	Robinson Gust L gas sta	R.L. Polk Co., Inc.	Image pg. A113

807 12TH AVE SE

Year	Uses	Source	
1960	Pioneer Potteries flor 18ts	R. L. Polk Co. Publishers	Image pg. A69
	A Bl E	R. L. Polk Co. Publishers	Image pg. A69
1955	Pioneer Patteries	R. L. Polk Co. Publishers	Image pg. A82
1950	Foth Alex	R. L. Polk Co. Publisher	Image pg. A91
	ARedm an B L	R. L. Polk Co. Publisher	Image pg. A91
1940	Mc Phee Wm	R.L. Polk Co., Inc.	Image pg. A100
1935	Mc Phee Wm	R.L. Polk Co., Inc.	Image pg. A113

817 12TH AVE SE

Year	Uses	Source	
1960	Bradleya Plos alga	R. L. Polk Co. Publishers	Image pg. A69
	A Bl E	R. L. Polk Co. Publishers	Image pg. A69
1955	Patterson Thos	R. L. Polk Co. Publishers	Image pg. A82
	Redman Edw L	R. L. Polk Co. Publishers	Image pg. A82
	Springer Stuart I	R. L. Polk Co. Publishers	Image pg. A82
1940	Peters Henry W	R.L. Polk Co., Inc.	Image pg. A100
1935	Brown Chas K	R.L. Polk Co., Inc.	Image pg. A113

821 12TH AVE SE

Year	Uses	Source	
1955	Vacant	R. L. Polk Co. Publishers	Image pg. A82
1950	A Morris J B	R. L. Polk Co. Publisher	Image pg. A91
1940	Vacant	R.L. Polk Co., Inc.	Image pg. A100
1935	Taylor Lillian Mrs	R.L. Polk Co., Inc.	Image pg. A113

823 12TH AVE SE

Year	Uses	Source	
1955	Vacant	R. L. Polk Co. Publishers	Image pg. A82

FINDINGS

Year	Uses	Source	
1950	AHiller L E Mrs	R. L. Polk Co. Publisher	Image pg. A91
1940	Bonnot Thos R	R.L. Polk Co., Inc.	Image pg. A100
1935	Allen David	R.L. Polk Co., Inc.	Image pg. A113

830 12TH AVE SE

Year	Uses	Source	
1955	East Side Baptist Ch	R. L. Polk Co. Publishers	Image pg. A82
1950	ASt Davids Episcopal Ch	R. L. Polk Co. Publisher	Image pg. A91
	SE Belmont Intetseets	R. L. Polk Co. Publisher	Image pg. A91
1940	St Davids Episcopal Church	R.L. Polk Co., Inc.	Image pg. A100
1935	St Davids Episcopal Church	R.L. Polk Co., Inc.	Image pg. A113

900 12TH AVE SE

Year	Uses	Source	
1960	nina ofe	R. L. Polk Co. Publishers	Image pg. A69
	Getil Tire Co of Portland	R. L. Polk Co. Publishers	Image pg. A69
	Gordon Mel Battery & Tire Co	R. L. Polk Co. Publishers	Image pg. A69

914 12TH AVE SE

Year	Uses	Source	
1960	Mellhany Ceclle Mrs I	R. L. Polk Co. Publishers	Image pg. A69
	Stanmps Della Mrs	R. L. Polk Co. Publishers	Image pg. A69
1955	Stamps Jas M	R. L. Polk Co. Publishers	Image pg. A82
1950	AStamps J M L	R. L. Polk Co. Publisher	Image pg. A91
1940	Stamps Jas M	R.L. Polk Co., Inc.	Image pg. A100
1935	Stamps Jas M	R.L. Polk Co., Inc.	Image pg. A113

924 12TH AVE SE

Year	Uses	Source	
1960	Cliastein Marc Ia Mrs	R. L. Polk Co. Publishers	Image pg. A69
1955	Chastian Marcia	R. L. Polk Co. Publishers	Image pg. A82
1950	AClhastaln John	R. L. Polk Co. Publisher	Image pg. A91
1940	Burns Robt S	R.L. Polk Co., Inc.	Image pg. A100
1935	Norgard Kris J	R.L. Polk Co., Inc.	Image pg. A113

932 12TH AVE SE

Year	Uses	Source	
1960	SE FROM Yamhill Intersect S	R. L. Polk Co. Publishers	Image pg. A69
	Stramel Mary Mrs	R. L. Polk Co. Publishers	Image pg. A69
1955	Rogers Amelda	R. L. Polk Co. Publishers	Image pg. A82

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Year	Uses	Source	
1955	Lloyd Hulda	R. L. Polk Co. Publishers	Image pg. A82
	Blackwell Thos	R. L. Polk Co. Publishers	Image pg. A82
1950	ATaggesell Herbt	R. L. Polk Co. Publisher	Image pg. A91
	APalnter W P	R. L. Polk Co. Publisher	Image pg. A91
	Osborn C R	R. L. Polk Co. Publisher	Image pg. A91
	Johnstone Marge Mrs	R. L. Polk Co. Publisher	Image pg. A91
	Cliin H I	R. L. Polk Co. Publisher	Image pg. A91
	Cacicla C C	R. L. Polk Co. Publisher	Image pg. A91
1940	Roley Sam	R.L. Polk Co., Inc.	Image pg. A100
1935	Tice Linton E	R.L. Polk Co., Inc.	Image pg. A113

943 12TH AVE SE

Year	Uses	Source	
1955	Steadman Ramone	R. L. Polk Co. Publishers	Image pg. A82
1950	ANelson A M	R. L. Polk Co. Publisher	Image pg. A91
1940	White Delmer D	R.L. Polk Co., Inc.	Image pg. A100
1935	Beech Steph	R.L. Polk Co., Inc.	Image pg. A113

1000 12TH AVE SE

Year	Uses	Source	
1955	Brown J E Co pntrs	R. L. Polk Co. Publishers	Image pg. A82

1005 12TH AVE SE

Year	Uses	Source	
1960	Me Guire Jack C	R. L. Polk Co. Publishers	Image pg. A69

1007 12TH AVE SE

Year	Uses	Source	
1960	Thompson Virginia A	R. L. Polk Co. Publishers	Image pg. A69
	Cendellr S 9hop The antiqueo	R. L. Polk Co. Publishers	Image pg. A69
1955	Thompson Virginia A	R. L. Polk Co. Publishers	Image pg. A82
	Thompson R Louise	R. L. Polk Co. Publishers	Image pg. A82
	Candelier Shop The antiques	R. L. Polk Co. Publishers	Image pg. A82
1950	Thompson Virginia A	R. L. Polk Co. Publisher	Image pg. A91
	art goods	R. L. Polk Co. Publisher	Image pg. A91
1940	Thompson Reginald W	R.L. Polk Co., Inc.	Image pg. A100
1935	Thompson Reginald	R.L. Polk Co., Inc.	Image pg. A113

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1015 12TH AVE SE

Year	Uses	Source	
1960	Mougey Alvln B A B5 3520	R. L. Polk Co. Publishers	Image pg. A69
1955	Mougey Alviu B	R. L. Polk Co. Publishers	Image pg. A82
	Howard Bert	R. L. Polk Co. Publishers	Image pg. A82
1950	Mougey A B	R. L. Polk Co. Publisher	Image pg. A91
1940	Doyle Andrew J	R.L. Polk Co., Inc.	Image pg. A100
	Wallace Albert G	R.L. Polk Co., Inc.	Image pg. A100
1935	Doyle Andrew J	R.L. Polk Co., Inc.	Image pg. A113

1016 12TH AVE SE

Year	Uses	Source	
1955	Vacant	R. L. Polk Co. Publishers	Image pg. A82
1950	SQulnn F M Mrs	R. L. Polk Co. Publisher	Image pg. A91
1940	Bailey H G landscape gdnr	R.L. Polk Co., Inc.	Image pg. A100
1935	Bailey Harry	R.L. Polk Co., Inc.	Image pg. A113

1024 12TH AVE SE

Year	Uses	Source	
1960	Rcgorrah Citas	R. L. Polk Co. Publishers	Image pg. A69
	eaorrah Tiioron	R. L. Polk Co. Publishers	Image pg. A69
	Iratton 2 Chas	R. L. Polk Co. Publishers	Image pg. A69
	Vacant	R. L. Polk Co. Publishers	Image pg. A69
	Apartments	R. L. Polk Co. Publishers	Image pg. A69
1955	Woo Wong Harry	R. L. Polk Co. Publishers	Image pg. A82
	Sweitzer Allen	R. L. Polk Co. Publishers	Image pg. A82
	Mayton Esther	R. L. Polk Co. Publishers	Image pg. A82
1950	AWoo Suey S	R. L. Polk Co. Publisher	Image pg. A91
	ATom J M	R. L. Polk Co. Publisher	Image pg. A91
	Alung J H	R. L. Polk Co. Publisher	Image pg. A91
	AChung Tom	R. L. Polk Co. Publisher	Image pg. A91
1940	Woodward Beryl Mrs	R.L. Polk Co., Inc.	Image pg. A100
	Urgin Fred	R.L. Polk Co., Inc.	Image pg. A100
	Mc Grath Howard J	R.L. Polk Co., Inc.	Image pg. A100
	Eaton John H	R.L. Polk Co., Inc.	Image pg. A100
1935	Mc Grath Howard J	R.L. Polk Co., Inc.	Image pg. A113

1025 12TH AVE SE

Year	Uses	Source	
1960	Apartments	R. L. Polk Co. Publishers	Image pg. A69

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Year	Uses	Source	
1960	Van Atcken Donald	R. L. Polk Co. Publishers	Image pg. A69
	Eure I toward	R. L. Polk Co. Publishers	Image pg. A69
	Shaugnesoy Edw	R. L. Polk Co. Publishers	Image pg. A69
	Snith Freaik	R. L. Polk Co. Publishers	Image pg. A69
	Ctlller Ituassll B	R. L. Polk Co. Publishers	Image pg. A69
1955	Vacant	R. L. Polk Co. Publishers	Image pg. A82
	Hall Edna Mae O	R. L. Polk Co. Publishers	Image pg. A82
	Dickinson Wm	R. L. Polk Co. Publishers	Image pg. A82
	Vacant	R. L. Polk Co. Publishers	Image pg. A82
	Bentley Chas	R. L. Polk Co. Publishers	Image pg. A82
	Reeves J Wendel	R. L. Polk Co. Publishers	Image pg. A82
	Apartments	R. L. Polk Co. Publishers	Image pg. A82
1950	Millerke Alta Mrs	R. L. Polk Co. Publisher	Image pg. A91
	Politeo Steve	R. L. Polk Co. Publisher	Image pg. A91
	Wounderluch S A	R. L. Polk Co. Publisher	Image pg. A91
1940	Sanderson Cath B Mrs	R.L. Polk Co., Inc.	Image pg. A100
	Summers Wm J	R.L. Polk Co., Inc.	Image pg. A100
1935	Chamberlain John S	R.L. Polk Co., Inc.	Image pg. A113

1028 12TH AVE SE

Year	Uses	Source	
1960	Twelfth Av Gra	R. L. Polk Co. Publishers	Image pg. A69
1955	Twelfth Avenue Ggrocery	R. L. Polk Co. Publishers	Image pg. A82
1950	Nesmith B M Mrs gro	R. L. Polk Co. Publisher	Image pg. A91
1940	Jordan Naum P gro	R.L. Polk Co., Inc.	Image pg. A100
1935	Jordan Naum P gro	R.L. Polk Co., Inc.	Image pg. A113

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712 13TH AVE SE

Year	Uses	Source	
1950	ASigrist Oscar B	R. L. Polk Co. Publisher	Image pg. A92

812 13TH AVE SE

Year	Uses	Source	
1960	Vacant SE Morrison intersects	R. L. Polk Co. Publishers	Image pg. A70
	Varant	R. L. Polk Co. Publishers	Image pg. A70
1955	A & A Cigarette Venders	R. L. Polk Co. Publishers	Image pg. A83
1950	Miller Lucile J beauty	R. L. Polk Co. Publisher	Image pg. A92
1940	Vacant	R.L. Polk Co., Inc.	Image pg. A101

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Year	Uses	Source	
1935	Oregonian Agency	R.L. Polk Co., Inc.	Image pg. A114

822 13TH AVE SE

Year	Uses	Source	
1960	Vacant	R. L. Polk Co. Publishers	Image pg. A70
1955	Organ Stella P Mrs	R. L. Polk Co. Publishers	Image pg. A83
1950	Organ S P Mrs	R. L. Polk Co. Publisher	Image pg. A92
1940	Demitrakike Gunst	R.L. Polk Co., Inc.	Image pg. A101
1935	Vacant	R.L. Polk Co., Inc.	Image pg. A114

823 13TH AVE SE

Year	Uses	Source	
1955	Rex Arms Gro	R. L. Polk Co. Publishers	Image pg. A83
1950	ARex Arms Gro	R. L. Polk Co. Publisher	Image pg. A92
	Guptill E D Mrs	R. L. Polk Co. Publisher	Image pg. A92
1940	Rex Arms Grocery	R.L. Polk Co., Inc.	Image pg. A101
1935	Rex Arms Grocery	R.L. Polk Co., Inc.	Image pg. A114

825 13TH AVE SE

Year	Uses	Source	
1960	Montgomery Ward & Co whse	R. L. Polk Co. Publishers	Image pg. A70

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Year	Uses	Source	
1960	No retosre	R. L. Polk Co. Publishers	Image pg. A70
	No returii SE Belmont intersects	R. L. Polk Co. Publishers	Image pg. A70
1955	Podemsky Max	R. L. Polk Co. Publishers	Image pg. A83
1950	A 1 Tetjen Fredk	R. L. Polk Co. Publisher	Image pg. A92
1940	Smith Leslie F	R.L. Polk Co., Inc.	Image pg. A101
1935	Smith Leslie F	R.L. Polk Co., Inc.	Image pg. A114

904 13TH AVE SE

Year	Uses	Source	
1960	Brecntan Jean	R. L. Polk Co. Publishers	Image pg. A70
1955	Blackwell Winthrop	R. L. Polk Co. Publishers	Image pg. A83
1950	A Hale J D	R. L. Polk Co. Publisher	Image pg. A92
1940	Sundbom Leonard F	R.L. Polk Co., Inc.	Image pg. A101
1935	Long Phyllis	R.L. Polk Co., Inc.	Image pg. A114

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915 13TH AVE SE

Year	Uses	Source	
1960	Dahl Tallok I r	R. L. Polk Co. Publishers	Image pg. A70
1955	Dahl Tallak H	R. L. Polk Co. Publishers	Image pg. A83
1950	Dahl T H	R. L. Polk Co. Publisher	Image pg. A92
1940	Wilson Jas	R.L. Polk Co., Inc.	Image pg. A101
1935	Wilson Jas	R.L. Polk Co., Inc.	Image pg. A114

916 13TH AVE SE

Year	Uses	Source	
1960	Sundboin Leoeoard IF	R. L. Polk Co. Publishers	Image pg. A70
1955	Sundbom Leonard F	R. L. Polk Co. Publishers	Image pg. A83
1950	Sundbom L F B	R. L. Polk Co. Publisher	Image pg. A92
1940	Ogle Jessie Mrs	R.L. Polk Co., Inc.	Image pg. A101
1935	Ogle Jessie Mrs	R.L. Polk Co., Inc.	Image pg. A114

923 13TH AVE SE

Year	Uses	Source	
1960	Apartments	R. L. Polk Co. Publishers	Image pg. A70
	Wroe Roialle	R. L. Polk Co. Publishers	Image pg. A70
	Kinnear Nell B Mrs	R. L. Polk Co. Publishers	Image pg. A70
	Hulburt Jassie Mrs	R. L. Polk Co. Publishers	Image pg. A70
	Girvan La Verno	R. L. Polk Co. Publishers	Image pg. A70
	Olson Ireeie C Mrs	R. L. Polk Co. Publishers	Image pg. A70
	Co Rothll Mrs	R. L. Polk Co. Publishers	Image pg. A70
1955	Apartments	R. L. Polk Co. Publishers	Image pg. A83
	Hulburt Jessie M Mrs	R. L. Polk Co. Publishers	Image pg. A83
	Ohlson Irene Mrs	R. L. Polk Co. Publishers	Image pg. A83
	Engstrom Ellen Mrs	R. L. Polk Co. Publishers	Image pg. A83
	Girvan LaVerne	R. L. Polk Co. Publishers	Image pg. A83
	Higgins Fred	R. L. Polk Co. Publishers	Image pg. A83
	Brenaman Ruby	R. L. Polk Co. Publishers	Image pg. A83
1950	Apartments	R. L. Polk Co. Publisher	Image pg. A92
	Ball John	R. L. Polk Co. Publisher	Image pg. A92
	Girvan La Verne	R. L. Polk Co. Publisher	Image pg. A92
	Hoan Mary	R. L. Polk Co. Publisher	Image pg. A92
	ALund W V	R. L. Polk Co. Publisher	Image pg. A92
	Mueller R A	R. L. Polk Co. Publisher	Image pg. A92
	PVokach Deloris	R. L. Polk Co. Publisher	Image pg. A92
1940	Apartments	R.L. Polk Co., Inc.	Image pg. A101

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Year	Uses	Source	
1940	Houston Beulah	R.L. Polk Co., Inc.	Image pg. A101
	Howe Vance W	R.L. Polk Co., Inc.	Image pg. A101
	Laramie Arth G	R.L. Polk Co., Inc.	Image pg. A101
	Lippert Chas	R.L. Polk Co., Inc.	Image pg. A101
	Traub Rose	R.L. Polk Co., Inc.	Image pg. A101
	Wilson Hazel	R.L. Polk Co., Inc.	Image pg. A101
1935	Apartments	R.L. Polk Co., Inc.	Image pg. A114
	I Schlothan Henry	R.L. Polk Co., Inc.	Image pg. A114
	Gregory Cecil S	R.L. Polk Co., Inc.	Image pg. A114
	Poore R F	R.L. Polk Co., Inc.	Image pg. A114
	Gottschalk Verona Mrs	R.L. Polk Co., Inc.	Image pg. A114
	Gage E Mrs	R.L. Polk Co., Inc.	Image pg. A114
	Vixler Jack H	R.L. Polk Co., Inc.	Image pg. A114
	Street continued	R.L. Polk Co., Inc.	Image pg. A114

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Year	Uses	Source	
1960	Vacant	R. L. Polk Co. Publishers	Image pg. A70
1955	Weir Harold	R. L. Polk Co. Publishers	Image pg. A83
1950	AStitz Jos	R. L. Polk Co. Publisher	Image pg. A92
1940	La Plante Dav J	R.L. Polk Co., Inc.	Image pg. A101
1935	Harris Paul	R.L. Polk Co., Inc.	Image pg. A114

938 13TH AVE SE

Year	Uses	Source	
1940	Warren Henry S P	R.L. Polk Co., Inc.	Image pg. A101
1935	Warren H S P	R.L. Polk Co., Inc.	Image pg. A114

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777 9TH AVE SE

Year	Uses	Source	
1960	Columbia Sis Co restr equip	R. L. Polk Co. Publishers	Image pg. A71

881 9TH AVE SE

Year	Uses	Source	
1960	Aindersen Ralpli A	R. L. Polk Co. Publishers	Image pg. A72

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905 9TH AVE SE

Year	Uses	Source	
1940	Boone Emma Mrs	R.L. Polk Co., Inc.	Image pg. A102
1935	Boone Anna Mrs	R.L. Polk Co., Inc.	Image pg. A115

907 9TH AVE SE

Year	Uses	Source	
1940	Holland John T	R.L. Polk Co., Inc.	Image pg. A102
1935	Lanpheir Emma M Mrs	R.L. Polk Co., Inc.	Image pg. A115

909 9TH AVE SE

Year	Uses	Source	
1940	Adams Marie M Mrs	R.L. Polk Co., Inc.	Image pg. A102
1935	Adams Marie M Mrs	R.L. Polk Co., Inc.	Image pg. A115

ALDER SE

922 ALDER SE

Year	Uses	Source	
1950	Vacant	R. L. Polk Co. Publisher	Image pg. A93
1940	Colahan Peter	R.L. Polk Co., Inc.	Image pg. A103

924 ALDER SE

Year	Uses	Source	
1950	Vacant	R. L. Polk Co. Publisher	Image pg. A93
1940	Larsen Chris F	R.L. Polk Co., Inc.	Image pg. A103

925 ALDER SE

Year	Uses	Source	
1950	AWolfe R B	R. L. Polk Co. Publisher	Image pg. A93

939 ALDER SE

Year	Uses	Source	
1960	Alaskan Copper & Brass Co	R. L. Polk Co. Publishers	Image pg. A73
1955	Bramwell Constn Co whse	R. L. Polk Co. Publishers	Image pg. A84
1950	Davis B E Machy Co	R. L. Polk Co. Publisher	Image pg. A93

1027 ALDER SE

Year	Uses	Source	
1940	Stilwell Geo	R.L. Polk Co., Inc.	Image pg. A103

FINDINGS

1029 ALDER SE

Year	Uses	Source	
1950	ALeadbetter Logging	R. L. Polk Co. Publisher	Image pg. A93
	Lbr Co	R. L. Polk Co. Publisher	Image pg. A93

1110 ALDER SE

Year	Uses	Source	
1960	Multnomali County Library Sch	R. L. Polk Co. Publishers	Image pg. A73
1955	Library Assn of Portland East Portland Br	R. L. Polk Co. Publishers	Image pg. A84
1950	Library Assn of Portland	R. L. Polk Co. Publisher	Image pg. A93
1940	East Portland Branch	R.L. Polk Co., Inc.	Image pg. A103
	Public Library	R.L. Polk Co., Inc.	Image pg. A103

1218 ALDER SE

Year	Uses	Source	
1960	Vacant	R. L. Polk Co. Publishers	Image pg. A73
1955	Haynes Lyle E	R. L. Polk Co. Publishers	Image pg. A84
	Peterson Helen Mrs	R. L. Polk Co. Publishers	Image pg. A84
1950	Anderson E A	R. L. Polk Co. Publisher	Image pg. A93
1940	Petterson Chris	R.L. Polk Co., Inc.	Image pg. A103
	Carstensen Thomazine P	R.L. Polk Co., Inc.	Image pg. A103
	Rodman Burton H	R.L. Polk Co., Inc.	Image pg. A103

1224 ALDER SE

Year	Uses	Source	
1955	Smith Cora B Mrs	R. L. Polk Co. Publishers	Image pg. A84
1950	ASmith C B Mrs	R. L. Polk Co. Publisher	Image pg. A93
1940	Smith Cora B Mrs	R.L. Polk Co., Inc.	Image pg. A103

1226 ALDER SE

Year	Uses	Source	
1960	Crombie John	R. L. Polk Co. Publishers	Image pg. A73
1955	Cromble John	R. L. Polk Co. Publishers	Image pg. A84
1950	ACrombie John	R. L. Polk Co. Publisher	Image pg. A93
1940	Hutton Thos A	R.L. Polk Co., Inc.	Image pg. A103

1234 ALDER SE

Year	Uses	Source	
1960	Galley Fern Mrs	R. L. Polk Co. Publishers	Image pg. A73
1955	Olsen Axel E	R. L. Polk Co. Publishers	Image pg. A84
	Budahouse John	R. L. Polk Co. Publishers	Image pg. A84

FINDINGS

Year	Uses	Source	
1955	Gudgel Robt H	R. L. Polk Co. Publishers	Image pg. A84
1950	ANasiund W A	R. L. Polk Co. Publisher	Image pg. A93
1940	Herrington Robt C	R.L. Polk Co., Inc.	Image pg. A103

1237 ALDER SE

Year	Uses	Source	
1960	geymnasiuni	R. L. Polk Co. Publishers	Image pg. A73
	Washington Higlt Sch	R. L. Polk Co. Publishers	Image pg. A73

1242 ALDER SE

Year	Uses	Source	
1960	Scott Lorenzo D	R. L. Polk Co. Publishers	Image pg. A73
1950	Olsen A E	R. L. Polk Co. Publisher	Image pg. A93
	AScott H E	R. L. Polk Co. Publisher	Image pg. A93
1940	Olson Axel E	R.L. Polk Co., Inc.	Image pg. A103

1245 ALDER SE

Year	Uses	Source	
1950	gymnasium	R. L. Polk Co. Publisher	Image pg. A93
	Washington High Sch	R. L. Polk Co. Publisher	Image pg. A93
1940	Gymnasium	R.L. Polk Co., Inc.	Image pg. A103
	Washington High School	R.L. Polk Co., Inc.	Image pg. A103

1257 ALDER SE

Year	Uses	Source	
1955	Washington High Sch gymnasium	R. L. Polk Co. Publishers	Image pg. A84

1300 ALDER SE

Year	Uses	Source	
1960	Ro Os A Wayne g	R. L. Polk Co. Publishers	Image pg. A73
1955	Roos A Wayne	R. L. Polk Co. Publishers	Image pg. A84
1950	AMc Williams D E	R. L. Polk Co. Publisher	Image pg. A93
1940	Wilson Robt E	R.L. Polk Co., Inc.	Image pg. A103

1306 ALDER SE

Year	Uses	Source	
1955	Read Dottie P Mrs	R. L. Polk Co. Publishers	Image pg. A84
1950	ARead D P Mrs	R. L. Polk Co. Publisher	Image pg. A93
1940	Read Dottie P Mrs	R.L. Polk Co., Inc.	Image pg. A103

FINDINGS

1312 ALDER SE

Year	Uses	Source	
1955	Lewis Leah P Mrs	R. L. Polk Co. Publishers	Image pg. A84
1950	Danzl R A	R. L. Polk Co. Publisher	Image pg. A93
	a Lewis Harry Mrs	R. L. Polk Co. Publisher	Image pg. A93
1940	Keeney Annabelle Mrs	R.L. Polk Co., Inc.	Image pg. A103

1326 ALDER SE

Year	Uses	Source	
1955	Popp Wm A	R. L. Polk Co. Publishers	Image pg. A84

1334 ALDER SE

Year	Uses	Source	
1960	Klensows Food Stores buyer oft	R. L. Polk Co. Publishers	Image pg. A73
1955	Vacant	R. L. Polk Co. Publishers	Image pg. A84

ALDER ST SE

922 ALDER ST SE

Year	Uses	Source	
1935	Vacant	R.L. Polk Co., Inc.	Image pg. A116

924 ALDER ST SE

Year	Uses	Source	
1935	Larson Chris F	R.L. Polk Co., Inc.	Image pg. A116
	Mc Intyre Adelbert	R.L. Polk Co., Inc.	Image pg. A116

1027 ALDER ST SE

Year	Uses	Source	
1935	Vacant	R.L. Polk Co., Inc.	Image pg. A116

1110 ALDER ST SE

Year	Uses	Source	
1935	East Portand Branch Pub	R.L. Polk Co., Inc.	Image pg. A116
	lib Library	R.L. Polk Co., Inc.	Image pg. A116

1212 ALDER ST SE

Year	Uses	Source	
1935	Roberts Phillip M	R.L. Polk Co., Inc.	Image pg. A116

FINDINGS

1218 ALDER ST SE

Year	*Uses*	*Source*	
1935	Petterson Chris D	R.L. Polk Co., Inc.	Image pg. A116

1224 ALDER ST SE

Year	*Uses*	*Source*	
1935	Smith Cora B Mrs	R.L. Polk Co., Inc.	Image pg. A116

1226 ALDER ST SE

Year	*Uses*	*Source*	
1935	Mc Fadden Sami S	R.L. Polk Co., Inc.	Image pg. A116

1234 ALDER ST SE

Year	*Uses*	*Source*	
1935	Herrington Robt C	R.L. Polk Co., Inc.	Image pg. A116

1242 ALDER ST SE

Year	*Uses*	*Source*	
1935	Nelson Roy B	R.L. Polk Co., Inc.	Image pg. A116

1245 ALDER ST SE

Year	*Uses*	*Source*	
1935	Washington High School	R.L. Polk Co., Inc.	Image pg. A116
	Gymnasium	R.L. Polk Co., Inc.	Image pg. A116

1300 ALDER ST SE

Year	*Uses*	*Source*	
1935	Rouse Allen R	R.L. Polk Co., Inc.	Image pg. A116

1306 ALDER ST SE

Year	*Uses*	*Source*	
1935	Read Dottie P Mrs	R.L. Polk Co., Inc.	Image pg. A116

1312 ALDER ST SE

Year	*Uses*	*Source*	
1935	Keeney Byron	R.L. Polk Co., Inc.	Image pg. A116

BELMONT

900 BELMONT

Year	*Uses*	*Source*	
1930	Webers Garage	R.L. Polk Co., Inc.	Image pg. A125

FINDINGS

905 BELMONT

Year	Uses	Source	
1930	Roenicke Pauline Mrs	R.L. Polk Co., Inc.	Image pg. A125

910 BELMONT

Year	Uses	Source	
1930	Sanner Edgar A gro	R.L. Polk Co., Inc.	Image pg. A125
	Somner John J baker	R.L. Polk Co., Inc.	Image pg. A125
1924	Sannar Edgar A Helen grocer	R.L. Polk Co., Inc.	

911 BELMONT

Year	Uses	Source	
1930	Tollber Floyd A	R.L. Polk Co., Inc.	Image pg. A125
1924	Willhoite Herbt N Helen acct SP&SRy	R.L. Polk Co., Inc.	

913 BELMONT

Year	Uses	Source	
1924	Cressler Geo W chauf	R.L. Polk Co., Inc.	
	Kinser Geo E Lulu meatctr	R.L. Polk Co., Inc.	
	Kinser W Howard driver	R.L. Polk Co., Inc.	
	Deloff Ernest J Edith elk W W Hill & Sons	R.L. Polk Co., Inc.	

914 BELMONT

Year	Uses	Source	
1930	Floor Co	R.L. Polk Co., Inc.	Image pg. A125
	Pierce Fred A	R.L. Polk Co., Inc.	Image pg. A125
	Pierce Hardwood	R.L. Polk Co., Inc.	Image pg. A125
1924	Koehler Edw F Maymie mgr Brooke Drug Co	R.L. Polk Co., Inc.	

915 BELMONT

Year	Uses	Source	
1930	Love Frank B	R.L. Polk Co., Inc.	Image pg. A125
	Shields Otis A	R.L. Polk Co., Inc.	Image pg. A125
1924	SMITH Gordon Frances blksmh	R.L. Polk Co., Inc.	
	OConnell Dennis Clara R v pres Oregon Belmont Corp	R.L. Polk Co., Inc.	

916 BELMONT

Year	Uses	Source	
1930	Vacant	R.L. Polk Co., Inc.	Image pg. A125

FINDINGS

917 BELMONT

Year	Uses	Source	
1930	Hunsucker Robt D	R.L. Polk Co., Inc.	Image pg. A125
1924	ANDE Louisa wid Jos M	R.L. Polk Co., Inc.	
	Schell Adolph Katie furrier	R.L. Polk Co., Inc.	

920 BELMONT

Year	Uses	Source	
1930	Kayben C B Mrs	R.L. Polk Co., Inc.	Image pg. A125

921 BELMONT

Year	Uses	Source	
1930	Garriott Shelby W	R.L. Polk Co., Inc.	Image pg. A125
1924	Cummings Emma H wid Harry	R.L. Polk Co., Inc.	
	CUMM ME tel opr	R.L. Polk Co., Inc.	
	Penland Stella	R.L. Polk Co., Inc.	
	Whiteis Roy V Anna slsn FLMc Guire	R.L. Polk Co., Inc.	

922 BELMONT

Year	Uses	Source	
1930	Davis David	R.L. Polk Co., Inc.	Image pg. A125
1924	Hallahan Timothy MPauline eng	R.L. Polk Co., Inc.	

923 BELMONT

Year	Uses	Source	
1930	Belmont Cleaners	R.L. Polk Co., Inc.	Image pg. A125
1924	Kennedy Jno Thelma	R.L. Polk Co., Inc.	
	Durbii Fred W Corinne	R.L. Polk Co., Inc.	

924 BELMONT

Year	Uses	Source	
1930	Johnstone C L Mrs	R.L. Polk Co., Inc.	Image pg. A125
	electro therapy	R.L. Polk Co., Inc.	Image pg. A125
1924	Frank L Anna C agt Standard Appraisal Co	R.L. Polk Co., Inc.	
	Dorothy L clk PG&CCo	R.L. Polk Co., Inc.	

925 BELMONT

Year	Uses	Source	
1930	Vacant	R.L. Polk Co., Inc.	Image pg. A125
1924	Jonasen Bertha wid Peter	R.L. Polk Co., Inc.	

FINDINGS

Year	Uses	Source	
1924	Budelier C J Ruth M bkpr Fairbanks Morse&Co	R.L. Polk Co., Inc.	
	Jonasen Olaf R asst credit mgr Fairbanks Morse&Co	R.L. Polk Co., Inc.	
	Tobey Wm L	R.L. Polk Co., Inc.	
	Tobey Wilma clk Fairbanks Morse&Co	R.L. Polk Co., Inc.	

927 BELMONT

Year	Uses	Source	
1930	Ward Richd E	R.L. Polk Co., Inc.	Image pg. A125
1924	WARD Harriet L mus tchr	R.L. Polk Co., Inc.	
	WARD Richd D Harriet carp hi	R.L. Polk Co., Inc.	
	WARD Celia E mnus tchr	R.L. Polk Co., Inc.	
	WARD Roger W carp	R.L. Polk Co., Inc.	

929 BELMONT

Year	Uses	Source	
1930	Fay L D	R.L. Polk Co., Inc.	Image pg. A125
1924	Fay Leonard D Mary J	R.L. Polk Co., Inc.	
	Fay Luella M artist	R.L. Polk Co., Inc.	
	Fay Geo M prsmn Oregonian	R.L. Polk Co., Inc.	
	Fay Chas C Mariam whsmn SOCo	R.L. Polk Co., Inc.	

931 BELMONT

Year	Uses	Source	
1930	Kent Carrie L Mrs	R.L. Polk Co., Inc.	Image pg. A125
1924	Selander Emil J Amy mech	R.L. Polk Co., Inc.	

936 BELMONT

Year	Uses	Source	
1930	Mackay Faith Mrs	R.L. Polk Co., Inc.	Image pg. A125
1924	PH Wm E Ethel beltmn	R.L. Polk Co., Inc.	

939 BELMONT

Year	Uses	Source	
1930	Linnton Aug W	R.L. Polk Co., Inc.	Image pg. A125
1924	ROBINSON Irene l M Mrs	R.L. Polk Co., Inc.	

940 BELMONT

Year	Uses	Source	
1930	Kingsley M R	R.L. Polk Co., Inc.	Image pg. A125

Year	Uses	Source	
1924	Kingsley Murdock R Josephine mason	R.L. Polk Co., Inc.	

942 BELMONT

Year	Uses	Source	
1930	Thorn Arleigh E	R.L. Polk Co., Inc.	Image pg. A125
1924	Thom Arleigh E Leta msgr Am Ry Exp	R.L. Polk Co., Inc.	

943 BELMONT

Year	Uses	Source	
1930	Davis Belle	R.L. Polk Co., Inc.	Image pg. A125
1924	WOOD Frank Ida M mtlwkr	R.L. Polk Co., Inc.	

945 BELMONT

Year	Uses	Source	
1930	Campbell Nancy Mrs	R.L. Polk Co., Inc.	Image pg. A125
1924	Thos R Thersa signalmn	R.L. Polk Co., Inc.	
	Thos P Nancy str capt Nickum & Kelly S & G Co	R.L. Polk Co., Inc.	

946 BELMONT

Year	Uses	Source	
1930	Galloway Thad F	R.L. Polk Co., Inc.	Image pg. A125
1924	Galloway Thaddeus F Eliz M carmn	R.L. Polk Co., Inc.	

947 BELMONT

Year	Uses	Source	
1930	Bird Guy K	R.L. Polk Co., Inc.	Image pg. A125

948 BELMONT

Year	Uses	Source	
1930	Herner Peter G	R.L. Polk Co., Inc.	Image pg. A125
1924	JACOBS Wm mech	R.L. Polk Co., Inc.	
	Jenkins Byron W driver	R.L. Polk Co., Inc.	
	Wiles Lewis N Lydia elk Sunnyside Hardware Co	R.L. Polk Co., Inc.	

950 BELMONT

Year	Uses	Source	
1930	Pratt Russell L	R.L. Polk Co., Inc.	Image pg. A125
1924	Vogelsang Jos G Minnie	R.L. Polk Co., Inc.	
	Silverstein Edw Laura clk Martin Marks Coffee Co	R.L. Polk Co., Inc.	

FINDINGS

Year	Uses	Source	
1924	Vogelsang Minnie Mrs slsn FWWCo	R.L. Polk Co., Inc.	

951 BELMONT

Year	Uses	Source	
1930	White Leona Mrs	R.L. Polk Co., Inc.	Image pg. A125
1924	NELSON Walter L sawyer	R.L. Polk Co., Inc.	
	HAYS Clyde B lab	R.L. Polk Co., Inc.	
	GIBSON Louis F Birdella furn fnshr	R.L. Polk Co., Inc.	

952 BELMONT

Year	Uses	Source	
1930	Sawtell Gift Box The	R.L. Polk Co., Inc.	Image pg. A125

953 BELMONT

Year	Uses	Source	
1930	Salon	R.L. Polk Co., Inc.	Image pg. A125
	Peter Pan Beauty	R.L. Polk Co., Inc.	Image pg. A125

957 BELMONT

Year	Uses	Source	
1930	Peter Pan Grocery	R.L. Polk Co., Inc.	Image pg. A125

963 BELMONT

Year	Uses	Source	
1930	Vacant	R.L. Polk Co., Inc.	Image pg. A125
1924	Sides Carl mason	R.L. Polk Co., Inc.	
	Sites Carl P mason	R.L. Polk Co., Inc.	
	Sides Cynthia C wid Saml	R.L. Polk Co., Inc.	
	Sites Cynthia	R.L. Polk Co., Inc.	

966 BELMONT

Year	Uses	Source	
1930	Arndt Jos	R.L. Polk Co., Inc.	Image pg. A125
1924	Stephenson Cecil L C glove ctr	R.L. Polk Co., Inc.	
	STEPHENSON Muriel G clk Wascher Bros	R.L. Polk Co., Inc.	
	STEPHENSON Margt wid Jno	R.L. Polk Co., Inc.	

967 BELMONT

Year	Uses	Source	
1930	Veach Perry T	R.L. Polk Co., Inc.	Image pg. A125

FINDINGS

Year	Uses	Source	
1924	Pond Carey A carp	R.L. Polk Co., Inc.	
	Bike Wm H Hazel	R.L. Polk Co., Inc.	
	PRESCOTT Ross V Bess T carp	R.L. Polk Co., Inc.	

969 BELMONT

Year	Uses	Source	
1930	Wheatley Lucy Mrs	R.L. Polk Co., Inc.	Image pg. A125
1924	Karau J Lehart Lucille carp	R.L. Polk Co., Inc.	
	Wheatley Henry Lucy horsemn	R.L. Polk Co., Inc.	
	Wheatley Wm J carp	R.L. Polk Co., Inc.	

971 BELMONT

Year	Uses	Source	
1930	Denby Transfer Co	R.L. Polk Co., Inc.	Image pg. A125
1924	Mc Wm C Doris E pntr	R.L. Polk Co., Inc.	
	Rucker Jos L Doris	R.L. Polk Co., Inc.	

972 BELMONT

Year	Uses	Source	
1930	Hicks John F G	R.L. Polk Co., Inc.	Image pg. A125
1924	Grandin Ralph L Avenel mech	R.L. Polk Co., Inc.	
	Mc Intyre Adelbert J Cora clk USEng	R.L. Polk Co., Inc.	
	Mc Austin B clk Crane Co	R.L. Polk Co., Inc.	

973 BELMONT

Year	Uses	Source
1924	Mc Herbt S Mildred slsn FBVaughan& Co	R.L. Polk Co., Inc.

975 BELMONT

Year	Uses	Source
1924	BENSON Eva mus tchr	R.L. Polk Co., Inc.

978 BELMONT

Year	Uses	Source	
1930	Taylor Edith Mrs	R.L. Polk Co., Inc.	Image pg. A125
1924	Bryson Chas A Kath eng	R.L. Polk Co., Inc.	
	Bryson Guy E stdt	R.L. Polk Co., Inc.	
	Bryson Melita	R.L. Polk Co., Inc.	

FINDINGS

979 BELMONT

Year	Uses	Source	
1930	Libby L Herbert	R.L. Polk Co., Inc.	Image pg. A125
	Powers Richd J	R.L. Polk Co., Inc.	Image pg. A125
1924	Newman Chas L asst mgr Remrnicks Song&Gift Shop	R.L. Polk Co., Inc.	

980 BELMONT

Year	Uses	Source	
1930	Mc Bride Robt L	R.L. Polk Co., Inc.	Image pg. A125
1924	NORWOOD Holly J Helen slsn M&FCo li	R.L. Polk Co., Inc.	
	Search Mary	R.L. Polk Co., Inc.	

983 BELMONT

Year	Uses	Source
1924	Cresse Lucy wid Wilson	R.L. Polk Co., Inc.
	Ewin WAm H Hettie phys	R.L. Polk Co., Inc.
	Cresse Richd L elk Or Auto Desp	R.L. Polk Co., Inc.

985 BELMONT

Year	Uses	Source	
1930	Sunnyside Hardware	R.L. Polk Co., Inc.	Image pg. A125
	Paint Co	R.L. Polk Co., Inc.	Image pg. A125

990 BELMONT

Year	Uses	Source	
1930	Raimer M H shoe repr	R.L. Polk Co., Inc.	Image pg. A125
1924	MILLER Chas M	R.L. Polk Co., Inc.	
	Laurence Alex H Hattie jeweler	R.L. Polk Co., Inc.	
	Stalder Henry Eva millwkr	R.L. Polk Co., Inc.	
	Stalder Eva D Mrs hemstitching	R.L. Polk Co., Inc.	
	Persinger Forest S uphlstr	R.L. Polk Co., Inc.	
	Korstad Mabel Mrs dry gds	R.L. Polk Co., Inc.	

992 BELMONT

Year	Uses	Source
1924	HUFF &Holland S E Huff M S Holland repr shop	R.L. Polk Co., Inc.
	Lezeho Llewelyn H Zilpha plmbr	R.L. Polk Co., Inc.

FINDINGS

993 BELMONT

Year	Uses	Source	
1924	Heick Chris F Virginia auto accessories	R.L. Polk Co., Inc.	

994 BELMONT

Year	Uses	Source	
1924	Calway Walter R Julia M furn	R.L. Polk Co., Inc.	

997 BELMONT

Year	Uses	Source	
1924	Godel Props Sunnyside Market Meats Pfish and Poultry Groceries Presh Pruitx and Vegetables	R.L. Polk Co., Inc.	

998 BELMONT

Year	Uses	Source	
1924	Orth A I & Co A I and P M Orth dry gds	R.L. Polk Co., Inc.	
	MOORE Fred C Margt slsn	R.L. Polk Co., Inc.	
	Lein Jno L pntr AWHolmgren	R.L. Polk Co., Inc.	
	Rothwell Jack mtlwkr	R.L. Polk Co., Inc.	

999 BELMONT

Year	Uses	Source	
1924	Kaser Hugo Kitty restr	R.L. Polk Co., Inc.	

1000 BELMONT

Year	Uses	Source	
1930	Makita J gro	R.L. Polk Co., Inc.	Image pg. A123
	Kight F M & Sons	R.L. Polk Co., Inc.	Image pg. A123
1924	Kight Frank M Ada real est	R.L. Polk Co., Inc.	
	Tribou Orsena N Mary shoe repr	R.L. Polk Co., Inc.	

1001 BELMONT

Year	Uses	Source	
1924	Irvin Eldon L Olive shoe repr	R.L. Polk Co., Inc.	

1002 BELMONT

Year	Uses	Source	
1930	Faiths Beauty Shop	R.L. Polk Co., Inc.	Image pg. A123
	Belmont Barber Shop	R.L. Polk Co., Inc.	Image pg. A123
1924	Sizemore Raymond L Susie barber	R.L. Polk Co., Inc.	

FINDINGS

1003 BELMONT

Year	*Uses*	*Source*	
1930	River View Dairy Co	R.L. Polk Co., Inc.	Image pg. A123
	Fernwood Dairy	R.L. Polk Co., Inc.	Image pg. A123

1004 BELMONT

Year	*Uses*	*Source*	
1930	j Vacant	R.L. Polk Co., Inc.	Image pg. A123
	Cottage Bakery	R.L. Polk Co., Inc.	Image pg. A123
1924	Canzler Paul H Anna baker	R.L. Polk Co., Inc.	
	Franciskovitz Fredk lab	R.L. Polk Co., Inc.	

1005 BELMONT

Year	*Uses*	*Source*
1924	WESTERN Glove Co Inc W I Chidester pres treas G F Herrman v pres C A Chidester sec asst treas	R.L. Polk Co., Inc.

1009 BELMONT

Year	*Uses*	*Source*	
1930	Laurence Alex H jwlr	R.L. Polk Co., Inc.	Image pg. A123

1010 BELMONT

Year	*Uses*	*Source*	
1930	Pantorium Dye Works	R.L. Polk Co., Inc.	Image pg. A123
1924	ECONOMY DRUOG STORES NO 4 At Your Service Popular Priced Merchandise We Deliver	R.L. Polk Co., Inc.	

1011 BELMONT

Year	*Uses*	*Source*	
1930	Irvin E L shoe repr	R.L. Polk Co., Inc.	Image pg. A123
	Sizemore Ray L barber	R.L. Polk Co., Inc.	Image pg. A123
	n Block Building	R.L. Polk Co., Inc.	Image pg. A123
	Vacant	R.L. Polk Co., Inc.	Image pg. A123
	Hubbard E Louise Mrs	R.L. Polk Co., Inc.	Image pg. A123
	Vacant	R.L. Polk Co., Inc.	Image pg. A123
	Morgan W L dentist	R.L. Polk Co., Inc.	Image pg. A123
	Laux Mae Mrs	R.L. Polk Co., Inc.	Image pg. A123
	Vacant	R.L. Polk Co., Inc.	Image pg. A123
	Owing Ralph R	R.L. Polk Co., Inc.	Image pg. A123
	Screitsmeier Harry	R.L. Polk Co., Inc.	Image pg. A123

FINDINGS

Year	Uses	Source	
1930	Street continued	R.L. Polk Co., Inc.	Image pg. A123
1924	Monroe Jos cigarmfr	R.L. Polk Co., Inc.	

1012 BELMONT

Year	Uses	Source	
1930	Belmont Market meats	R.L. Polk Co., Inc.	Image pg. A123
1924	Brown Ethelyn F sec C T Ross	R.L. Polk Co., Inc.	
	KIME ALBERT W Kittie Physician and Surgeon	R.L. Polk Co., Inc.	
	Mc Robt Lucile dentist	R.L. Polk Co., Inc.	
	Quick Alf L meats	R.L. Polk Co., Inc.	

1013 BELMONT

Year	Uses	Source	
1930	Laundry	R.L. Polk Co., Inc.	Image pg. A123
	Supreme Hand	R.L. Polk Co., Inc.	Image pg. A123

1014 BELMONT

Year	Uses	Source	
1930	Mac Marr Stores gro	R.L. Polk Co., Inc.	Image pg. A123

1015 BELMONT

Year	Uses	Source	
1930	Bumstead Drug Co	R.L. Polk Co., Inc.	Image pg. A123
1924	Frank billiards	R.L. Polk Co., Inc.	

1020 BELMONT

Year	Uses	Source	
1930	B Robison Fred	R.L. Polk Co., Inc.	Image pg. A123
	Cain Al confr	R.L. Polk Co., Inc.	Image pg. A123
1924	Tozier Lester M naturopath	R.L. Polk Co., Inc.	
	Onstad Paul G Ida dentist	R.L. Polk Co., Inc.	
	Moon Lester A Ida conf	R.L. Polk Co., Inc.	
	FULLER Gladys L clk M&FCo	R.L. Polk Co., Inc.	
	FUILLER Ellis B Olga slsn	R.L. Polk Co., Inc.	

1021 BELMONT

Year	Uses	Source	
1930	Economy Drug Stores	R.L. Polk Co., Inc.	Image pg. A123
1924	CARTER Jackson J barber	R.L. Polk Co., Inc.	
	Bumstead Drug Co L M Bumstead	R.L. Polk Co., Inc.	

FINDINGS

1022 BELMONT

Year	Uses	Source	
1930	Mac Marr Stores gro	R.L. Polk Co., Inc.	Image pg. A123

1023 BELMONT

Year	Uses	Source	
1924	Bradford Paul W Bernice grocer	R.L. Polk Co., Inc.	

1025 BELMONT

Year	Uses	Source	
1930	Sunnyside Bakery	R.L. Polk Co., Inc.	Image pg. A123
1924	Pence Ross E baker	R.L. Polk Co., Inc.	

1026 BELMONT

Year	Uses	Source	
1930	Stalder Eva D Mrs	R.L. Polk Co., Inc.	Image pg. A123
	drsmkr	R.L. Polk Co., Inc.	Image pg. A123
1924	Wm L Eunice E sanitarium	R.L. Polk Co., Inc.	

1027 BELMONT

Year	Uses	Source	
1930	Eiler Albt E tir	R.L. Polk Co., Inc.	Image pg. A123
	Tribou 0 N shoe repr	R.L. Polk Co., Inc.	Image pg. A123
	& Dennison Apartments	R.L. Polk Co., Inc.	Image pg. A123
	Anthony Kenneth	R.L. Polk Co., Inc.	Image pg. A123
	Keith J B	R.L. Polk Co., Inc.	Image pg. A123
	Mc Bride H W	R.L. Polk Co., Inc.	Image pg. A123
	Moon F F	R.L. Polk Co., Inc.	Image pg. A123
	Shields 0 A	R.L. Polk Co., Inc.	Image pg. A123
	Woodward Nellie Mrs	R.L. Polk Co., Inc.	Image pg. A123
	Rieger Louise	R.L. Polk Co., Inc.	Image pg. A123
	Zittercobb Leona	R.L. Polk Co., Inc.	Image pg. A123
	Herron Hazel	R.L. Polk Co., Inc.	Image pg. A123
	Redmond Laurence R	R.L. Polk Co., Inc.	Image pg. A123
	Brandl Francis	R.L. Polk Co., Inc.	Image pg. A123
	Vacant	R.L. Polk Co., Inc.	Image pg. A123
	Burnham Rol D	R.L. Polk Co., Inc.	Image pg. A123
	Armstrong Clarence B	R.L. Polk Co., Inc.	Image pg. A123
	Larsen Chas W	R.L. Polk Co., Inc.	Image pg. A123
	Vacant	R.L. Polk Co., Inc.	Image pg. A123
	Bloomfeldt Louis C	R.L. Polk Co., Inc.	Image pg. A123

FINDINGS

Year	Uses	Source	
1930	Vacant	R.L. Polk Co., Inc.	Image pg. A123
	Hamilton Walter D	R.L. Polk Co., Inc.	Image pg. A123
	Haynes Alfd E	R.L. Polk Co., Inc.	Image pg. A123
	Street continued	R.L. Polk Co., Inc.	Image pg. A123
1924	Dennison Apartments Rose L Wilcox	R.L. Polk Co., Inc.	
	Eiler Albt E Mary tailor	R.L. Polk Co., Inc.	
	STAUB H H Margaret Real Estate City Suburban and Country Property Notary Public	R.L. Polk Co., Inc.	
	Tyler Fred B Bertha aect EJCurtin&Co	R.L. Polk Co., Inc.	

1028 BELMONT

Year	Uses	Source	
1930	Akers Jack F	R.L. Polk Co., Inc.	Image pg. A123
1924	Fontaine Jos T L Belle mfg opt Thompson Opt Inst	R.L. Polk Co., Inc.	

1034 BELMONT

Year	Uses	Source
1924	Burnham Orie C garage	R.L. Polk Co., Inc.

1035 BELMONT

Year	Uses	Source
1924	Riler Fred Clotilde clk Pac States Elec Co	R.L. Polk Co., Inc.

1037 BELMONT

Year	Uses	Source
1924	Heuer Harry W Myrtle slsn Condit&Conser Co	R.L. Polk Co., Inc.

1038 BELMONT

Year	Uses	Source
1924	BERRY Philip L Pearl real est	R.L. Polk Co., Inc.
	Horan Jno S Nite&Day Transf Co	R.L. Polk Co., Inc.
	Nite & Day Transfer Co E R Marum J S Horan	R.L. Polk Co., Inc.

1039 BELMONT

Year	Uses	Source
1924	WI lillian E wid Chas slsn OW&K	R.L. Polk Co., Inc.
	Waldren Amanda E Mrs notions	R.L. Polk Co., Inc.

FINDINGS

1040 BELMONT

Year	Uses	Source
1924	Gerberick Morris Ernestine	R.L. Polk Co., Inc.
	Ziegler Isaac E Mary	R.L. Polk Co., Inc.
	WENTWOBTH Wallace Bernice lab	R.L. Polk Co., Inc.
	MILLS Jas 0 Hallie driver	R.L. Polk Co., Inc.
	Keihl Anna L slsn M&FCo	R.L. Polk Co., Inc.

1042 BELMONT

Year	Uses	Source
1924	THOMAS Sarah clk	R.L. Polk Co., Inc.
	Malboeuf Minnie B clk Roberts Bros	R.L. Polk Co., Inc.
	JOHNSON Frank T Dora A jntr	R.L. Polk Co., Inc.
	KING David R	R.L. Polk Co., Inc.
	Malboeuf M ary J wid Saml	R.L. Polk Co., Inc.
	Greer Stella	R.L. Polk Co., Inc.

1043 BELMONT

Year	Uses	Source
1924	FREED Lena Mrs	R.L. Polk Co., Inc.

1045 BELMONT

Year	Uses	Source
1924	PERRY Luther M Florence conf	R.L. Polk Co., Inc.
	SUNNYSIDE Trneatre G H Adams	R.L. Polk Co., Inc.

1047 BELMONT

Year	Uses	Source
1924	SNOOK & WHEALDON W P Snook W F Whealdon Funeral Directors and Morticians	R.L. Polk Co., Inc.

1051 BELMONT

Year	Uses	Source	
1930	Chris Service Station	R.L. Polk Co., Inc.	Image pg. A123

1055 BELMONT

Year	Uses	Source
1924	LEE Chas W Anna Sunnyside Gazette	R.L. Polk Co., Inc.
	SUNNYSIDE Gazette C W Lee	R.L. Polk Co., Inc.

FINDINGS

1056 BELMONT

Year	Uses	Source	
1930	Premo Ray A	R.L. Polk Co., Inc.	Image pg. A123
1924	Lafferty Edgar F boilermkr	R.L. Polk Co., Inc.	
	Mc Sarah J wid Jos	R.L. Polk Co., Inc.	

1057 BELMONT

Year	Uses	Source	
1930	Sullivan John T gro	R.L. Polk Co., Inc.	Image pg. A123
1924	SULLIVAN Jno T Anna grocer	R.L. Polk Co., Inc.	

1058 BELMONT

Year	Uses	Source	
1930	Vacant	R.L. Polk Co., Inc.	Image pg. A123
1924	BOYER Edw J Violet L carp	R.L. Polk Co., Inc.	
	Boyer Ted carp	R.L. Polk Co., Inc.	
	Gatska Chas A whsmn	R.L. Polk Co., Inc.	

1059 BELMONT

Year	Uses	Source	
1930	Smuin Roland	R.L. Polk Co., Inc.	Image pg. A123

1060 BELMONT

Year	Uses	Source	
1930	Lee Chas W	R.L. Polk Co., Inc.	Image pg. A123
	Sunnvside Gazette	R.L. Polk Co., Inc.	Image pg. A123
1924	Willison Margt wid Jno WV	R.L. Polk Co., Inc.	
	La Homer A Margt naturopath	R.L. Polk Co., Inc.	

1061 BELMONT

Year	Uses	Source	
1930	Bumstead Stella Mrs	R.L. Polk Co., Inc.	Image pg. A123
	k Hesse Richd C	R.L. Polk Co., Inc.	Image pg. A123

1067 BELMONT

Year	Uses	Source	
1930	Long Jenerous A	R.L. Polk Co., Inc.	Image pg. A123
1924	Applegate Edw Florence mech	R.L. Polk Co., Inc.	
	Applegate Florence E Mrs	R.L. Polk Co., Inc.	

FINDINGS

1069 BELMONT

Year	Uses	Source	
1930	Haettinger Clara	R.L. Polk Co., Inc.	Image pg. A123
1924	Haettinger Wilfred baker	R.L. Polk Co., Inc.	
	Haettinger Clara tchr Shattuck Sch	R.L. Polk Co., Inc.	

1070 BELMONT

Year	Uses	Source	
1930	Hamilton Anna M	R.L. Polk Co., Inc.	Image pg. A123
1924	Geo W	R.L. Polk Co., Inc.	
	Hamilton Anna M casket trmr	R.L. Polk Co., Inc.	

1071 BELMONT

Year	Uses	Source	
1930	Vacant	R.L. Polk Co., Inc.	Image pg. A123
1924	Vaughn Flora Mrs	R.L. Polk Co., Inc.	
	VAUGHAN Thos H Flora eng	R.L. Polk Co., Inc.	
	VAUGHAN Evelyn M stng YMCA	R.L. Polk Co., Inc.	

1072 BELMONT

Year	Uses	Source	
1930	Lorenz Margt	R.L. Polk Co., Inc.	Image pg. A123
1924	LORENZ Eliz L	R.L. Polk Co., Inc.	
	LORENZ Margt stng Lewis Stenger	R.L. Polk Co., Inc.	

1073 BELMONT

Year	Uses	Source	
1930	Kay Julia A Mrs	R.L. Polk Co., Inc.	Image pg. A123
1924	STONE Harold Madeline driver Crescent Lndy	R.L. Polk Co., Inc.	
	Stone Arild driver	R.L. Polk Co., Inc.	
	SMITH Otho E Mabel pharm Heldfond Drug Co	R.L. Polk Co., Inc.	

1074 BELMONT

Year	Uses	Source	
1930	Smith Harry C	R.L. Polk Co., Inc.	Image pg. A123

1075 BELMONT

Year	Uses	Source	
1930	Dufur Mary L Mrs D	R.L. Polk Co., Inc.	Image pg. A123
1924	Dufur Mary L wid W H H	R.L. Polk Co., Inc.	

FINDINGS

1076 BELMONT

Year	Uses	Source	
1930	Wagenaar Peter	R.L. Polk Co., Inc.	Image pg. A123
1924	PATTERSON Doe P Grace agt Bankers Life Coof Des Moines	R.L. Polk Co., Inc.	

1078 BELMONT

Year	Uses	Source	
1930	Knight Aretus L	R.L. Polk Co., Inc.	Image pg. A123
1924	HARTFORD Wm M Ruby slsn NWMutl Fire Assn	R.L. Polk Co., Inc.	

1080 BELMONT

Year	Uses	Source	
1930	Tate Robt	R.L. Polk Co., Inc.	Image pg. A123
1924	Wicker E E eng Pac Car&Fndy Co	R.L. Polk Co., Inc.	
	Hunter JTas W Mary A slsn M&FCo	R.L. Polk Co., Inc.	

1082 BELMONT

Year	Uses	Source	
1930	Vacant	R.L. Polk Co., Inc.	Image pg. A123
1924	Tatro Vila G stng Pac States Fire Ins Co	R.L. Polk Co., Inc.	
	Tatro Irma W stng Pac States Fire Inc Co	R.L. Polk Co., Inc.	
	Tatro Henry C Viola D	R.L. Polk Co., Inc.	
	Tatro Geo L clk Pac States Fire Inc Co	R.L. Polk Co., Inc.	
	Tatro Arth C	R.L. Polk Co., Inc.	

1084 BELMONT

Year	Uses	Source	
1930	Gardner Jos C	R.L. Polk Co., Inc.	Image pg. A123

1085 BELMONT

Year	Uses	Source	
1930	Worden M W Mrs	R.L. Polk Co., Inc.	Image pg. A123
1924	Ruth tclir Portsmouth Sch	R.L. Polk Co., Inc.	
	Worden Henry I Mary	R.L. Polk Co., Inc.	
	Worden Allie clk Neighborsof Woodcraft	R.L. Polk Co., Inc.	

1086 BELMONT

Year	Uses	Source	
1930	Morris Geo G	R.L. Polk Co., Inc.	Image pg. A123
1924	MOE Geo G Julia agt Cole News Co	R.L. Polk Co., Inc.	

FINDINGS

Year	Uses	Source	
1924	Enright Evelyn elk PT&TCo	R.L. Polk Co., Inc.	
	Enright Lloyd M	R.L. Polk Co., Inc.	
	Enright Jos E	R.L. Polk Co., Inc.	

1087 BELMONT

Year	Uses	Source	
1930	WAolfe Pearl Mrs	R.L. Polk Co., Inc.	Image pg. A123
1924	Hanson Andw Charlotte	R.L. Polk Co., Inc.	

1088 BELMONT

Year	Uses	Source	
1930	B Vacant	R.L. Polk Co., Inc.	Image pg. A123
	Rees Raful R baker	R.L. Polk Co., Inc.	Image pg. A123
	A Baer Chris E	R.L. Polk Co., Inc.	Image pg. A123
1924	Gist Hazel	R.L. Polk Co., Inc.	
	Gist Everett E lab	R.L. Polk Co., Inc.	
	Gist J Mae wid Rolla	R.L. Polk Co., Inc.	

1089 BELMONT

Year	Uses	Source	
1930	Mc Pherson Jos E	R.L. Polk Co., Inc.	Image pg. A123
1924	Mc Jos E Eva elk Clyde Hotel	R.L. Polk Co., Inc.	

1090 BELMONT

Year	Uses	Source	
1930	Hillcrest The	R.L. Polk Co., Inc.	Image pg. A123
1924	Oldham Elsie L Mrs delicatessen	R.L. Polk Co., Inc.	
	Mary	R.L. Polk Co., Inc.	
	Oldham Mildred R restrwkr	R.L. Polk Co., Inc.	

1091 BELMONT

Year	Uses	Source	
1930	Hereford Earl R	R.L. Polk Co., Inc.	Image pg. A123
1924	SAY Mary C wid Sylvanus	R.L. Polk Co., Inc.	

1092 BELMONT

Year	Uses	Source	
1930	gro and meats	R.L. Polk Co., Inc.	Image pg. A123
	Hill W W & Sons	R.L. Polk Co., Inc.	Image pg. A123

FINDINGS

1093 BELMONT

Year	Uses	Source	
1930	Fehrenbacher Wm	R.L. Polk Co., Inc.	Image pg. A123
1924	Fehrenbacher Wmi Mattie E mgr Martin&Forbes Co	R.L. Polk Co., Inc.	

1100 BELMONT

Year	Uses	Source	
1930	Sunnyside Emporium	R.L. Polk Co., Inc.	Image pg. A123
	dry gds	R.L. Polk Co., Inc.	Image pg. A123
1924	Su En porium J MA Wallace	R.L. Polk Co., Inc.	

1101 BELMONT

Year	Uses	Source	
1930	Sunnyside Cash	R.L. Polk Co., Inc.	Image pg. A123
	Grocery	R.L. Polk Co., Inc.	Image pg. A123
	t Rilance Isaac M	R.L. Polk Co., Inc.	Image pg. A123
1924	Rilance Ernest M Nina grocer	R.L. Polk Co., Inc.	
	Tillman Walter P Maude E dentist	R.L. Polk Co., Inc.	

1102 BELMONT

Year	Uses	Source	
1930	Hazels Beauty Shop	R.L. Polk Co., Inc.	Image pg. A123
	Petrequin Jos C	R.L. Polk Co., Inc.	Image pg. A123
1924	Geffert Millinery Mathilda and Martha Geffert	R.L. Polk Co., Inc.	
	Geffert Martha Geffert Millinery V	R.L. Polk Co., Inc.	
	Geffert Mathilda Geffert Millinery	R.L. Polk Co., Inc.	

1103 BELMONT

Year	Uses	Source	
1930	Absher Albt	R.L. Polk Co., Inc.	Image pg. A123
1924	Absher Claude A Carrie bkpr	R.L. Polk Co., Inc.	
	Absher Carrie H Mrs tchr Lents Sch	R.L. Polk Co., Inc.	
	HUNT Kate L wid Jno L	R.L. Polk Co., Inc.	

1104 BELMONT

Year	Uses	Source	
1930	Pogue Ralph M	R.L. Polk Co., Inc.	Image pg. A123
1924	Lennox Mary J wid Saml	R.L. Polk Co., Inc.	
	MEAGHZE Michl A Vesta lab	R.L. Polk Co., Inc.	

FINDINGS

1105 BELMONT

Year	Uses	Source	
1930	Abraham Carl	R.L. Polk Co., Inc.	Image pg. A123
1924	Abraham Carl Daisy elk RMS	R.L. Polk Co., Inc.	

1106 BELMONT

Year	Uses	Source	
1930	Conn Elmer	R.L. Polk Co., Inc.	Image pg. A123
1924	Conn Elmer Eva cbtmkr	R.L. Polk Co., Inc.	

1107 BELMONT

Year	Uses	Source	
1930	Holgate Clinton P	R.L. Polk Co., Inc.	Image pg. A123
1924	Holgate Clinton P Sarah	R.L. Polk Co., Inc.	

1108 BELMONT

Year	Uses	Source	
1930	Josse Chas P	R.L. Polk Co., Inc.	Image pg. A123
	Josse Florence E Mrs	R.L. Polk Co., Inc.	Image pg. A123
	music tchr	R.L. Polk Co., Inc.	Image pg. A123
1924	Josse Chas P Florence elk AWHolmgren	R.L. Polk Co., Inc.	
	Josse Florence E Mrs mus tchr	R.L. Polk Co., Inc.	

1109 BELMONT

Year	Uses	Source	
1930	Vacant	R.L. Polk Co., Inc.	Image pg. A123
1924	Koeck Marie wid Jos	R.L. Polk Co., Inc.	
	Mc Beatrice wid Irwin stng Civil Service Board	R.L. Polk Co., Inc.	

1110 BELMONT

Year	Uses	Source	
1930	Hummel W Mrs	R.L. Polk Co., Inc.	Image pg. A123
1924	Hummel Geo J Wilhelmina wchmn	R.L. Polk Co., Inc.	
	Kamna Henry slsn JICase TMCo	R.L. Polk Co., Inc.	

1111 BELMONT

Year	Uses	Source	
1930	Mann Clara L Mrs	R.L. Polk Co., Inc.	Image pg. A123
1924	Mann Edw F Clara opr OWR&N	R.L. Polk Co., Inc.	

FINDINGS

1113 BELMONT

Year	Uses	Source	
1930	Worth Leona H Mrs	R.L. Polk Co., Inc.	Image pg. A123
1924	Worth Geary H	R.L. Polk Co., Inc.	
	Worth Leona wid Jos E	R.L. Polk Co., Inc.	

1115 BELMONT

Year	Uses	Source	
1930	Bates Allen T	R.L. Polk Co., Inc.	Image pg. A123
1924	Bates Allen T Ethel dentist	R.L. Polk Co., Inc.	
	Bros Olive E wid Phineas	R.L. Polk Co., Inc.	
	BATES Sara F tchr Glencoe Sch	R.L. Polk Co., Inc.	

1121 BELMONT

Year	Uses	Source	
1930	Douglas Geo A contr	R.L. Polk Co., Inc.	Image pg. A123
1924	E Geo A Emma carp	R.L. Polk Co., Inc.	
	E Harriet B stdt	R.L. Polk Co., Inc.	

1131 BELMONT

Year	Uses	Source	
1930	Clow V E real est	R.L. Polk Co., Inc.	Image pg. A123
1924	CLOW Vern E Zada real est	R.L. Polk Co., Inc.	

1132 BELMONT

Year	Uses	Source	
1930	Sherban Nick	R.L. Polk Co., Inc.	Image pg. A123
1924	Sherban Nick Mary barber	R.L. Polk Co., Inc.	

1134 BELMONT

Year	Uses	Source	
1930	Bates Sara F	R.L. Polk Co., Inc.	Image pg. A123
	Stewart Kath Mrs	R.L. Polk Co., Inc.	Image pg. A123
1924	SORENSEN Stanley R Harriett treas Oregon Piggly Wiggly Co	R.L. Polk Co., Inc.	

1135 BELMONT

Year	Uses	Source	
1930	E & M Products Co	R.L. Polk Co., Inc.	Image pg. A123

FINDINGS

1136 BELMONT

Year	Uses	Source	
1930	Coffey Earl	R.L. Polk Co., Inc.	Image pg. A123
1924	Malm erg Richd 0 Abbie mariner	R.L. Polk Co., Inc.	
	Mannix Deborah wid Michi	R.L. Polk Co., Inc.	
	Ross Adah B wid Eug clk M&FCo	R.L. Polk Co., Inc.	
	Simerson Jas S filer	R.L. Polk Co., Inc.	

1137 BELMONT

Year	Uses	Source	
1930	Vaughan B L Mrs clnr	R.L. Polk Co., Inc.	Image pg. A123

1138 BELMONT

Year	Uses	Source	
1930	Sundt Walter	R.L. Polk Co., Inc.	Image pg. A123
1924	Kupp Arth L Minnie slsn Fletcher& James	R.L. Polk Co., Inc.	

1139 BELMONT

Year	Uses	Source	
1930	Miller Ernest	R.L. Polk Co., Inc.	Image pg. A123
	Laurelhurst Barber	R.L. Polk Co., Inc.	Image pg. A123
	chiropractor	R.L. Polk Co., Inc.	Image pg. A123
1924	Louise M Mrs chiro	R.L. Polk Co., Inc.	
	MILLER Ernest 0 Louise lab	R.L. Polk Co., Inc.	
	JOHNSON Chas E Mae barber	R.L. Polk Co., Inc.	

1140 BELMONT

Year	Uses	Source	
1930	Mc Dowell B Mrs	R.L. Polk Co., Inc.	Image pg. A123
1924	Eder Burr J Jennie agt Bankers Life Coof Des Moines	R.L. Polk Co., Inc.	

1142 BELMONT

Year	Uses	Source	
1930	Mapes Minnie D Mrs	R.L. Polk Co., Inc.	Image pg. A123
	music tchr	R.L. Polk Co., Inc.	Image pg. A123
1924	Duden Achsahl wid Henry	R.L. Polk Co., Inc.	

1144 BELMONT

Year	Uses	Source	
1930	Milleson Geo W pntr	R.L. Polk Co., Inc.	Image pg. A123
1924	Hastings Elvera Mrs elk Moritz Jacoby	R.L. Polk Co., Inc.	

Year	Uses	Source	
1924	Hawthorne Jno C Elvera slsn	R.L. Polk Co., Inc.	

1145 BELMONT

Year	Uses	Source	
1930	Halas Bessie Mrs	R.L. Polk Co., Inc.	Image pg. A123
1924	Sarsfield Wm Agnes mnech	R.L. Polk Co., Inc.	
	Fulmer Perry Esther driver Laurelhurst Clg &Dye Wks	R.L. Polk Co., Inc.	
	ERICKSON Hannes T Ruby slsn Lang Jones&Co	R.L. Polk Co., Inc.	

1147 BELMONT

Year	Uses	Source	
1930	Carlton Leonora C	R.L. Polk Co., Inc.	Image pg. A123
1924	La Betty M priv sec Natl Hosp Assn	R.L. Polk Co., Inc.	
	Bashaw Mildred B bkpr Miller Paint&Wall Paper Co	R.L. Polk Co., Inc.	
	La Pine Albt Delphine carp	R.L. Polk Co., Inc.	

1149 BELMONT

Year	Uses	Source	
1930	Winter Arth H	R.L. Polk Co., Inc.	Image pg. A123
1924	ALLEN Arth E barber	R.L. Polk Co., Inc.	

1151 BELMONT

Year	Uses	Source	
1930	Mc Kenna Jas P	R.L. Polk Co., Inc.	Image pg. A123
1924	Mc Jas P Marie L real est	R.L. Polk Co., Inc.	

1153 BELMONT

Year	Uses	Source	
1930	Eds Shoe Repairing	R.L. Polk Co., Inc.	Image pg. A123
1924	Roherbeck Geo T shoe repr	R.L. Polk Co., Inc.	

1155 BELMONT

Year	Uses	Source	
1930	Mac Marr Store gro	R.L. Polk Co., Inc.	Image pg. A123
1924	MYEBS Warren T Ora grocer	R.L. Polk Co., Inc.	

1160 BELMONT

Year	Uses	Source	
1930	Vacant	R.L. Polk Co., Inc.	Image pg. A123

FINDINGS

Year	Uses	Source	
1924	Knutson Anton	R.L. Polk Co., Inc.	

1161 BELMONT

Year	Uses	Source	
1930	Laurelhurst Pharmacy	R.L. Polk Co., Inc.	Image pg. A123
1924	LAUBEILKUST PHARMACY A J Stayner	R.L. Polk Co., Inc.	

1162 BELMONT

Year	Uses	Source	
1924	Stoll Bios T A and F G Stoll grocers	R.L. Polk Co., Inc.	

1163 BELMONT

Year	Uses	Source	
1930	Ardies Lorena C	R.L. Polk Co., Inc.	Image pg. A123
	Hamlin Frank	R.L. Polk Co., Inc.	Image pg. A123
	Tench John	R.L. Polk Co., Inc.	Image pg. A123
	Code John C	R.L. Polk Co., Inc.	Image pg. A123
	Bartels John C dentist	R.L. Polk Co., Inc.	Image pg. A123
	Balfour Apartments	R.L. Polk Co., Inc.	Image pg. A123
	Miller Dorothy	R.L. Polk Co., Inc.	Image pg. A123
	Vacant	R.L. Polk Co., Inc.	Image pg. A123
	Stafford Muriel	R.L. Polk Co., Inc.	Image pg. A123
	May Lee	R.L. Polk Co., Inc.	Image pg. A123
	Mc Lain Lela K Mrs	R.L. Polk Co., Inc.	Image pg. A123
	Street continued	R.L. Polk Co., Inc.	Image pg. A123
1924	FRASER Donald A Louise br mgr Eagle Stores	R.L. Polk Co., Inc.	
	Balfour Apartments Mrs Thos Tarzwell	R.L. Polk Co., Inc.	

1164 BELMONT

Year	Uses	Source	
1930	Eberle T Wmi barber	R.L. Polk Co., Inc.	Image pg. A123
1924	MORROW Lawrence P Nellie furn repr	R.L. Polk Co., Inc.	

1166 BELMONT

Year	Uses	Source	
1930	Apartments	R.L. Polk Co., Inc.	Image pg. A123
	Vacant	R.L. Polk Co., Inc.	Image pg. A123
	Schnetzer Louis	R.L. Polk Co., Inc.	Image pg. A123
	Stapleton J C	R.L. Polk Co., Inc.	Image pg. A123

FINDINGS

Year	Uses	Source	
1930	Rhoades Chas W	R.L. Polk Co., Inc.	Image pg. A123
	Aho Elva	R.L. Polk Co., Inc.	Image pg. A123
	Street continued	R.L. Polk Co., Inc.	Image pg. A123
1924	Forsythe Eug J Claudia E slsn	R.L. Polk Co., Inc.	
	Langman Jas D slsn	R.L. Polk Co., Inc.	
	Mc Jno C Marian elk Blair Raas Co	R.L. Polk Co., Inc.	
	Rhoad Chas W Linna clk RMS	R.L. Polk Co., Inc.	
	Rhoad Leona F waiter	R.L. Polk Co., Inc.	
	SNOW Ted A Harriet	R.L. Polk Co., Inc.	

1167 BELMONT

Year	Uses	Source	
1930	Paulson Mabel G Mrs	R.L. Polk Co., Inc.	Image pg. A123
1924	Rau Leslie L Alma slsn Staiger Shoe Co	R.L. Polk Co., Inc.	

1169 BELMONT

Year	Uses	Source	
1930	Gatewood Robt M	R.L. Polk Co., Inc.	Image pg. A123
	Irvine Bertha E acct	R.L. Polk Co., Inc.	Image pg. A123
1924	Prairie H J Lucille	R.L. Polk Co., Inc.	
	IRVINE Bertha E acct	R.L. Polk Co., Inc.	
	IRVINE Maude L wid Frank slsn OW&K	R.L. Polk Co., Inc.	

1170 BELMONT

Year	Uses	Source	
1930	Bates Horace M	R.L. Polk Co., Inc.	Image pg. A123
	Doyle Edw W	R.L. Polk Co., Inc.	Image pg. A123
1924	Sanders F Vincent Pearl auto repr	R.L. Polk Co., Inc.	
	Wilkie Fred E slsn	R.L. Polk Co., Inc.	

1171 BELMONT

Year	Uses	Source	
1930	Baker Alvin C	R.L. Polk Co., Inc.	Image pg. A123
1924	BAKER Leland J	R.L. Polk Co., Inc.	
	Nichols Anna B Mrs corsetiere LW&Co	R.L. Polk Co., Inc.	
	NICHOIS Geo H Annie slsn ECAtkins&Co	R.L. Polk Co., Inc.	

1172 BELMONT

Year	Uses	Source	
1930	Sanders Frank	R.L. Polk Co., Inc.	Image pg. A123

FINDINGS

Year	Uses	Source	
1924	Bathgate Wmi H Ethel lino opr	R.L. Polk Co., Inc.	
	Dudley Ruth C	R.L. Polk Co., Inc.	

1174 BELMONT

Year	Uses	Source	
1930	Ferguson Clarence A	R.L. Polk Co., Inc.	Image pg. A123
1924	Griswold Daisy C wid C	R.L. Polk Co., Inc.	
	Sprague Geo M agt Cole News Co	R.L. Polk Co., Inc.	

1176 BELMONT

Year	Uses	Source	
1930	Brown Thos F	R.L. Polk Co., Inc.	Image pg. A123
1924	Holford Chas Hetta florist FMYoung	R.L. Polk Co., Inc.	
	Neilson Rose A wid Chas	R.L. Polk Co., Inc.	

1178 BELMONT

Year	Uses	Source	
1930	Vacant	R.L. Polk Co., Inc.	Image pg. A123
1924	Hannaford Robt E mech	R.L. Polk Co., Inc.	
	Mc Myles B Grace driver	R.L. Polk Co., Inc.	

1187 BELMONT

Year	Uses	Source	
1924	Hannaford Jno mech	R.L. Polk Co., Inc.	

1197 BELMONT

Year	Uses	Source	
1930	Jones Ivah W Mrs gro	R.L. Polk Co., Inc.	Image pg. A123

1199 BELMONT

Year	Uses	Source	
1930	Vacant	R.L. Polk Co., Inc.	Image pg. A123

1200 BELMONT

Year	Uses	Source	
1930	Vacant	R.L. Polk Co., Inc.	Image pg. A123

1207 BELMONT

Year	Uses	Source	
1930	Vacant	R.L. Polk Co., Inc.	Image pg. A123
1924	WARREN Fred C Helen photgr	R.L. Polk Co., Inc.	

FINDINGS

1208 BELMONT

Year	Uses	Source	
1930	Alderson Edith	R.L. Polk Co., Inc.	Image pg. A123
1924	Alderson Edith R tchr Glencoe Sch	R.L. Polk Co., Inc.	
	Alderson Mary C wid Rev Chris	R.L. Polk Co., Inc.	

1210 BELMONT

Year	Uses	Source	
1930	Cherrington Eddy HO	R.L. Polk Co., Inc.	Image pg. A123
1924	Ast Mary E wid Chas	R.L. Polk Co., Inc.	
	Klodt Loretta K slsn Shanahans	R.L. Polk Co., Inc.	

1212 BELMONT

Year	Uses	Source	
1930	Shaw Hulda	R.L. Polk Co., Inc.	Image pg. A123
1924	OW Jos H Louise miech	R.L. Polk Co., Inc.	
	Errett Hallie Thea	R.L. Polk Co., Inc.	
	JACOBSON Leo H mining dept M WCo	R.L. Polk Co., Inc.	

1216 BELMONT

Year	Uses	Source	
1930	Vacant	R.L. Polk Co., Inc.	Image pg. A123
1924	Cooke Alf C Valeska	R.L. Polk Co., Inc.	
	Cooke Alf E stdt	R.L. Polk Co., Inc.	

1222 BELMONT

Year	Uses	Source	
1930	Miller Fred D	R.L. Polk Co., Inc.	Image pg. A123
1924	Bruce Dorothy stdt	R.L. Polk Co., Inc.	
	MILLER Fred D Elva R v pres gen mgr Bollam & Co	R.L. Polk Co., Inc.	
	Irwin R elk SOCo	R.L. Polk Co., Inc.	

1224 BELMONT

Year	Uses	Source	
1930	Jepsen Josephine	R.L. Polk Co., Inc.	Image pg. A123
1924	Jepsen Viola M bkpr Port Door&WCo	R.L. Polk Co., Inc.	
	Jepsen Rudolph F clk	R.L. Polk Co., Inc.	
	Jepsen Nels C lab	R.L. Polk Co., Inc.	
	Jepsen Lloyd T Geneva glazier	R.L. Polk Co., Inc.	
	Jepsen Josephine M	R.L. Polk Co., Inc.	

FINDINGS

Year	Uses	Source	
1924	Jepsen Jno M lab	R.L. Polk Co., Inc.	
	Jepsen Alex M lab	R.L. Polk Co., Inc.	

1226 BELMONT

Year	Uses	Source	
1930	Canzler Paul	R.L. Polk Co., Inc.	Image pg. A123

1239 BELMONT

Year	Uses	Source	
1930	Kennedy Wade M	R.L. Polk Co., Inc.	Image pg. A123
1924	HAMMER Jesse L Dorothy dept mgr M&FCo	R.L. Polk Co., Inc.	
	Kennedy Emmett C clk M&FCo	R.L. Polk Co., Inc.	
	KENNEDY Richd Blanche slsn	R.L. Polk Co., Inc.	
	KENNEDY Wade M Blanche	R.L. Polk Co., Inc.	

1244 BELMONT

Year	Uses	Source	
1930	Lursen Henry L	R.L. Polk Co., Inc.	Image pg. A123
1924	Lursen Gladys N tchr	R.L. Polk Co., Inc.	
	Lursen Edw A supt H WCo	R.L. Polk Co., Inc.	
	Lursen Louis F frmn Keystone Press	R.L. Polk Co., Inc.	

1249 BELMONT

Year	Uses	Source	
1930	Tribou Orsena N	R.L. Polk Co., Inc.	Image pg. A123
1924	Tribou Orsena N Mary shoe repr	R.L. Polk Co., Inc.	

1251 BELMONT

Year	Uses	Source	
1930	Larrys Garage	R.L. Polk Co., Inc.	Image pg. A123
1924	Shaver Hulda Mrs	R.L. Polk Co., Inc.	

1252 BELMONT

Year	Uses	Source	
1930	Trigstad Truman W	R.L. Polk Co., Inc.	Image pg. A123
1924	Mallon Emma Mrs nurse	R.L. Polk Co., Inc.	
	Mallon Jas Emma eng	R.L. Polk Co., Inc.	

FINDINGS

1255 BELMONT

Year	Uses	Source	
1930	Clifford Wm H gro	R.L. Polk Co., Inc.	Image pg. A123

1257 BELMONT

Year	Uses	Source	
1930	Davis & Kelley whse	R.L. Polk Co., Inc.	Image pg. A123

1258 BELMONT

Year	Uses	Source	
1930	Greiners Garage	R.L. Polk Co., Inc.	Image pg. A123
1924	Greiner Jos J Eliz M garage	R.L. Polk Co., Inc.	

1259 BELMONT

Year	Uses	Source	
1930	Kelly C J Co Inc	R.L. Polk Co., Inc.	Image pg. A123
	plmbrs	R.L. Polk Co., Inc.	Image pg. A123
	Stanfield Wm A	R.L. Polk Co., Inc.	Image pg. A123
1924	PETERSON 1 elen F	R.L. Polk Co., Inc.	
	EAST Wm T Millie spec agt OWR&N	R.L. Polk Co., Inc.	

1260 BELMONT

Year	Uses	Source	
1930	& Dyers	R.L. Polk Co., Inc.	Image pg. A123
	Laurelhurst Cleaners	R.L. Polk Co., Inc.	Image pg. A123

1263 BELMONT

Year	Uses	Source	
1930	Bell Henrietta	R.L. Polk Co., Inc.	Image pg. A123
	Weav er Minnie E	R.L. Polk Co., Inc.	Image pg. A123
	Vander Hook John F	R.L. Polk Co., Inc.	Image pg. A123
	BE 3 MONT FROM Contd	R.L. Polk Co., Inc.	Image pg. A124
	Heinrlch Wm	R.L. Polk Co., Inc.	Image pg. A124
	Vacant	R.L. Polk Co., Inc.	Image pg. A124
	Barr Clarence C	R.L. Polk Co., Inc.	Image pg. A124
	Street continued	R.L. Polk Co., Inc.	Image pg. A124
	Lanning Apartments	R.L. Polk Co., Inc.	Image pg. A123
	Newson Percy	R.L. Polk Co., Inc.	Image pg. A123
	Peterson Fred J	R.L. Polk Co., Inc.	Image pg. A123
	Vacant	R.L. Polk Co., Inc.	Image pg. A123
	Pobochenko Jack J	R.L. Polk Co., Inc.	Image pg. A123

FINDINGS

Year	Uses	Source	
1930	Ledder Thos	R.L. Polk Co., Inc.	Image pg. A123
	Blake Lester L	R.L. Polk Co., Inc.	Image pg. A123
	Ingram Alma P	R.L. Polk Co., Inc.	Image pg. A123
	Saxon Theo F	R.L. Polk Co., Inc.	Image pg. A123
	Vacant	R.L. Polk Co., Inc.	Image pg. A123
	Vacant	R.L. Polk Co., Inc.	Image pg. A123
	Houlliton Arch A	R.L. Polk Co., Inc.	Image pg. A123

1265 BELMONT

Year	Uses	Source	
1930	Vacant	R.L. Polk Co., Inc.	Image pg. A124

1275 BELMONT

Year	Uses	Source	
1930	Blackman Howard H	R.L. Polk Co., Inc.	Image pg. A124
	Walther Esther P Mrs	R.L. Polk Co., Inc.	Image pg. A124
	Pearson L B	R.L. Polk Co., Inc.	Image pg. A124
	Breman Jas E	R.L. Polk Co., Inc.	Image pg. A124
	Watkins Geo V	R.L. Polk Co., Inc.	Image pg. A124
	Dorsey Robt E	R.L. Polk Co., Inc.	Image pg. A124
	Adams Apartments	R.L. Polk Co., Inc.	Image pg. A124
	Street continued	R.L. Polk Co., Inc.	Image pg. A124
	Zumwalt J Mrs	R.L. Polk Co., Inc.	Image pg. A124
	Romans Gertrude Mrs	R.L. Polk Co., Inc.	Image pg. A124
	Hayworth Sami A	R.L. Polk Co., Inc.	Image pg. A124
	Vacant	R.L. Polk Co., Inc.	Image pg. A124
	Pilger Bernard R	R.L. Polk Co., Inc.	Image pg. A124
	Ohs Eda	R.L. Polk Co., Inc.	Image pg. A124
	Stone Eliz K Mrs	R.L. Polk Co., Inc.	Image pg. A124
	Mclnerney Jack L	R.L. Polk Co., Inc.	Image pg. A124
	Bartell Martha	R.L. Polk Co., Inc.	Image pg. A124
	Breeding Sami	R.L. Polk Co., Inc.	Image pg. A124
1924	GILBERT Thos H Leona B decorator	R.L. Polk Co., Inc.	

1277 BELMONT

Year	Uses	Source	
1930	Jett Mary F Mrs	R.L. Polk Co., Inc.	Image pg. A124
1924	Jett Clyde C	R.L. Polk Co., Inc.	
	JETT Mary F wid Beni	R.L. Polk Co., Inc.	

Year	Uses	Source	
1924	JETT Wm B elec	R.L. Polk Co., Inc.	

1278 BELMONT

Year	Uses	Source	
1930	Mc Kay L Boyd gro	R.L. Polk Co., Inc.	Image pg. A124
	Cox Ida M Mrs	R.L. Polk Co., Inc.	Image pg. A124
1924	Jos E Ida M lab	R.L. Polk Co., Inc.	
	Ida M Mrs nurse	R.L. Polk Co., Inc.	
	Jos L linemn	R.L. Polk Co., Inc.	
	Mc L Boyd Edna grocer	R.L. Polk Co., Inc.	

1279 BELMONT

Year	Uses	Source	
1930	Van Order Jacob W	R.L. Polk Co., Inc.	Image pg. A124
1924	Blied Jno R Jane pntr	R.L. Polk Co., Inc.	

1281 BELMONT

Year	Uses	Source	
1930	Greiner Jos J	R.L. Polk Co., Inc.	Image pg. A124
1924	Beauchamip Albt F Mary carp	R.L. Polk Co., Inc.	

1282 BELMONT

Year	Uses	Source	
1930	Bradford Geo A	R.L. Polk Co., Inc.	Image pg. A124
1924	Gerling Theo D Cora P pntr	R.L. Polk Co., Inc.	
	Preston Nancy M	R.L. Polk Co., Inc.	
	Gerling Cora P Mrs clk Bjorklund&Co	R.L. Polk Co., Inc.	

1286 BELMONT

Year	Uses	Source	
1930	Melby Henry	R.L. Polk Co., Inc.	Image pg. A124
1924	Melbv Henry Lucerna E frmn Amnerican Lndy	R.L. Polk Co., Inc.	

1292 BELMONT

Year	Uses	Source	
1930	Wright Wm Z A	R.L. Polk Co., Inc.	Image pg. A124
1924	WARIGHT Wrn Z A Fanny elk	R.L. Polk Co., Inc.	
	WRIGHT Wm A Fannie elk East Port Frt Term	R.L. Polk Co., Inc.	
	WRIGHT Minnie E elk	R.L. Polk Co., Inc.	

FINDINGS

1293 BELMONT

Year	Uses	Source	
1930	Murphy C C gro	R.L. Polk Co., Inc.	Image pg. A124
	Vacant	R.L. Polk Co., Inc.	Image pg. A124
	Beuchamp Victor	R.L. Polk Co., Inc.	Image pg. A124
	Gavin Harry	R.L. Polk Co., Inc.	Image pg. A124
	Padrick Wm D	R.L. Polk Co., Inc.	Image pg. A124
	Vacant	R.L. Polk Co., Inc.	Image pg. A124
	Street continued	R.L. Polk Co., Inc.	Image pg. A124
	Bowen Richmond E	R.L. Polk Co., Inc.	Image pg. A124
	Mc Cauley John M	R.L. Polk Co., Inc.	Image pg. A124
	k Sunlght Apartments	R.L. Polk Co., Inc.	Image pg. A124
1924	Sunlight Apartments J L Myers	R.L. Polk Co., Inc.	

1294 BELMONT

Year	Uses	Source	
1930	Sturtevant Elmer	R.L. Polk Co., Inc.	Image pg. A124
	Drew John F phys	R.L. Polk Co., Inc.	Image pg. A124
	j Wilson F M dentist	R.L. Polk Co., Inc.	Image pg. A124
	Glencoe Barber Shop	R.L. Polk Co., Inc.	Image pg. A124
1924	Sturtevant Elmer barberc	R.L. Polk Co., Inc.	
	WILSON Frank M Helen L dentist	R.L. Polk Co., Inc.	

1295 BELMONT

Year	Uses	Source	
1924	Babcock Jno R Josie M grocer	R.L. Polk Co., Inc.	

1296 BELMONT

Year	Uses	Source	
1930	Kell Drug Co	R.L. Polk Co., Inc.	Image pg. A124
1924	Kell Drug Co W J Kell	R.L. Polk Co., Inc.	

1300 BELMONT

Year	Uses	Source	
1930	Vacant	R.L. Polk Co., Inc.	Image pg. A124
1924	Shield Bertram Fannie Oregon Fluff Rug Co	R.L. Polk Co., Inc.	
	OREGON Fluff Rug Co B Shield	R.L. Polk Co., Inc.	
	Shield Margt stng Lewis Bean Co	R.L. Polk Co., Inc.	

FINDINGS

1305 BELMONT

Year	Uses	Source	
1930	Belmont Fuel Co	R.L. Polk Co., Inc.	Image pg. A124
1924	PORTLAND Fuel Co David Speier Harry Mayer	R.L. Polk Co., Inc.	
	Mayer Harry Portland Fuel Co	R.L. Polk Co., Inc.	

1307 BELMONT

Year	Uses	Source	
1930	Helgemon I 0 restr	R.L. Polk Co., Inc.	Image pg. A124
1924	Helgemo Lena conf	R.L. Polk Co., Inc.	

1309 BELMONT

Year	Uses	Source	
1930	Shield Bertram	R.L. Polk Co., Inc.	Image pg. A124
	Oregon Fluff Rug Co	R.L. Polk Co., Inc.	Image pg. A124

1310 BELMONT

Year	Uses	Source	
1930	Vacant	R.L. Polk Co., Inc.	Image pg. A124
1924	Henley Merl D Mabel driver	R.L. Polk Co., Inc.	

1311 BELMONT

Year	Uses	Source	
1930	Vacant	R.L. Polk Co., Inc.	Image pg. A124
1924	Guiss Saml I Jr Martha dry gds	R.L. Polk Co., Inc.	

1314 BELMONT

Year	Uses	Source	
1930	Vacant	R.L. Polk Co., Inc.	Image pg. A124
1924	VAIL Harry M Hattie meats	R.L. Polk Co., Inc.	

1315 BELMONT

Year	Uses	Source	
1930	Hoisington Wm G gro	R.L. Polk Co., Inc.	Image pg. A124
	Shaw Harold G meats	R.L. Polk Co., Inc.	Image pg. A124
1924	NORM Fred H Christena K grocers	R.L. Polk Co., Inc.	

1316 BELMONT

Year	Uses	Source	
1930	stitching	R.L. Polk Co., Inc.	Image pg. A124
	Embody Martha Mrs	R.L. Polk Co., Inc.	Image pg. A124

FINDINGS

Year	Uses	Source	
1930	Glencoe Beauty Shop	R.L. Polk Co., Inc.	Image pg. A124
	Siegfried Marie hem	R.L. Polk Co., Inc.	Image pg. A124
1924	BERRY Myrtle Mrs nurse	R.L. Polk Co., Inc.	

1318 BELMONT

Year	Uses	Source	
1930	Gray Alex K	R.L. Polk Co., Inc.	Image pg. A124

1320 BELMONT

Year	Uses	Source	
1930	Moody Andrew D	R.L. Polk Co., Inc.	Image pg. A124
	house mover	R.L. Polk Co., Inc.	Image pg. A124

1326 BELMONT

Year	Uses	Source	
1930	j Cromer Rose Mrs	R.L. Polk Co., Inc.	Image pg. A124
	Roberts Martin L	R.L. Polk Co., Inc.	Image pg. A124
1924	Frenzel Henry Mary	R.L. Polk Co., Inc.	
	Frenzel Nathaniel	R.L. Polk Co., Inc.	
	Le Gat Ralph J Ida driver	R.L. Polk Co., Inc.	

1327 BELMONT

Year	Uses	Source	
1924	Zid Frank shoeriepr	R.L. Polk Co., Inc.	

1330 BELMONT

Year	Uses	Source	
1924	Upham Claude R Lillian notions	R.L. Polk Co., Inc.	

1332 BELMONT

Year	Uses	Source	
1930	Alexander Julius H	R.L. Polk Co., Inc.	Image pg. A124
	Wilson Floyd E	R.L. Polk Co., Inc.	Image pg. A124
1924	ALEXANDER Julius H Esther	R.L. Polk Co., Inc.	
	ALEXANDER Myrtle L clk OWR&N	R.L. Polk Co., Inc.	

1335 BELMONT

Year	Uses	Source	
1930	Vacant	R.L. Polk Co., Inc.	Image pg. A124

FINDINGS

1336 BELMONT

Year	Uses	Source	
1930	Funnell W M barber	R.L. Polk Co., Inc.	Image pg. A124
	j Dana Philip R	R.L. Polk Co., Inc.	Image pg. A124
1924	Curran Nellie stng	R.L. Polk Co., Inc.	
	Curran Wm barber	R.L. Polk Co., Inc.	
	Curran Mamie J MIrs grocer	R.L. Polk Co., Inc.	

1337 BELMONT

Year	Uses	Source	
1930	Rohde M F shoe repr	R.L. Polk Co., Inc.	Image pg. A124

1338 BELMONT

Year	Uses	Source	
1930	Storns Richd L	R.L. Polk Co., Inc.	Image pg. A124

1339 BELMONT

Year	Uses	Source	
1930	Vacant	R.L. Polk Co., Inc.	Image pg. A124
1924	Pool Chas R Cornelia M meats	R.L. Polk Co., Inc.	

1341 BELMONT

Year	Uses	Source	
1930	Vacant	R.L. Polk Co., Inc.	Image pg. A124
1924	OLSON R Edw Electa baker	R.L. Polk Co., Inc.	

1342 BELMONT

Year	Uses	Source	
1930	Wiese F John	R.L. Polk Co., Inc.	Image pg. A124
	Riopelle Mathias C	R.L. Polk Co., Inc.	Image pg. A124
1924	Weise F Jno Mary lab	R.L. Polk Co., Inc.	
	Wykoff Beulah uphlstr	R.L. Polk Co., Inc.	
	Wykoff Lillian wid A H	R.L. Polk Co., Inc.	
	TAYLOR Wm E Dorothy lab	R.L. Polk Co., Inc.	

1343 BELMONT

Year	Uses	Source	
1930	Vacant	R.L. Polk Co., Inc.	Image pg. A124
1924	Parks	R.L. Polk Co., Inc.	

FINDINGS

BELMONT SE

904 BELMONT SE

Year	Uses	Source	
1960	Millers Launderetto A 1 E r	R. L. Polk Co. Publishers	Image pg. A74
1955	Millers Launderette	R. L. Polk Co. Publishers	Image pg. A85
1950	AMil lers Launderette	R. L. Polk Co. Publisher	Image pg. A94

915 BELMONT SE

Year	Uses	Source	
1950	Vacant	R. L. Polk Co. Publisher	Image pg. A94
1940	Vacant	R.L. Polk Co., Inc.	Image pg. A105

926 BELMONT SE

Year	Uses	Source	
1955	Safeway Stores Inc	R. L. Polk Co. Publishers	Image pg. A85

930 BELMONT SE

Year	Uses	Source	
1960	Steves Tructk & Assto Service	R. L. Polk Co. Publishers	Image pg. A74
	Caruso Produce Exp trucking	R. L. Polk Co. Publishers	Image pg. A74
	reprs	R. L. Polk Co. Publishers	Image pg. A74

933 BELMONT SE

Year	Uses	Source	
1960	Caraos Prod whol	R. L. Polk Co. Publishers	Image pg. A74

935 BELMONT SE

Year	Uses	Source	
1955	Caruso Prod whol	R. L. Polk Co. Publishers	Image pg. A85
1950	ACaruso Prod Co whol	R. L. Polk Co. Publisher	Image pg. A94

936 BELMONT SE

Year	Uses	Source	
1955	Comellas Truckn Auto Serv	R. L. Polk Co. Publishers	Image pg. A85
1950	Serv gas sta	R. L. Polk Co. Publisher	Image pg. A94
	ARustys Truck N Auto	R. L. Polk Co. Publisher	Image pg. A94
1940	Weldy Quentin B gas sta	R.L. Polk Co., Inc.	Image pg. A105

1004 BELMONT SE

Year	Uses	Source	
1960	Strniige Gan T	R. L. Polk Co. Publishers	Image pg. A74

FINDINGS

Year	Uses	Source	
1960	Tudor I A & Assoes Inc mssfr	R. L. Polk Co. Publishers	Image pg. A74
1955	Klaus Chas E Co mfrs agt	R. L. Polk Co. Publishers	Image pg. A85
1950	AKlaus C E rfrs agt	R. L. Polk Co. Publisher	Image pg. A94
1940	Italian Market Grocery	R.L. Polk Co., Inc.	Image pg. A104
	Co gro and billiards	R.L. Polk Co., Inc.	Image pg. A104

1008 BELMONT SE

Year	Uses	Source	
1960	Hill Vannia E	R. L. Polk Co. Publishers	Image pg. A74

1010 BELMONT SE

Year	Uses	Source	
1960	Monte Carlo Pool Room	R. L. Polk Co. Publishers	Image pg. A74
1955	Monte Carlo Pool Room	R. L. Polk Co. Publishers	Image pg. A85
1950	Mtonte Carlo Billiards	R. L. Polk Co. Publisher	Image pg. A94

1011 BELMONT SE

Year	Uses	Source	
1960	Woodl Vora	R. L. Polk Co. Publishers	Image pg. A74
	Taylor Milka	R. L. Polk Co. Publishers	Image pg. A74
	Brooktlcotsfl Wit	R. L. Polk Co. Publishers	Image pg. A74
	Williams Hal	R. L. Polk Co. Publishers	Image pg. A74
	MIllard Juno	R. L. Polk Co. Publishers	Image pg. A74
	Nolson David	R. L. Polk Co. Publishers	Image pg. A74
	Pambrook Apartments	R. L. Polk Co. Publishers	Image pg. A74
	Freeborg Bolls Mrs	R. L. Polk Co. Publishers	Image pg. A74
	Plank Maurice	R. L. Polk Co. Publishers	Image pg. A74
	IOlt Sliruchliire Clitas	R. L. Polk Co. Publishers	Image pg. A74
	Shropsiiro Altro	R. L. Polk Co. Publishers	Image pg. A74
	Amat IFrailk	R. L. Polk Co. Publishers	Image pg. A74
	Lukeomillr Jolan	R. L. Polk Co. Publishers	Image pg. A74
	Morlsroht Jutit	R. L. Polk Co. Publishers	Image pg. A74
	Ponshlk WDilhln J	R. L. Polk Co. Publishers	Image pg. A74
	Chcsscy Albert W	R. L. Polk Co. Publishers	Image pg. A74
	Roberta Frank W	R. L. Polk Co. Publishers	Image pg. A74

1016 BELMONT SE

Year	Uses	Source	
1960	Monte Carlo Restr	R. L. Polk Co. Publishers	Image pg. A74
1955	Monte Carlo Restr	R. L. Polk Co. Publishers	Image pg. A85

FINDINGS

Year	Uses	Source	
1950	AMonte Carlo Restr	R. L. Polk Co. Publisher	Image pg. A94
1940	Monte Carlo Restaurant	R.L. Polk Co., Inc.	Image pg. A104

1018 BELMONT SE

Year	Uses	Source	
1960	sardteners & Ranchers Associa	R. L. Polk Co. Publishers	Image pg. A74
	Collins Kenneth B	R. L. Polk Co. Publishers	Image pg. A74
1955	Gardeners & Ranchers Assn Building	R. L. Polk Co. Publishers	Image pg. A85
1950	ASpada Leo	R. L. Polk Co. Publisher	Image pg. A94
	Gardeners & Ranchers	R. L. Polk Co. Publisher	Image pg. A94
1940	Garbarino Win L	R.L. Polk Co., Inc.	Image pg. A104
	Gardeners & Ranchers	R.L. Polk Co., Inc.	Image pg. A104

1020 BELMONT SE

Year	Uses	Source	
1960	Bonn Patricia E Mrs	R. L. Polk Co. Publishers	Image pg. A74
1940	Bigelow Blen A	R.L. Polk Co., Inc.	Image pg. A104

1024 BELMONT SE

Year	Uses	Source	
1960	loungo	R. L. Polk Co. Publishers	Image pg. A74
	Monte Carlo Losinge cocktail	R. L. Polk Co. Publishers	Image pg. A74
1955	Monte Carlo Lounge	R. L. Polk Co. Publishers	Image pg. A85
1950	Tnited Salad Co	R. L. Polk Co. Publisher	Image pg. A94
1940	Cole Arth Co janitors supps	R.L. Polk Co., Inc.	Image pg. A104
	Ito Albert whol prod	R.L. Polk Co., Inc.	Image pg. A104
	A B Pfroduce Co Inc whol	R.L. Polk Co., Inc.	Image pg. A104

1030 BELMONT SE

Year	Uses	Source	
1960	Lido Restr	R. L. Polk Co. Publishers	Image pg. A74
1955	Lido Restr	R. L. Polk Co. Publishers	Image pg. A85
1950	ALida Restr	R. L. Polk Co. Publisher	Image pg. A94
1940	Lido Restaurant	R.L. Polk Co., Inc.	Image pg. A104

1036 BELMONT SE

Year	Uses	Source	
1955	Lido Restr	R. L. Polk Co. Publishers	Image pg. A85
1940	Apex Products & Supply Co	R.L. Polk Co., Inc.	Image pg. A104
	whol drug sundries	R.L. Polk Co., Inc.	Image pg. A104

FINDINGS

1135 BELMONT SE

Year	Uses	Source	
1955	Carlson Harry E	R. L. Polk Co. Publishers	Image pg. A85
1950	Wriay S J	R. L. Polk Co. Publisher	Image pg. A94
1940	Easley Johln E real est	R.L. Polk Co., Inc.	Image pg. A104
	Ilrich Wni A	R.L. Polk Co., Inc.	Image pg. A104

1200 BELMONT SE

Year	Uses	Source	
1960	Noi Way Asuto Lnisury	R. L. Polk Co. Publishers	Image pg. A74

1206 BELMONT SE

Year	Uses	Source	
1955	Nu Way Auto Lndry	R. L. Polk Co. Publishers	Image pg. A85
1950	ANu Way Auto Lndy	R. L. Polk Co. Publisher	Image pg. A94
1940	Nu Way Auto Laundry	R.L. Polk Co., Inc.	Image pg. A104

1210 BELMONT SE

Year	Uses	Source	
1960	Eaton Lester B	R. L. Polk Co. Publishers	Image pg. A74

1216 BELMONT SE

Year	Uses	Source	
1955	Eaton Lester B	R. L. Polk Co. Publishers	Image pg. A85
1950	AEaton L B chiropodist	R. L. Polk Co. Publisher	Image pg. A94
1940	Wrighlt Mae E Mrs	R.L. Polk Co., Inc.	Image pg. A104

1223 BELMONT SE

Year	Uses	Source	
1955	Hope Walter L	R. L. Polk Co. Publishers	Image pg. A85
1950	ARobertson J A	R. L. Polk Co. Publisher	Image pg. A94
1940	Robertson John A	R.L. Polk Co., Inc.	Image pg. A104
	Mc Larty Kennetli	R.L. Polk Co., Inc.	Image pg. A104

1224 BELMONT SE

Year	Uses	Source	
1960	Roberts Apartments	R. L. Polk Co. Publishers	Image pg. A74
	lb 8nt l Stise Losio	R. L. Polk Co. Publishers	Image pg. A74
	Poller Carrie Mrs	R. L. Polk Co. Publishers	Image pg. A74
	Schuckbiter Florence Mrs	R. L. Polk Co. Publishers	Image pg. A74
	Young Frances Mrs	R. L. Polk Co. Publishers	Image pg. A74

FINDINGS

Year	Uses	Source	
1960	Vacant	R. L. Polk Co. Publishers	Image pg. A74
	Fell Icws Julia B Mrs	R. L. Polk Co. Publishers	Image pg. A74
	Lar on Andrew	R. L. Polk Co. Publishers	Image pg. A74
	Arnmott Arlung	R. L. Polk Co. Publishers	Image pg. A74
	Groisslalil Marie Mrs	R. L. Polk Co. Publishers	Image pg. A74
	Oelrtcli Otto	R. L. Polk Co. Publishers	Image pg. A74
	Long Evel Ysa	R. L. Polk Co. Publishers	Image pg. A74
	Blxler Jack	R. L. Polk Co. Publishers	Image pg. A74
1955	Apartments	R. L. Polk Co. Publishers	Image pg. A85
	Roberts Della Mrs mgr	R. L. Polk Co. Publishers	Image pg. A85
	Polier Carrie Mrs	R. L. Polk Co. Publishers	Image pg. A85
	Erickson Betty Mrs	R. L. Polk Co. Publishers	Image pg. A85
	Young Frances Mrs	R. L. Polk Co. Publishers	Image pg. A85
	Griffin Eddie G	R. L. Polk Co. Publishers	Image pg. A85
	Henson Arth	R. L. Polk Co. Publishers	Image pg. A85
	Gano Delbert	R. L. Polk Co. Publishers	Image pg. A85
	Schucklebier Florence Mrs	R. L. Polk Co. Publishers	Image pg. A85
	King Minnie Mrs	R. L. Polk Co. Publishers	Image pg. A85
	Stewart Kate Mrs	R. L. Polk Co. Publishers	Image pg. A85
	Lyons Ernest E	R. L. Polk Co. Publishers	Image pg. A85
	Utley Elvis Mrs	R. L. Polk Co. Publishers	Image pg. A85
1950	ARoberts Della Mrs	R. L. Polk Co. Publisher	Image pg. A94
1940	Herndon Robt	R.L. Polk Co., Inc.	Image pg. A104
	Kenton Artli	R.L. Polk Co., Inc.	Image pg. A104
	Magnuson Bertlia J Mrs	R.L. Polk Co., Inc.	Image pg. A104
	Manley Reginald	R.L. Polk Co., Inc.	Image pg. A104
	Roberts Ben F	R.L. Polk Co., Inc.	Image pg. A104
	Robertson Carl	R.L. Polk Co., Inc.	Image pg. A104
	Whitney Spencer	R.L. Polk Co., Inc.	Image pg. A104
	Apartments	R.L. Polk Co., Inc.	Image pg. A104

1232 BELMONT SE

Year	Uses	Source	
1960	Wilshire Todd	R. L. Polk Co. Publishers	Image pg. A74
1955	Brehmer Gustav P	R. L. Polk Co. Publishers	Image pg. A85
1950	A 01iver E M	R. L. Polk Co. Publisher	Image pg. A94
1940	Sharon Anna 1 Mrs	R.L. Polk Co., Inc.	Image pg. A104

FINDINGS

1305 BELMONT SE

Year	Uses	Source	
1960	Miller Melvon C	R. L. Polk Co. Publishers	Image pg. A74
1955	Reliable Armored Car Service	R. L. Polk Co. Publishers	Image pg. A85
	Miller Melvin C	R. L. Polk Co. Publishers	Image pg. A85
1950	AHitsman C A	R. L. Polk Co. Publisher	Image pg. A94
1940	Viereck Fred	R.L. Polk Co., Inc.	Image pg. A104

1313 BELMONT SE

Year	Uses	Source	
1960	Jasses Travis Mrs	R. L. Polk Co. Publishers	Image pg. A74
	Plass Dorothy Mrs	R. L. Polk Co. Publishers	Image pg. A74
1955	Apartments	R. L. Polk Co. Publishers	Image pg. A85
	Ballestrem Howard L	R. L. Polk Co. Publishers	Image pg. A85
	Thorne Leonard	R. L. Polk Co. Publishers	Image pg. A85
1950	AResc T J contr	R. L. Polk Co. Publisher	Image pg. A94
1940	Mebus Jolin	R.L. Polk Co., Inc.	Image pg. A104

1316 BELMONT SE

Year	Uses	Source	
1960	Richter Edwina M	R. L. Polk Co. Publishers	Image pg. A74
1955	Richter Mary	R. L. Polk Co. Publishers	Image pg. A85
1950	ARiohter Anna Mrs	R. L. Polk Co. Publisher	Image pg. A94
1940	Lange Geo W	R.L. Polk Co., Inc.	Image pg. A104

1317 BELMONT SE

Year	Uses	Source	
1960	Straw Albert	R. L. Polk Co. Publishers	Image pg. A74
	Apartments	R. L. Polk Co. Publishers	Image pg. A74
	James Jewel Mrs	R. L. Polk Co. Publishers	Image pg. A74
	Tigard Robt	R. L. Polk Co. Publishers	Image pg. A74
	Landors Joess C	R. L. Polk Co. Publishers	Image pg. A74
	Warren Class H	R. L. Polk Co. Publishers	Image pg. A74
1955	Cook Ralph	R. L. Polk Co. Publishers	Image pg. A85
	Johnson Betty J	R. L. Polk Co. Publishers	Image pg. A85
	Apartments	R. L. Polk Co. Publishers	Image pg. A85
	Duchaine Judith E	R. L. Polk Co. Publishers	Image pg. A85
	Vacant	R. L. Polk Co. Publishers	Image pg. A85
1950	Lacy Clarence	R. L. Polk Co. Publisher	Image pg. A94
1940	Fletcher Howard C	R.L. Polk Co., Inc.	Image pg. A104

FINDINGS

1323 BELMONT SE

Year	Uses	Source	
1960	Vacant	R. L. Polk Co. Publishers	Image pg. A74
1955	Jenners Lynn A	R. L. Polk Co. Publishers	Image pg. A85
1940	Vacant	R.L. Polk Co., Inc.	Image pg. A104

1335 BELMONT SE

Year	Uses	Source	
1960	Seheer Elmer J	R. L. Polk Co. Publishers	Image pg. A74
	Mc Coy J Leslie	R. L. Polk Co. Publishers	Image pg. A74
1955	Fey Eva M Mrs	R. L. Polk Co. Publishers	Image pg. A85
	Ireland Herbert	R. L. Polk Co. Publishers	Image pg. A85
	Jones Theo	R. L. Polk Co. Publishers	Image pg. A85
	Davis Ester Mrs	R. L. Polk Co. Publishers	Image pg. A85
	Forrest Gertrude Mrs	R. L. Polk Co. Publishers	Image pg. A85
	Apartments	R. L. Polk Co. Publishers	Image pg. A85
	Coe Frank L	R. L. Polk Co. Publishers	Image pg. A85
1950	AFey Eva M	R. L. Polk Co. Publisher	Image pg. A94
1940	Beus Elmler J	R.L. Polk Co., Inc.	Image pg. A104
	Kleeimann Nellie M Mrs	R.L. Polk Co., Inc.	Image pg. A104
	Loader Sidney A	R.L. Polk Co., Inc.	Image pg. A104
	Marqluez June G Mrs	R.L. Polk Co., Inc.	Image pg. A104

1336 BELMONT SE

Year	Uses	Source	
1960	Dedrlcki Wayne	R. L. Polk Co. Publishers	Image pg. A74
1955	Cooper Len W	R. L. Polk Co. Publishers	Image pg. A85
1950	ACooper L W	R. L. Polk Co. Publisher	Image pg. A94
1940	Setera Annie Mrs	R.L. Polk Co., Inc.	Image pg. A104

1337 BELMONT SE

Year	Uses	Source	
1960	Portland Hand Weaving Cluhb	R. L. Polk Co. Publishers	Image pg. A74
1955	Vacant	R. L. Polk Co. Publishers	Image pg. A85

BELMONT ST SE

915 BELMONT ST SE

Year	Uses	Source	
1935	Haris & Karr gas sta	R.L. Polk Co., Inc.	Image pg. A117

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920 BELMONT ST SE

Year	Uses	Source	
1935	Rhoades Chas W	R.L. Polk Co., Inc.	Image pg. A118
	Phillips Roy K	R.L. Polk Co., Inc.	Image pg. A118
	Smith Virgil	R.L. Polk Co., Inc.	Image pg. A118
	Walker Patk E	R.L. Polk Co., Inc.	Image pg. A118

936 BELMONT ST SE

Year	Uses	Source	
1935	Inc No	R.L. Polk Co., Inc.	Image pg. A119
	Imperial Service Stations	R.L. Polk Co., Inc.	Image pg. A119

1004 BELMONT ST SE

Year	Uses	Source	
1935	Italian Market Grocery Co	R.L. Polk Co., Inc.	Image pg. A117

1016 BELMONT ST SE

Year	Uses	Source	
1935	Monte Carlo Restaurant	R.L. Polk Co., Inc.	Image pg. A117

1018 BELMONT ST SE

Year	Uses	Source	
1935	Gardeners & Ranchers Assn	R.L. Polk Co., Inc.	Image pg. A117

1020 BELMONT ST SE

Year	Uses	Source	
1935	Pasadore Helen nurse	R.L. Polk Co., Inc.	Image pg. A117
	Biglow Ben A	R.L. Polk Co., Inc.	Image pg. A117

1024 BELMONT ST SE

Year	Uses	Source	
1935	Zenner Bros Seed Co	R.L. Polk Co., Inc.	Image pg. A117

1030 BELMONT ST SE

Year	Uses	Source	
1935	Lido Restaurant	R.L. Polk Co., Inc.	Image pg. A117

1036 BELMONT ST SE

Year	Uses	Source	
1935	Vacant	R.L. Polk Co., Inc.	Image pg. A117

FINDINGS

1125 BELMONT ST SE

Year	Uses	Source	
1935	Apartments	R.L. Polk Co., Inc.	Image pg. A117
	I Long Anna Mrs	R.L. Polk Co., Inc.	Image pg. A117
	Hunt Anne Mrs	R.L. Polk Co., Inc.	Image pg. A117
	Hawley Ellen Mrs	R.L. Polk Co., Inc.	Image pg. A117
	Stopplecamp Augusta MIrs	R.L. Polk Co., Inc.	Image pg. A117
	Street continued	R.L. Polk Co., Inc.	Image pg. A117

1126 BELMONT ST SE

Year	Uses	Source	
1935	Collins Cath H Mrs	R.L. Polk Co., Inc.	Image pg. A117

1135 BELMONT ST SE

Year	Uses	Source	
1935	Ryan John decorator	R.L. Polk Co., Inc.	Image pg. A117

1206 BELMONT ST SE

Year	Uses	Source	
1935	Service Station	R.L. Polk Co., Inc.	Image pg. A117
	Nu Way Auto Laundry	R.L. Polk Co., Inc.	Image pg. A117

1216 BELMONT ST SE

Year	Uses	Source	
1935	Rankin Mary J Mrs	R.L. Polk Co., Inc.	Image pg. A117

1223 BELMONT ST SE

Year	Uses	Source	
1935	Robertson John A E	R.L. Polk Co., Inc.	Image pg. A117

1224 BELMONT ST SE

Year	Uses	Source	
1935	I Gordon Mark T	R.L. Polk Co., Inc.	Image pg. A117
	Wilder P	R.L. Polk Co., Inc.	Image pg. A117
	Archie Fred	R.L. Polk Co., Inc.	Image pg. A117
	Hall Guy G	R.L. Polk Co., Inc.	Image pg. A117
	Perry Raymond W	R.L. Polk Co., Inc.	Image pg. A117
	Plaetsch Martha	R.L. Polk Co., Inc.	Image pg. A117
	Taylor Wilbur D	R.L. Polk Co., Inc.	Image pg. A117
	Duncan C D cement contr	R.L. Polk Co., Inc.	Image pg. A117
	Lively Benj F	R.L. Polk Co., Inc.	Image pg. A117

FINDINGS

Year	Uses	Source	
1935	Moore Austin R	R.L. Polk Co., Inc.	Image pg. A117
	Street continued	R.L. Polk Co., Inc.	Image pg. A117
	Apartments	R.L. Polk Co., Inc.	Image pg. A117
	B Gill Wm H	R.L. Polk Co., Inc.	Image pg. A117

1232 BELMONT ST SE

Year	Uses	Source	
1935	Sharon Anna L Mrs	R.L. Polk Co., Inc.	Image pg. A117

1305 BELMONT ST SE

Year	Uses	Source	
1935	Viereck Charlotte Mrs	R.L. Polk Co., Inc.	Image pg. A117

1313 BELMONT ST SE

Year	Uses	Source	
1935	Mebus John W	R.L. Polk Co., Inc.	Image pg. A117

1316 BELMONT ST SE

Year	Uses	Source	
1935	Vacant	R.L. Polk Co., Inc.	Image pg. A117

1317 BELMONT ST SE

Year	Uses	Source	
1935	Boyles Merlin E	R.L. Polk Co., Inc.	Image pg. A117
	Harvi Merlin	R.L. Polk Co., Inc.	Image pg. A117

1323 BELMONT ST SE

Year	Uses	Source	
1935	Ellis Seaton L	R.L. Polk Co., Inc.	Image pg. A117

1335 BELMONT ST SE

Year	Uses	Source	
1935	Sauermann Fred A	R.L. Polk Co., Inc.	Image pg. A117

1336 BELMONT ST SE

Year	Uses	Source	
1935	Setera Anna Mrs	R.L. Polk Co., Inc.	Image pg. A117

FINDINGS

MORRISON SE

924 MORRISON SE

Year	Uses	Source	
1960	Tire Sales & Sorv Inc	R. L. Polk Co. Publishers	Image pg. A64

925 MORRISON SE

Year	Uses	Source	
1955	Gearhart R E & Co accts	R. L. Polk Co. Publishers	Image pg. A77

927 MORRISON SE

Year	Uses	Source	
1955	Star Quill Italian Dinners	R. L. Polk Co. Publishers	Image pg. A77
1950	AStar Quil restr	R. L. Polk Co. Publisher	Image pg. A88

929 MORRISON SE

Year	Uses	Source	
1960	Sagebrush Room The restr	R. L. Polk Co. Publishers	Image pg. A64

932 MORRISON SE

Year	Uses	Source	
1960	Portland Indepenent Milk	R. L. Polk Co. Publishers	Image pg. A64
	Producers Assn	R. L. Polk Co. Publishers	Image pg. A64
1955	Portland Independent Milk Producers Assn	R. L. Polk Co. Publishers	Image pg. A77
1950	APortland Independent B	R. L. Polk Co. Publisher	Image pg. A88
	Grade Milk Producers	R. L. Polk Co. Publisher	Image pg. A88
1940	Carson John T fuel dlr	R.L. Polk Co., Inc.	Image pg. A97

940 MORRISON SE

Year	Uses	Source	
1960	Mtr Formula Nine Co oil	R. L. Polk Co. Publishers	Image pg. A64
	blendings	R. L. Polk Co. Publishers	Image pg. A64
1955	Newtons Chicken Pie Shop	R. L. Polk Co. Publishers	Image pg. A77
1950	ASpringbrook Dairy	R. L. Polk Co. Publisher	Image pg. A88
1940	Springbrook Dairy	R.L. Polk Co., Inc.	Image pg. A97

1001 MORRISON SE

Year	Uses	Source	
1960	Best Atito Spring Co nofrs	R. L. Polk Co. Publishers	Image pg. A64
1955	Whites Al Alignment Serv	R. L. Polk Co. Publishers	Image pg. A77
	Best Auto Spring Co mfrs	R. L. Polk Co. Publishers	Image pg. A77

FINDINGS

Year	Uses	Source	
1955	Safe Lad Mfg Co ladders	R. L. Polk Co. Publishers	Image pg. A77
1950	ABest Auto Spring Co	R. L. Polk Co. Publisher	Image pg. A88

1029 MORRISON SE

Year	Uses	Source	
1960	Albrigbt Bros Glass Co	R. L. Polk Co. Publishers	Image pg. A64
1955	Albright Bras Glass Co	R. L. Polk Co. Publishers	Image pg. A77
1950	AHoffer Glass Co	R. L. Polk Co. Publisher	Image pg. A88

1040 MORRISON SE

Year	Uses	Source	
1960	County Div of Registration	R. L. Polk Co. Publishers	Image pg. A64
	Elections	R. L. Polk Co. Publishers	Image pg. A64
1955	Indian Northwest Sales Co motorcycles	R. L. Polk Co. Publishers	Image pg. A77
1950	Co motorcycles	R. L. Polk Co. Publisher	Image pg. A88
	AIndlan Northwest Sales	R. L. Polk Co. Publisher	Image pg. A88

1105 MORRISON SE

Year	Uses	Source	
1960	Columbia Exporters Inc side	R. L. Polk Co. Publishers	Image pg. A64
	ontr	R. L. Polk Co. Publishers	Image pg. A64
1950	AColumbia Exporters Inc	R. L. Polk Co. Publisher	Image pg. A88

1115 MORRISON SE

Year	Uses	Source	
1960	M & F Finance CD Inc loans	R. L. Polk Co. Publishers	Image pg. A64
1955	Radio Drive In Serv	R. L. Polk Co. Publishers	Image pg. A77

1117 MORRISON SE

Year	Uses	Source	
1960	Mortensen A W Co boiler mfrs	R. L. Polk Co. Publishers	Image pg. A64

1135 MORRISON SE

Year	Uses	Source	
1960	Fred & Lloyds Auto Serv gas	R. L. Polk Co. Publishers	Image pg. A64
1955	Fred & Lloyds Auto Serv	R. L. Polk Co. Publishers	Image pg. A77

1200 MORRISON SE

Year	Uses	Source	
1960	Jones R F Co vending maclis	R. L. Polk Co. Publishers	Image pg. A64
1955	Jones R F Co music machs	R. L. Polk Co. Publishers	Image pg. A77

FINDINGS

1205 MORRISON SE

Year	Uses	Source	
1960	Northwest Auto Lease gas sta	R. L. Polk Co. Publishers	Image pg. A64

1216 MORRISON SE

Year	Uses	Source	
1950	Vacant	R. L. Polk Co. Publisher	Image pg. A88
1940	St Davids Parish House	R.L. Polk Co., Inc.	Image pg. A97

1225 MORRISON SE

Year	Uses	Source	
1940	Vacant	R.L. Polk Co., Inc.	Image pg. A97

1230 MORRISON SE

Year	Uses	Source	
1960	Rex Arms Apartments	R. L. Polk Co. Publishers	Image pg. A64
	A Irons Rutit J Mrs	R. L. Polk Co. Publishers	Image pg. A64
	B Cooper Rose Mrs	R. L. Polk Co. Publishers	Image pg. A64
	SA FROM Hatfield Arden	R. L. Polk Co. Publishers	Image pg. A64
	SB FROM Krioliel Julius	R. L. Polk Co. Publishers	Image pg. A64
	A Keiotta Vivian Mrs	R. L. Polk Co. Publishers	Image pg. A64
	B Magers Arl A e Mrs	R. L. Polk Co. Publishers	Image pg. A64
	A Patten Barbara	R. L. Polk Co. Publishers	Image pg. A64
	B Jaksba Christian R Mrs	R. L. Polk Co. Publishers	Image pg. A64
	Lamberson Ruth Mrs	R. L. Polk Co. Publishers	Image pg. A64
	Hatfield Darns	R. L. Polk Co. Publishers	Image pg. A64
	Pederson Marvin Mrs	R. L. Polk Co. Publishers	Image pg. A64
	Buss Erwin H	R. L. Polk Co. Publishers	Image pg. A64
	Vacant	R. L. Polk Co. Publishers	Image pg. A64
	Hintz Wm	R. L. Polk Co. Publishers	Image pg. A64
	Lockwood Myrtle A Mrs	R. L. Polk Co. Publishers	Image pg. A64
	Snyder Floyd	R. L. Polk Co. Publishers	Image pg. A64
	Vacant	R. L. Polk Co. Publishers	Image pg. A64
	Jiroch Mary	R. L. Polk Co. Publishers	Image pg. A64
	Granoholm Darrell	R. L. Polk Co. Publishers	Image pg. A64
	Ross Earl	R. L. Polk Co. Publishers	Image pg. A64
	Van Diggelen Standley	R. L. Polk Co. Publishers	Image pg. A64
	Edwards Iva K Mrs	R. L. Polk Co. Publishers	Image pg. A64
	Cason W Guy	R. L. Polk Co. Publishers	Image pg. A64
	Crum Hazel Mrs	R. L. Polk Co. Publishers	Image pg. A64

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Year	Uses	Source	
1960	Jensen Lelaedi E	R. L. Polk Co. Publishers	Image pg. A64
	Wilson Ca Lh Mrs	R. L. Polk Co. Publishers	Image pg. A64
	Barkhurst Nellie	R. L. Polk Co. Publishers	Image pg. A64
	Biasgisam Isaac	R. L. Polk Co. Publishers	Image pg. A64
	Bastian Evelyn H Mrs	R. L. Polk Co. Publishers	Image pg. A64
	Gardner Jessie Mrs	R. L. Polk Co. Publishers	Image pg. A64
	Vacant	R. L. Polk Co. Publishers	Image pg. A64
	Hemminger Meretta W Mrs	R. L. Polk Co. Publishers	Image pg. A64
	Thormley Ruff J	R. L. Polk Co. Publishers	Image pg. A64
	Down Albert	R. L. Polk Co. Publishers	Image pg. A64
	Thomeseth Henry	R. L. Polk Co. Publishers	Image pg. A64
	Jones Mina Mrs	R. L. Polk Co. Publishers	Image pg. A64
	Allen Robt E	R. L. Polk Co. Publishers	Image pg. A64
	Kiteion Grace Mrs	R. L. Polk Co. Publishers	Image pg. A64
	Ohrmund Evelyn E	R. L. Polk Co. Publishers	Image pg. A64
	Latslaw Donald	R. L. Polk Co. Publishers	Image pg. A64
	Trout Wm	R. L. Polk Co. Publishers	Image pg. A64
	Strothouse LUcy Mrs	R. L. Polk Co. Publishers	Image pg. A64
	Multen Jo Itn L	R. L. Polk Co. Publishers	Image pg. A64
	Martin Claire Mrs	R. L. Polk Co. Publishers	Image pg. A64
	Vacant	R. L. Polk Co. Publishers	Image pg. A64
	Hall Val	R. L. Polk Co. Publishers	Image pg. A64
	Read Cecile C Mrs	R. L. Polk Co. Publishers	Image pg. A64
	Cook Harvey B	R. L. Polk Co. Publishers	Image pg. A64
	Matthews Clirystal K Mrs	R. L. Polk Co. Publishers	Image pg. A64
	Fitzgerald Octavia	R. L. Polk Co. Publishers	Image pg. A64
	Vacant	R. L. Polk Co. Publishers	Image pg. A64
	Alexander Chas F	R. L. Polk Co. Publishers	Image pg. A64
	Lopez Riclid	R. L. Polk Co. Publishers	Image pg. A64
	Bohan El Iz V	R. L. Polk Co. Publishers	Image pg. A64
	Vacant	R. L. Polk Co. Publishers	Image pg. A64
	Conrad Harry M	R. L. Polk Co. Publishers	Image pg. A64
	Wells Kenneth	R. L. Polk Co. Publishers	Image pg. A64
	Vacant	R. L. Polk Co. Publishers	Image pg. A64
	Gllmore Wmn H	R. L. Polk Co. Publishers	Image pg. A64
	Nelson Anna M Mrs	R. L. Polk Co. Publishers	Image pg. A64
	Dunn Tnos	R. L. Polk Co. Publishers	Image pg. A64
1955	Roberts Emma Mrs	R. L. Polk Co. Publishers	Image pg. A77

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Year	Uses	Source	
1955	OLeary Leo J	R. L. Polk Co. Publishers	Image pg. A77
	Lindemann Ingrid J	R. L. Polk Co. Publishers	Image pg. A77
	Erwin Nancy Mrs	R. L. Polk Co. Publishers	Image pg. A77
	Smith Fred	R. L. Polk Co. Publishers	Image pg. A77
	Magers Thos A	R. L. Polk Co. Publishers	Image pg. A77
	Nelson Anna M Mrs	R. L. Polk Co. Publishers	Image pg. A77
	Allen Louis mgr	R. L. Polk Co. Publishers	Image pg. A77
	Rex Arms Apartments	R. L. Polk Co. Publishers	Image pg. A77
	Lamerton Ruth Mrs mgr	R. L. Polk Co. Publishers	Image pg. A77
	A Hugg Theresa	R. L. Polk Co. Publishers	Image pg. A77
	B No return	R. L. Polk Co. Publishers	Image pg. A77
	A Robinson Theresa E Mrs	R. L. Polk Co. Publishers	Image pg. A77
	Richardson Marie Mrs	R. L. Polk Co. Publishers	Image pg. A77
	B McPhee Eunice	R. L. Polk Co. Publishers	Image pg. A77
	A Vincent Conrad	R. L. Polk Co. Publishers	Image pg. A77
	B Stark Wm K	R. L. Polk Co. Publishers	Image pg. A77
	A Turbow Delores L	R. L. Polk Co. Publishers	Image pg. A77
	B LaRocque Rodrique	R. L. Polk Co. Publishers	Image pg. A77
	Lamerton Leonard J	R. L. Polk Co. Publishers	Image pg. A77
	Swindell Doris Mrs	R. L. Polk Co. Publishers	Image pg. A77
	Mitchell Conway V	R. L. Polk Co. Publishers	Image pg. A77
	Frahler Gertrude Mrs	R. L. Polk Co. Publishers	Image pg. A77
	Abell Eileen Mrs	R. L. Polk Co. Publishers	Image pg. A77
	Norris Thelma N Mrs	R. L. Polk Co. Publishers	Image pg. A77
	Lockwood Myrtle Mrs	R. L. Polk Co. Publishers	Image pg. A77
	Bingham Irwin G	R. L. Polk Co. Publishers	Image pg. A77
	Svaigher Meyer	R. L. Polk Co. Publishers	Image pg. A77
	Jiroch Mary	R. L. Polk Co. Publishers	Image pg. A77
	Kritchel Julius C	R. L. Polk Co. Publishers	Image pg. A77
	Johnson Adelbert J	R. L. Polk Co. Publishers	Image pg. A77
	McCollum Lydia Mrs	R. L. Polk Co. Publishers	Image pg. A77
	Alexander Chas F	R. L. Polk Co. Publishers	Image pg. A77
	Caso W Guy	R. L. Polk Co. Publishers	Image pg. A77
	Crum Hazel Mrs	R. L. Polk Co. Publishers	Image pg. A77
	Crouch Arlene M	R. L. Polk Co. Publishers	Image pg. A77
	Wilson Catherine	R. L. Polk Co. Publishers	Image pg. A77
	Barkhurst Nellie	R. L. Polk Co. Publishers	Image pg. A77
	Ross Donna	R. L. Polk Co. Publishers	Image pg. A77

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Year	Uses	Source	
1955	Bastian Evelyn	R. L. Polk Co. Publishers	Image pg. A77
	Gardener Jesse Mrs	R. L. Polk Co. Publishers	Image pg. A77
	Wheelock Willard C	R. L. Polk Co. Publishers	Image pg. A77
	Hemminger Merretta Mrs	R. L. Polk Co. Publishers	Image pg. A77
	Ott Mary Mrs	R. L. Polk Co. Publishers	Image pg. A77
	Conrad Harry	R. L. Polk Co. Publishers	Image pg. A77
	Gallinger Donald	R. L. Polk Co. Publishers	Image pg. A77
	Jones Mina Mrs	R. L. Polk Co. Publishers	Image pg. A77
	Allen Robt E	R. L. Polk Co. Publishers	Image pg. A77
	Kitchen G	R. L. Polk Co. Publishers	Image pg. A77
	Swanson Eliz Mrs	R. L. Polk Co. Publishers	Image pg. A77
	Whitrock Lloyd	R. L. Polk Co. Publishers	Image pg. A77
	Farnham Eliz S Mrs	R. L. Polk Co. Publishers	Image pg. A77
	Strathouse Lucy Mrs	R. L. Polk Co. Publishers	Image pg. A77
	Alford Clell	R. L. Polk Co. Publishers	Image pg. A77
	Martin John C	R. L. Polk Co. Publishers	Image pg. A77
	Rykken Philip L	R. L. Polk Co. Publishers	Image pg. A77
	Hatfield Arden	R. L. Polk Co. Publishers	Image pg. A77
	Bergman C	R. L. Polk Co. Publishers	Image pg. A77
	Stewart Fern L	R. L. Polk Co. Publishers	Image pg. A77
	Matthews Crystal Mrs	R. L. Polk Co. Publishers	Image pg. A77
	Holmes Emily Mrs	R. L. Polk Co. Publishers	Image pg. A77
	Truman Bertha E Mrs	R. L. Polk Co. Publishers	Image pg. A77
	Miley Edw	R. L. Polk Co. Publishers	Image pg. A77
	Barron Martha	R. L. Polk Co. Publishers	Image pg. A77
	Bohan Eliz V	R. L. Polk Co. Publishers	Image pg. A77
1950	ARex Arms Apartments	R. L. Polk Co. Publisher	Image pg. A88
	Alford C L	R. L. Polk Co. Publisher	Image pg. A88
	AAllen R E	R. L. Polk Co. Publisher	Image pg. A88
	Ballard G D	R. L. Polk Co. Publisher	Image pg. A88
	ABarkhurst Nellie L	R. L. Polk Co. Publisher	Image pg. A88
	Bergeron Rosa Mrs	R. L. Polk Co. Publisher	Image pg. A88
	Bergeron Rosena Mrs	R. L. Polk Co. Publisher	Image pg. A88
	ABergman 0 H	R. L. Polk Co. Publisher	Image pg. A88
	Cason Guy	R. L. Polk Co. Publisher	Image pg. A88
	Castellano A L	R. L. Polk Co. Publisher	Image pg. A88
	ACoffey J R	R. L. Polk Co. Publisher	Image pg. A88
	Conrad H M	R. L. Polk Co. Publisher	Image pg. A88

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Year	Uses	Source	
1950	Davis G M Mrs	R. L. Polk Co. Publisher	Image pg. A88
	Domaiko 0 G	R. L. Polk Co. Publisher	Image pg. A88
	Edwards C M	R. L. Polk Co. Publisher	Image pg. A88
	Fish W E	R. L. Polk Co. Publisher	Image pg. A88
	Franklin Gertrude	R. L. Polk Co. Publisher	Image pg. A88
	AHamburger M A Mrs	R. L. Polk Co. Publisher	Image pg. A88
	AHardman Mary A	R. L. Polk Co. Publisher	Image pg. A88
	AHill A F	R. L. Polk Co. Publisher	Image pg. A88
	Hilleary F B	R. L. Polk Co. Publisher	Image pg. A88
	AHively Mary L	R. L. Polk Co. Publisher	Image pg. A88
	Holmes E M	R. L. Polk Co. Publisher	Image pg. A88
	Ingalls J M Mrs	R. L. Polk Co. Publisher	Image pg. A88
	Jiroch Mary	R. L. Polk Co. Publisher	Image pg. A88
	Johnson D J	R. L. Polk Co. Publisher	Image pg. A88
	AJordan P L	R. L. Polk Co. Publisher	Image pg. A88
	Kirchel J C	R. L. Polk Co. Publisher	Image pg. A88
	ALamerton L J	R. L. Polk Co. Publisher	Image pg. A88
	ALindsay L M	R. L. Polk Co. Publisher	Image pg. A88
	Marshall C D	R. L. Polk Co. Publisher	Image pg. A88
	AMc Phee Eunice Mrs	R. L. Polk Co. Publisher	Image pg. A88
	Menzies F J Mrs	R. L. Polk Co. Publisher	Image pg. A88
	Michelbrook C A Mrs	R. L. Polk Co. Publisher	Image pg. A88
	AMiley E H	R. L. Polk Co. Publisher	Image pg. A88
	AMuir H G	R. L. Polk Co. Publisher	Image pg. A88
	ANelson A M Mrs	R. L. Polk Co. Publisher	Image pg. A88
	Oliver Shirley	R. L. Polk Co. Publisher	Image pg. A88
	AOtt MS Mrs	R. L. Polk Co. Publisher	Image pg. A88
	AParker Marguerite	R. L. Polk Co. Publisher	Image pg. A88
	APatitucci EB A	R. L. Polk Co. Publisher	Image pg. A88
	ARead B F	R. L. Polk Co. Publisher	Image pg. A88
	ARuoshford R V	R. L. Polk Co. Publisher	Image pg. A88
	Schradle M J	R. L. Polk Co. Publisher	Image pg. A88
	Sharp C J	R. L. Polk Co. Publisher	Image pg. A88
	Sharp L C	R. L. Polk Co. Publisher	Image pg. A88
	AStewart Fern L	R. L. Polk Co. Publisher	Image pg. A88
	Svaiger M A	R. L. Polk Co. Publisher	Image pg. A88
	Swindell D A Mrs	R. L. Polk Co. Publisher	Image pg. A88
	ATaylor A J jr	R. L. Polk Co. Publisher	Image pg. A88

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Year	Uses	Source	
1950	ATupper R E	R. L. Polk Co. Publisher	Image pg. A88
	Van Wert J L	R. L. Polk Co. Publisher	Image pg. A88
	AWalte L C Mrs	R. L. Polk Co. Publisher	Image pg. A88
	Wheelock W C	R. L. Polk Co. Publisher	Image pg. A88
	AWilson C M Mrs	R. L. Polk Co. Publisher	Image pg. A88
	a Wohlschlegel Elma E	R. L. Polk Co. Publisher	Image pg. A88
	Zimmerman Ward A	R. L. Polk Co. Publisher	Image pg. A88
1940	Olin Bernice	R.L. Polk Co., Inc.	Image pg. A97
	Oster Geo R	R.L. Polk Co., Inc.	Image pg. A97
	Peters Margt Mrs	R.L. Polk Co., Inc.	Image pg. A97
	Pierce Harold	R.L. Polk Co., Inc.	Image pg. A97
	Pollock John S	R.L. Polk Co., Inc.	Image pg. A97
	Porter Smith Edw L	R.L. Polk Co., Inc.	Image pg. A97
	Rex Arms Apartments	R.L. Polk Co., Inc.	Image pg. A97
	Allen H L	R.L. Polk Co., Inc.	Image pg. A97
	Bass Wm H	R.L. Polk Co., Inc.	Image pg. A97
	Belcastro Pete N	R.L. Polk Co., Inc.	Image pg. A97
	Bettis Ernest M	R.L. Polk Co., Inc.	Image pg. A97
	Bligh C E	R.L. Polk Co., Inc.	Image pg. A97
	Boehmer Donald	R.L. Polk Co., Inc.	Image pg. A97
	Brigham Grace	R.L. Polk Co., Inc.	Image pg. A97
	Brill John	R.L. Polk Co., Inc.	Image pg. A97
	Buslach Arth	R.L. Polk Co., Inc.	Image pg. A97
	Conrad Urscula Mrs	R.L. Polk Co., Inc.	Image pg. A97
	Cousins Thos J	R.L. Polk Co., Inc.	Image pg. A97
	Davis J F	R.L. Polk Co., Inc.	Image pg. A97
	Dawson Kath	R.L. Polk Co., Inc.	Image pg. A97
	Donohue Wm J	R.L. Polk Co., Inc.	Image pg. A97
	Epps David C	R.L. Polk Co., Inc.	Image pg. A97
	Evans Chas E	R.L. Polk Co., Inc.	Image pg. A97
	Frahler Gertrude M Mrs	R.L. Polk Co., Inc.	Image pg. A97
	France Lela Mrs	R.L. Polk Co., Inc.	Image pg. A97
	Gerlinger Willie A	R.L. Polk Co., Inc.	Image pg. A97
	Hageman Geo B	R.L. Polk Co., Inc.	Image pg. A97
	Hager Goco F	R.L. Polk Co., Inc.	Image pg. A97
	Hamreus Ina Mrs	R.L. Polk Co., Inc.	Image pg. A97
	Hawkins Walter M	R.L. Polk Co., Inc.	Image pg. A97
	Huggins Jack L	R.L. Polk Co., Inc.	Image pg. A97

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Year	Uses	Source	
1940	Humphreys Bessie	R.L. Polk Co., Inc.	Image pg. A97
	Hyland Halsted W	R.L. Polk Co., Inc.	Image pg. A97
	Ingalls Jean	R.L. Polk Co., Inc.	Image pg. A97
	Inman Ivan C	R.L. Polk Co., Inc.	Image pg. A97
	James Florence Y Mrs	R.L. Polk Co., Inc.	Image pg. A97
	Jiroch Mary	R.L. Polk Co., Inc.	Image pg. A97
	Keys Jas J	R.L. Polk Co., Inc.	Image pg. A97
	La Marr Jack	R.L. Polk Co., Inc.	Image pg. A97
	Logan Chester V	R.L. Polk Co., Inc.	Image pg. A97
	Mc Bride E	R.L. Polk Co., Inc.	Image pg. A97
	Munly Eliz Mrs	R.L. Polk Co., Inc.	Image pg. A97
	Musekle Andrew	R.L. Polk Co., Inc.	Image pg. A97
	Nachtergaele Henry A	R.L. Polk Co., Inc.	Image pg. A97
	Newton Martin A	R.L. Polk Co., Inc.	Image pg. A97
	Nordstrom Clarence	R.L. Polk Co., Inc.	Image pg. A97
	Purchase Chas H	R.L. Polk Co., Inc.	Image pg. A97
	Randall Ruth	R.L. Polk Co., Inc.	Image pg. A97
	Rice Chas E	R.L. Polk Co., Inc.	Image pg. A97
	Robbins Louise	R.L. Polk Co., Inc.	Image pg. A97
	Robinson J E	R.L. Polk Co., Inc.	Image pg. A97
	Roth Cecil	R.L. Polk Co., Inc.	Image pg. A97
	Tranchell Ernest R	R.L. Polk Co., Inc.	Image pg. A97
	Volberding Ernest R	R.L. Polk Co., Inc.	Image pg. A97
	Walters Jerome V	R.L. Polk Co., Inc.	Image pg. A97
	Way V Mrs	R.L. Polk Co., Inc.	Image pg. A97
	Wells Howard B	R.L. Polk Co., Inc.	Image pg. A97
	Wilcox Carvel L	R.L. Polk Co., Inc.	Image pg. A97
	Williams Robt M	R.L. Polk Co., Inc.	Image pg. A97
	Zielke Chris U	R.L. Polk Co., Inc.	Image pg. A97

1237 MORRISON SE

Year	Uses	Source	
1950	AGerkin A A	R. L. Polk Co. Publisher	Image pg. A88
1940	Bell Geo W	R.L. Polk Co., Inc.	Image pg. A97

1245 MORRISON SE

Year	Uses	Source	
1960	Mev Ir Hazel Mrs B	R. L. Polk Co. Publishers	Image pg. A64
1955	Morris J Clyde	R. L. Polk Co. Publishers	Image pg. A77

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Year	Uses	Source	
1950	AMorris C V	R. L. Polk Co. Publisher	Image pg. A88
1940	Vacant	R.L. Polk Co., Inc.	Image pg. A97

1247 MORRISON SE

Year	Uses	Source	
1960	Rykkeno Phillip	R. L. Polk Co. Publishers	Image pg. A64
1955	Hopkins John A	R. L. Polk Co. Publishers	Image pg. A77
1950	Morris J C	R. L. Polk Co. Publisher	Image pg. A88
1940	Lyon John H	R.L. Polk Co., Inc.	Image pg. A97

1300 MORRISON SE

Year	Uses	Source	
1960	Vias Sundries & Toiletries	R. L. Polk Co. Publishers	Image pg. A64
1955	Vics Sundries & Toiletries	R. L. Polk Co. Publishers	Image pg. A77
1950	AVics Sundries & Toilet	R. L. Polk Co. Publisher	Image pg. A88
1940	Hageys Pharmacy	R.L. Polk Co., Inc.	Image pg. A97

1301 MORRISON SE

Year	Uses	Source	
1960	Burfleld Edna C Ms	R. L. Polk Co. Publishers	Image pg. A64
1955	Herndon Orval J	R. L. Polk Co. Publishers	Image pg. A77
1950	AHerndon 0 J	R. L. Polk Co. Publisher	Image pg. A88
1940	Andrews Robt	R.L. Polk Co., Inc.	Image pg. A97

1303 MORRISON SE

Year	Uses	Source	
1960	Vacant	R. L. Polk Co. Publishers	Image pg. A64
1955	Hallberg Clarence C	R. L. Polk Co. Publishers	Image pg. A77
1950	Hallberg C C	R. L. Polk Co. Publisher	Image pg. A88
1940	Vacant	R.L. Polk Co., Inc.	Image pg. A97

1305 MORRISON SE

Year	Uses	Source	
1960	Page Roy	R. L. Polk Co. Publishers	Image pg. A64
1955	Guptill Eliz Mrs	R. L. Polk Co. Publishers	Image pg. A77
	Kirwan O Jas	R. L. Polk Co. Publishers	Image pg. A77
	Parker Fred	R. L. Polk Co. Publishers	Image pg. A77
1950	ALa Rocque Roderick	R. L. Polk Co. Publisher	Image pg. A88
1940	Nelson Eric	R.L. Polk Co., Inc.	Image pg. A97

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1307 MORRISON SE

Year	Uses	Source	
1960	Jackson Clyde A	R. L. Polk Co. Publishers	Image pg. A64
1955	Jackson Clyde A	R. L. Polk Co. Publishers	Image pg. A77
1950	AJackson C A	R. L. Polk Co. Publisher	Image pg. A88
1940	Hummel Karl	R.L. Polk Co., Inc.	Image pg. A97

1308 MORRISON SE

Year	Uses	Source	
1960	Hals Tavern	R. L. Polk Co. Publishers	Image pg. A64
1955	Hals Tavern	R. L. Polk Co. Publishers	Image pg. A77
1940	stering Co mfrs	R.L. Polk Co., Inc.	Image pg. A97
	AAA Mattress & Uphol	R.L. Polk Co., Inc.	Image pg. A97

1311 MORRISON SE

Year	Uses	Source	
1950	AWinger H K	R. L. Polk Co. Publisher	Image pg. A88

1315 MORRISON SE

Year	Uses	Source	
1960	Jackson Clyde	R. L. Polk Co. Publishers	Image pg. A64
1955	Johnson Shirley	R. L. Polk Co. Publishers	Image pg. A77
1950	ANorris Evelyn	R. L. Polk Co. Publisher	Image pg. A88
1940	Brown Lloyd	R.L. Polk Co., Inc.	Image pg. A97

1317 MORRISON SE

Year	Uses	Source	
1960	Colber Glen O E	R. L. Polk Co. Publishers	Image pg. A64
1955	Penney Jos H	R. L. Polk Co. Publishers	Image pg. A77
1950	APenney J H	R. L. Polk Co. Publisher	Image pg. A88
1940	Pennev Ida F Mrs	R.L. Polk Co., Inc.	Image pg. A97

1321 MORRISON SE

Year	Uses	Source	
1960	Wihisoael Forrest N	R. L. Polk Co. Publishers	Image pg. A64
1955	Whisman Forrest N	R. L. Polk Co. Publishers	Image pg. A77
1950	AWhisman L G Mrs	R. L. Polk Co. Publisher	Image pg. A88

1322 MORRISON SE

Year	Uses	Source	
1960	Williams B Irvin	R. L. Polk Co. Publishers	Image pg. A64

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Year	Uses	Source	
1955	Williams B Irvin	R. L. Polk Co. Publishers	Image pg. A77
1950	AWill Iams B I a	R. L. Polk Co. Publisher	Image pg. A88
1940	Vacant	R.L. Polk Co., Inc.	Image pg. A97

1323 MORRISON SE

Year	Uses	Source	
1960	Zenger John	R. L. Polk Co. Publishers	Image pg. A64
1955	Zenger John	R. L. Polk Co. Publishers	Image pg. A77
1950	AZinger John	R. L. Polk Co. Publisher	Image pg. A88
1940	Vacant	R.L. Polk Co., Inc.	Image pg. A97

1327 MORRISON SE

Year	Uses	Source	
1960	Garcia Dolores Mrs	R. L. Polk Co. Publishers	Image pg. A64
	Reams Lauretta Mrs	R. L. Polk Co. Publishers	Image pg. A64
1955	Peck Harvey A	R. L. Polk Co. Publishers	Image pg. A77
1950	AThorsen Eline Mrs	R. L. Polk Co. Publisher	Image pg. A88
	ATompte C E Mrs	R. L. Polk Co. Publisher	Image pg. A88
1940	Mc Alinden Viva H Mrs	R.L. Polk Co., Inc.	Image pg. A97
	beauty shop	R.L. Polk Co., Inc.	Image pg. A97
	Baker Orville N	R.L. Polk Co., Inc.	Image pg. A97

1328 MORRISON SE

Year	Uses	Source	
1960	Presto Cins do prsrs	R. L. Polk Co. Publishers	Image pg. A64
1955	Presto Clnrs	R. L. Polk Co. Publishers	Image pg. A77
1950	Presto Clnrs	R. L. Polk Co. Publisher	Image pg. A88
1940	Williams Irwin	R.L. Polk Co., Inc.	Image pg. A97
	Presto Cleaners dclo clnrs	R.L. Polk Co., Inc.	Image pg. A97

1335 MORRISON SE

Year	Uses	Source	
1955	Schulz John	R. L. Polk Co. Publishers	Image pg. A77
1950	Schulz J F shoe repr	R. L. Polk Co. Publisher	Image pg. A88
1940	Schulz John F shoe	R.L. Polk Co., Inc.	Image pg. A97
	Larkin Grace	R.L. Polk Co., Inc.	Image pg. A97

1336 MORRISON SE

Year	Uses	Source	
1960	His Laundromat	R. L. Polk Co. Publishers	Image pg. A64

FINDINGS

Year	Uses	Source	
1955	Royal Appliance Center	R. L. Polk Co. Publishers	Image pg. A77
1940	Rowan Arline D Mrs	R.L. Polk Co., Inc.	Image pg. A97

MORRISON ST SE

927 MORRISON ST SE

Year	Uses	Source	
1965	SAGEBRUSH ROOM THE RESTR	R.L.Polk Co.	Image pg. A50

932 MORRISON ST SE

Year	Uses	Source	
1965	PORTLAND INDEPENDENT MILK	R.L.Polk Co.	Image pg. A50
	PRODUCERS ASSN DALRY	R.L.Polk Co.	Image pg. A50
1935	Hoover & Smiith auto loans	R.L. Polk Co., Inc.	Image pg. A108

940 MORRISON ST SE

Year	Uses	Source	
1935	Springbrook Dairy	R.L. Polk Co., Inc.	Image pg. A108

1001 MORRISON ST SE

Year	Uses	Source	
1965	BEST DISTRIBUTING CO WHOL AUTO PARTS	R.L.Polk Co.	Image pg. A50

1029 MORRISON ST SE

Year	Uses	Source	
1965	ALBRIGHT BROS GLASS CO	R.L.Polk Co.	Image pg. A50

1040 MORRISON ST SE

Year	Uses	Source	
1965	COUNTY DIV REGISTRATION C ELECTIONS	R.L.Polk Co.	Image pg. A50

1115 MORRISON ST SE

Year	Uses	Source	
1965	M & F FINANCE CO INC LOANS	R.L.Polk Co.	Image pg. A50

1117 MORRISON ST SE

Year	Uses	Source	
1965	MORTENSEN A W CO BOILER DISTR	R.L.Polk Co.	Image pg. A50

FINDINGS

1135 MORRISON ST SE

Year	Uses	Source	
1965	FRED C LLOYDS AUTO SERVICE GAS ST	R.L.Polk Co.	Image pg. A50

1200 MORRISON ST SE

Year	Uses	Source	
1965	COUNTY FOOD STAMP PROGRAM	R.L.Polk Co.	Image pg. A50

1205 MORRISON ST SE

Year	Uses	Source	
1965	BOBS MOBIL SERVICE GAS STA	R.L.Polk Co.	Image pg. A50

1216 MORRISON ST SE

Year	Uses	Source	
1935	St Davids Parish House	R.L. Polk Co., Inc.	Image pg. A108

1225 MORRISON ST SE

Year	Uses	Source	
1935	Ollor Virginia	R.L. Polk Co., Inc.	Image pg. A108

1230 MORRISON ST SE

Year	Uses	Source	
1965	REX ARMS APARTMENTS	R.L.Polk Co.	Image pg. A50
	A KENTTA VIVIAN	R.L.Polk Co.	Image pg. A50
	B COOPER ROSE MRS	R.L.Polk Co.	Image pg. A50
	A GOLDSMITH LILLIAN	R.L.Polk Co.	Image pg. A50
	B COOK ALTA E	R.L.Polk Co.	Image pg. A50
	A WAGNER PAUL	R.L.Polk Co.	Image pg. A50
	B HORNER NELLIE	R.L.Polk Co.	Image pg. A50
	A TOMPTE CLARA MRS	R.L.Polk Co.	Image pg. A50
	B JAKSHA CHRISTINA R MRS	R.L.Polk Co.	Image pg. A50
1935	Rex Arms Apartments	R.L. Polk Co., Inc.	Image pg. A108
	A Porria Stieben H	R.L. Polk Co., Inc.	Image pg. A108
	B Mc Connell Doris L	R.L. Polk Co., Inc.	Image pg. A108
	A Temple J H	R.L. Polk Co., Inc.	Image pg. A108
	B Vacant	R.L. Polk Co., Inc.	Image pg. A108
	A Kenton Will G	R.L. Polk Co., Inc.	Image pg. A108
	B Le Febvre Geo W	R.L. Polk Co., Inc.	Image pg. A108
	A Cauble Nora Mrs	R.L. Polk Co., Inc.	Image pg. A108
	B Jordan La Verne Mrs	R.L. Polk Co., Inc.	Image pg. A108

FINDINGS

Year	Uses	Source	
1935	Fleming Kenneth W	R.L. Polk Co., Inc.	Image pg. A108
	Blanchard Asa W	R.L. Polk Co., Inc.	Image pg. A108
	Stansfield Wm	R.L. Polk Co., Inc.	Image pg. A108
	Grant Gertrude Mrs	R.L. Polk Co., Inc.	Image pg. A108
	Smith Robt	R.L. Polk Co., Inc.	Image pg. A108
	Mulkey W J	R.L. Polk Co., Inc.	Image pg. A108
	Nuhbe Almna E	R.L. Polk Co., Inc.	Image pg. A108
	Hoffman Fred L	R.L. Polk Co., Inc.	Image pg. A108
	Taylor Chas	R.L. Polk Co., Inc.	Image pg. A108
	Jiroch Mary	R.L. Polk Co., Inc.	Image pg. A108
	Cupples Fred W	R.L. Polk Co., Inc.	Image pg. A108
	Brockley Fred	R.L. Polk Co., Inc.	Image pg. A108
	MAisner Agnes M Mrs	R.L. Polk Co., Inc.	Image pg. A108
	Penland Evelyn E	R.L. Polk Co., Inc.	Image pg. A108
	Mc Carty Paul R	R.L. Polk Co., Inc.	Image pg. A108
	Vacant	R.L. Polk Co., Inc.	Image pg. A108
	Stephany Alva	R.L. Polk Co., Inc.	Image pg. A108
	Stearns Cath L Mrs	R.L. Polk Co., Inc.	Image pg. A108
	Space Maude M Mrs	R.L. Polk Co., Inc.	Image pg. A108
	Vacant	R.L. Polk Co., Inc.	Image pg. A108
	Gilbert Sybil H	R.L. Polk Co., Inc.	Image pg. A108
	Mattson Reina R	R.L. Polk Co., Inc.	Image pg. A108
	Vacant	R.L. Polk Co., Inc.	Image pg. A108
	Ford Gregory R	R.L. Polk Co., Inc.	Image pg. A108
	Vacant	R.L. Polk Co., Inc.	Image pg. A108
	Keys Jas J	R.L. Polk Co., Inc.	Image pg. A108
	Warnock Robt L	R.L. Polk Co., Inc.	Image pg. A108
	Amato Nixie Mrs	R.L. Polk Co., Inc.	Image pg. A108
	Domke L J	R.L. Polk Co., Inc.	Image pg. A108
	James Wm D	R.L. Polk Co., Inc.	Image pg. A108
	Johnson Edw H	R.L. Polk Co., Inc.	Image pg. A108
	Robbins S Louise	R.L. Polk Co., Inc.	Image pg. A108
	Hogstrom John	R.L. Polk Co., Inc.	Image pg. A108
	Thorp Chas	R.L. Polk Co., Inc.	Image pg. A108
	Litherland Sterling H	R.L. Polk Co., Inc.	Image pg. A108
	Baum Betty Mrs	R.L. Polk Co., Inc.	Image pg. A108
	Douglas Jas E	R.L. Polk Co., Inc.	Image pg. A108
	Tellert Jack J	R.L. Polk Co., Inc.	Image pg. A108

FINDINGS

Year	Uses	Source	
1935	Vacant	R.L. Polk Co., Inc.	Image pg. A108
	Marsden Walter M	R.L. Polk Co., Inc.	Image pg. A108
	Vacant	R.L. Polk Co., Inc.	Image pg. A108
	Olsen Olaf	R.L. Polk Co., Inc.	Image pg. A108
	Ruhe Emil	R.L. Polk Co., Inc.	Image pg. A108
	Walton Darrel A	R.L. Polk Co., Inc.	Image pg. A108
	Mikelson Sami	R.L. Polk Co., Inc.	Image pg. A108
	Andersoin Roy G	R.L. Polk Co., Inc.	Image pg. A108
	Mc Millen Clyde	R.L. Polk Co., Inc.	Image pg. A108
	Ramsey Martin J	R.L. Polk Co., Inc.	Image pg. A108
	Le Blond Nathan J	R.L. Polk Co., Inc.	Image pg. A108
	Wilson Wm J	R.L. Polk Co., Inc.	Image pg. A108
	Gilkey Wm D	R.L. Polk Co., Inc.	Image pg. A108
	Vacant	R.L. Polk Co., Inc.	Image pg. A108
	Cornelius Wm H	R.L. Polk Co., Inc.	Image pg. A108
	Street continued	R.L. Polk Co., Inc.	Image pg. A108

1237 MORRISON ST SE

Year	Uses	Source	
1935	Bell Geo W	R.L. Polk Co., Inc.	Image pg. A108

1245 MORRISON ST SE

Year	Uses	Source	
1965	VACANT	R.L.Polk Co.	Image pg. A50
1935	Swiggum Knute E	R.L. Polk Co., Inc.	Image pg. A108

1247 MORRISON ST SE

Year	Uses	Source	
1965	SUMMERS GLADYS M	R.L.Polk Co.	Image pg. A50
1935	Petersen Chas W	R.L. Polk Co., Inc.	Image pg. A108

1300 MORRISON ST SE

Year	Uses	Source	
1965	VIC S SUNDRIES 6 TOILETRIES	R.L.Polk Co.	Image pg. A50
	MORR ISON ST SE CONTO	R.L.Polk Co.	Image pg. A52
1935	Rex Arms Pharmacy	R.L. Polk Co., Inc.	Image pg. A108

1301 MORRISON ST SE

Year	Uses	Source	
1965	VACANT	R.L.Polk Co.	Image pg. A52

FINDINGS

Year	Uses	Source	
1935	Andrews Robt	R.L. Polk Co., Inc.	Image pg. A108

1303 MORRISON ST SE

Year	Uses	Source	
1965	VACANT	R.L.Polk Co.	Image pg. A52
1935	Rife Sarah E	R.L. Polk Co., Inc.	Image pg. A108

1305 MORRISON ST SE

Year	Uses	Source	
1965	VACANT	R.L.Polk Co.	Image pg. A52
1935	Brownlee Paul V	R.L. Polk Co., Inc.	Image pg. A108

1307 MORRISON ST SE

Year	Uses	Source	
1965	JACKSON CLYDE A	R.L.Polk Co.	Image pg. A52
1935	Waldon John	R.L. Polk Co., Inc.	Image pg. A108

1308 MORRISON ST SE

Year	Uses	Source	
1965	HAL S TAVERN	R.L.Polk Co.	Image pg. A52
1935	Vacant	R.L. Polk Co., Inc.	Image pg. A108

1315 MORRISON ST SE

Year	Uses	Source	
1965	VACANT	R.L.Polk Co.	Image pg. A52
1935	Raulin Lena Mrs	R.L. Polk Co., Inc.	Image pg. A108

1317 MORRISON ST SE

Year	Uses	Source	
1965	VACANT	R.L.Polk Co.	Image pg. A52
1935	Penney Jos H	R.L. Polk Co., Inc.	Image pg. A108

1321 MORRISON ST SE

Year	Uses	Source	
1965	SONERA MARIA	R.L.Polk Co.	Image pg. A52
1935	Tietjen Fred	R.L. Polk Co., Inc.	Image pg. A108

1322 MORRISON ST SE

Year	Uses	Source	
1965	WILLIAMS a IRVIN	R.L.Polk Co.	Image pg. A52
1935	Long Anna K Mrs	R.L. Polk Co., Inc.	Image pg. A108

FINDINGS

1323 MORRISON ST SE

Year	Uses	Source	
1965	ZENGER JOHN U	R.L.Polk Co.	Image pg. A52

1327 MORRISON ST SE

Year	Uses	Source	
1965	EDBERG DAVID NOLAN ELIZ A MRS	R.L.Polk Co.	Image pg. A52
1935	Melton Andrew B	R.L. Polk Co., Inc.	Image pg. A108
	Hall C Harry	R.L. Polk Co., Inc.	Image pg. A108
	beauty shop	R.L. Polk Co., Inc.	Image pg. A108
	Olscn Victor E	R.L. Polk Co., Inc.	Image pg. A108
	Melton Ethel G Mrs	R.L. Polk Co., Inc.	Image pg. A108

1328 MORRISON ST SE

Year	Uses	Source	
1965	PRESTO CLEANERS	R.L.Polk Co.	Image pg. A52
1935	Christensen Alfd	R.L. Polk Co., Inc.	Image pg. A108

1335 MORRISON ST SE

Year	Uses	Source	
1965	SCHULZ AMY M MRS	R.L.Polk Co.	Image pg. A52
1935	Schulz John C	R.L. Polk Co., Inc.	Image pg. A108
	Morgan C Robt	R.L. Polk Co., Inc.	Image pg. A108

1336 MORRISON ST SE

Year	Uses	Source	
1965	HII LAUNDROMAT	R.L.Polk Co.	Image pg. A52
1935	Rowan Arline D Mrs	R.L. Polk Co., Inc.	Image pg. A108

SE 10TH

723 SE 10TH

Year	Uses	Source
1946	George D O r	The Pacific Telephone and Telegraph Company

800 SE 10TH

Year	Uses	Source
1946	Union Laundry	The Pacific Telephone and Telegraph Company
	Yale Laundry Co	The Pacific Telephone and Telegraph Company

FINDINGS

915 SE 10TH

Year	Uses	Source	
1946	Berry Arthur All State Prod Co	The Pacific Telephone and Telegraph Company	

917 SE 10TH

Year	Uses	Source	
1946	Anderson Geo	The Pacific Telephone and Telegraph Company	

SE 10TH AVE

606 SE 10TH AVE

Year	Uses	Source	
1981	No Return	R.L. Polk Co. Publishers	Image pg. A19

636 SE 10TH AVE

Year	Uses	Source	
1985	United Salad Co Inc whol produce	R. L. Polk and Co. Publishers	Image pg. A8
1981	United Salad Co Inc	R.L. Polk Co. Publishers	Image pg. A19
1975	United Salad Co Inc	R. L. Polk and Co. Publishers	Image pg. A29
1970	UNITED SALAD CO INC	R. L. Polk Co. Publishers	Image pg. A40

SE 10th Ave

715 SE 10th Ave

Year	Uses	Source
2014	METRO METRIC AUTOMOTIVE SVC	EDR Digital Archive
2010	METRO METRIC AUTOMOTIVE SVC	EDR Digital Archive

SE 10TH AVE

715 SE 10TH AVE

Year	Uses	Source	
1985	Vacant	R. L. Polk and Co. Publishers	Image pg. A8
1981	Oregon Auto Spring Service Inc mfrs	R.L. Polk Co. Publishers	Image pg. A19
1975	Oregon Auto Sprnng Service Inc	R. L. Polk and Co. Publishers	Image pg. A29
1970	OREGON AUTO SPRING SERVICE INC PARTS MFRS	R. L. Polk Co. Publishers	Image pg. A40

FINDINGS

SE 10th Ave

800 SE 10th Ave

Year	Uses	Source
2014	PERFECT FIT-MCDONALD INC	EDR Digital Archive
	CHROMA GAMES INC	EDR Digital Archive
	MARRIAGE RECORDS	EDR Digital Archive
	YU CONTEMPORARY INC	EDR Digital Archive
	YU CENTER FOR ARTS	EDR Digital Archive
	EMPRINT PRESS	EDR Digital Archive
2010	PERFECT FIT-MCDONALD INC	EDR Digital Archive
	YU CENTER FOR ARTS	EDR Digital Archive
	MARRIAGE RECORDS	EDR Digital Archive
	LOWIT RENTALS LLC	EDR Digital Archive

SE 10TH AVE

800 SE 10TH AVE

Year	Uses	Source	
1985	Perfect Fit Me Donald Inc	R. L. Polk and Co. Publishers	Image pg. A8
	upholstery supplies	R. L. Polk and Co. Publishers	Image pg. A8
1981	Perfect Fit Mfg Co auto seat covers	R.L. Polk Co. Publishers	Image pg. A19
1975	Perfect Fit Mfg Co auto seat	R. L. Polk and Co. Publishers	Image pg. A29
	covers	R. L. Polk and Co. Publishers	Image pg. A29
1970	PERFECT FIT MFG CO AUTO SEAT COVERS	R. L. Polk Co. Publishers	Image pg. A40

SE 10th Ave

813 SE 10th Ave

Year	Uses	Source
2010	I/O UNLIMITED	EDR Digital Archive

SE 10TH AVE

813 SE 10TH AVE

Year	Uses	Source	
1985	starters	R. L. Polk and Co. Publishers	Image pg. A8
	P M X Inc rebuilt alternators	R. L. Polk and Co. Publishers	Image pg. A8

FINDINGS

910 SE 10TH AVE

Year	Uses	Source	
1970	FISHERS PRODUCE CO WHOL	R. L. Polk Co. Publishers	Image pg. A40

SE 10th Ave

915 SE 10th Ave

Year	Uses	Source
2014	H 2 S INCORPORATED	EDR Digital Archive
2010	H 2 S INCORPORATED	EDR Digital Archive

SE 10TH AVE

915 SE 10TH AVE

Year	Uses	Source	
1985	Bar Tur Food Inc whol gro	R. L. Polk and Co. Publishers	Image pg. A8
1981	Bar Tur Food Inc whol gro	R.L. Polk Co. Publishers	Image pg. A19
1975	Gourmet Food Products Inc whol	R. L. Polk and Co. Publishers	Image pg. A29
	Caruso Produce Express	R. L. Polk and Co. Publishers	Image pg. A29
	Cal Frank Produce whol	R. L. Polk and Co. Publishers	Image pg. A29
	Bar Tur Food Inc Br whol gro	R. L. Polk and Co. Publishers	Image pg. A29
1970	CAL FRANK PRODUCE WHOL	R. L. Polk Co. Publishers	Image pg. A40
	CARUSO PRODUCE EXPRESS	R. L. Polk Co. Publishers	Image pg. A40
	GOURMET FOOD PRODUCTS INC WHDL	R. L. Polk Co. Publishers	Image pg. A40
	BAR TUR FOOD INC BR WHOL GR	R. L. Polk Co. Publishers	Image pg. A40

921 SE 10TH AVE

Year	Uses	Source	
1985	Gatto & Sons addl sp	R. L. Polk and Co. Publishers	Image pg. A8
1981	Market Club Restaurant	R.L. Polk Co. Publishers	Image pg. A19
1975	Market Club Restaurant	R. L. Polk and Co. Publishers	Image pg. A29
1970	MARKET CLUB RESTAURANT	R. L. Polk Co. Publishers	Image pg. A40

SE 10th Ave

927 SE 10th Ave

Year	Uses	Source
2014	GATTO AND SONS INC	EDR Digital Archive
2010	GATTO AND SONS INC	EDR Digital Archive

FINDINGS

SE 10TH AVE

927 SE 10TH AVE

Year	Uses	Source	
1985	Gatto & Sons whol fruit and prod	R. L. Polk and Co. Publishers	Image pg. A8
1981	Gatto & Sons whol fruit and prod	R.L. Polk Co. Publishers	Image pg. A19
1975	Gatto & Sons whol fruit and prod	R. L. Polk and Co. Publishers	Image pg. A29
1970	GATTO 6 SONS WHOL FRUIT AND PROD	R. L. Polk Co. Publishers	Image pg. A40

940 SE 10TH AVE

Year	Uses	Source	
1985	Fazzio Fruit & Produce Inc sis	R. L. Polk and Co. Publishers	Image pg. A8
1975	Fazzio Fruit & Produce Inc	R. L. Polk and Co. Publishers	Image pg. A29
1970	FAZZIO FRUIT C PRODUCE INC	R. L. Polk Co. Publishers	Image pg. A40

1000 SE 10TH AVE

Year	Uses	Source	
1985	Fujii Edward H produce dealer	R. L. Polk and Co. Publishers	Image pg. A8
1975	S T Produce whol	R. L. Polk and Co. Publishers	Image pg. A29
1970	S T PRODUCE WHOL	R. L. Polk Co. Publishers	Image pg. A40

SE 10TH TER

715 SE 10TH TER

Year	Uses	Source
1946	Watson Jeff Mrs r	The Pacific Telephone and Telegraph Company

915 SE 10TH TER

Year	Uses	Source
1946	All State Produce Co	The Pacific Telephone and Telegraph Company

921 SE 10TH TER

Year	Uses	Source
1946	Market Club Restaurant	The Pacific Telephone and Telegraph Company

927 SE 10TH TER

Year	Uses	Source
1946	Gatto & Sons fruit	The Pacific Telephone and Telegraph Company

FINDINGS

935 SE 10TH TER

Year	Uses	Source
1946	Forney Freight Lines	The Pacific Telephone and Telegraph Company
	Forney & Sons See Forney Freight Lines	The Pacific Telephone and Telegraph Company

SE 11

604 SE 11

Year	Uses	Source
1946	Coxen W F r	The Pacific Telephone and Telegraph Company

711 SE 11

Year	Uses	Source
1946	Anderson Viva r	The Pacific Telephone and Telegraph Company
	Dickey John W r	The Pacific Telephone and Telegraph Company
	Dugan Helen r	The Pacific Telephone and Telegraph Company
	Smith E C r	The Pacific Telephone and Telegraph Company
	Hoffman Marie r	The Pacific Telephone and Telegraph Company
	Landgraver P A r	The Pacific Telephone and Telegraph Company
	Olsen Odd F r	The Pacific Telephone and Telegraph Company
	Hazel L W r	The Pacific Telephone and Telegraph Company

951 SE 11

Year	Uses	Source
1946	M & R Produce Co	The Pacific Telephone and Telegraph Company

SE 11TH

711 SE 11TH

Year	Uses	Source
1992	TEAGUE Martin	US WEST DIRECT
	TIPPIN M	US WEST DIRECT
	TRAVIS J M	US WEST DIRECT

FINDINGS

Year	Uses	Source
1992	TROUSDALE Paul & Diane	US WEST DIRECT
	WEAVER Jerome E	US WEST DIRECT
	WIRTH Patrick	US WEST DIRECT
	WYNNE Kathy	US WEST DIRECT
	STERBA J R	US WEST DIRECT
	SHURN Renell	US WEST DIRECT
	SCHNACKENBERG Butch	US WEST DIRECT
	ORMOND John J	US WEST DIRECT
	MURPHY Colleen	US WEST DIRECT
	MENDOZA D K	US WEST DIRECT
	LAPHAM David D	US WEST DIRECT
	HOLT Brent	US WEST DIRECT
	HICKETHIER Daniel	US WEST DIRECT
	CLARK Eugene M	US WEST DIRECT
	CHAPPELEAR Dean A	US WEST DIRECT
	ACKER Anthony B	US WEST DIRECT

800 SE 11TH

Year	Uses	Source
1992	WARUCK Daniet&Saundra	US WEST DIRECT

861 SE 11TH

Year	Uses	Source
1992	LEE Anna J Mrs	US WEST DIRECT

SE 11TH AV HILFSBORO

785 SE 11TH AV HILFSBORO

Year	Uses	Source
1992	OGLESBY Myrtle	US WEST DIRECT

SE 11th Ave

602 SE 11th Ave

Year	Uses	Source
2014	11TH AVENUE INVESTMENT LLC	EDR Digital Archive

FINDINGS

SE 11TH AVE

602 SE 11TH AVE

Year	Uses	Source	
1985	Day Charles H Company Inc tools	R. L. Polk and Co. Publishers	Image pg. A9
1981	Day Charles H Co	R.L. Polk Co. Publishers	Image pg. A20
1975	repairs	R. L. Polk and Co. Publishers	Image pg. A30
	Peterson Body Service truck	R. L. Polk and Co. Publishers	Image pg. A30
1970	PETERSON BODY SERVICE TRUCK REPAIRS	R. L. Polk Co. Publishers	Image pg. A41
1965	PETERSON BODY SERVICE TRUCK BODY REPAIRS	R.L.Polk Co.	Image pg. A53

603 SE 11TH AVE

Year	Uses	Source	
1985	Vacant	R. L. Polk and Co. Publishers	Image pg. A9
1981	Smith Jim E	R.L. Polk Co. Publishers	Image pg. A20
	Bremer Pete	R.L. Polk Co. Publishers	Image pg. A20
1975	Roan Peggy	R. L. Polk and Co. Publishers	Image pg. A30
	Williamsn Pnscilla	R. L. Polk and Co. Publishers	Image pg. A30
1970	MILLER GRACE F	R. L. Polk Co. Publishers	Image pg. A41
1965	BANE LOIS M MRS	R.L.Polk Co.	Image pg. A53

622 SE 11TH AVE

Year	Uses	Source	
1985	Bickle Wm L	R. L. Polk and Co. Publishers	Image pg. A9
1981	Loucks Marie A Mrs	R.L. Polk Co. Publishers	Image pg. A20
1975	Loucks Archibald H	R. L. Polk and Co. Publishers	Image pg. A30
1970	LOUCKS ARCHIBALD H	R. L. Polk Co. Publishers	Image pg. A41
1965	RREDY ROBT V	R.L.Polk Co.	Image pg. A53

630 SE 11TH AVE

Year	Uses	Source	
1985	Greenwald Violet M Mrs	R. L. Polk and Co. Publishers	Image pg. A9
1981	Greenwald Violet M Mrs	R.L. Polk Co. Publishers	Image pg. A20
1975	Greenwald Louis F	R. L. Polk and Co. Publishers	Image pg. A30
1970	GREENWALD LOUIS F	R. L. Polk Co. Publishers	Image pg. A41
1965	GREENWALD LOUIS F	R.L.Polk Co.	Image pg. A53

FINDINGS

634 SE 11TH AVE

Year	Uses	Source	
1965	C FOSTER WALTER D HOWARD WM	R.L.Polk Co.	Image pg. A53
	HYMAS FLORENCE E MRS a	R.L.Polk Co.	Image pg. A53
	FORTE MAX P	R.L.Polk Co.	Image pg. A53
	A TYLER DON R	R.L.Polk Co.	Image pg. A53
	B HANNA PEARL N MRS	R.L.Polk Co.	Image pg. A53

635 SE 11TH AVE

Year	Uses	Source	
1985	Freeway Transport Co	R. L. Polk and Co. Publishers	Image pg. A9
1981	Freeway Transport Co	R.L. Polk Co. Publishers	Image pg. A20
1975	Freeway Transport Co	R. L. Polk and Co. Publishers	Image pg. A30

SE 11th Ave

636 SE 11th Ave

Year	Uses	Source
2014	PRINTED MATTER SCREEN PRINTING	EDR Digital Archive
	CANTANKEROUS TITLES	EDR Digital Archive
2010	TIGER STYLE LLC	EDR Digital Archive
	MICROCOSM PUBLISHING LLC	EDR Digital Archive
	HOTSY CLEANING SYSTEMS INC	EDR Digital Archive

SE 11TH AVE

636 SE 11TH AVE

Year	Uses	Source	
1985	United Bearing Co sas ofc	R. L. Polk and Co. Publishers	Image pg. A9
1981	United Bearing Co Of Calif Inc asl	R.L. Polk Co. Publishers	Image pg. A20
1975	United Bearing Co Of Calif Inc als	R. L. Polk and Co. Publishers	Image pg. A30
1970	UNITED BEARING CO OF CALIF INC	R. L. Polk Co. Publishers	Image pg. A41
	SLS OFC ALL TYPES OF BEARINGS	R. L. Polk Co. Publishers	Image pg. A41

708 SE 11TH AVE

Year	Uses	Source	
1985	G A Investment Annex	R. L. Polk and Co. Publishers	Image pg. A9
1981	Vacant	R.L. Polk Co. Publishers	Image pg. A20
1975	Horace Mann Educators	R. L. Polk and Co. Publishers	Image pg. A30

FINDINGS

SE 11th Ave

711 SE 11th Ave

Year	Uses	Source
2014	23RD AVE PROPERTIES LLC	EDR Digital Archive
	INCOME PROPERTY MANAGEMENT CO	EDR Digital Archive
2010	INCOME PROPERTY MANAGEMENT CO	EDR Digital Archive
	CREATIVE MEMORIES	EDR Digital Archive

SE 11TH AVE

711 SE 11TH AVE

Year	Uses	Source	
1985	Melcliffe Court Apartments	R. L. Polk and Co. Publishers	Image pg. A9
	A Crone Bart	R. L. Polk and Co. Publishers	Image pg. A9
	B Dess Leo E	R. L. Polk and Co. Publishers	Image pg. A9
	C Me Bride Eliz J	R. L. Polk and Co. Publishers	Image pg. A9
	D Clough	R. L. Polk and Co. Publishers	Image pg. A9
	Craig Rose H	R. L. Polk and Co. Publishers	Image pg. A9
	Doncaster Ralph	R. L. Polk and Co. Publishers	Image pg. A9
	Gillespie Francis J	R. L. Polk and Co. Publishers	Image pg. A9
	Torres F	R. L. Polk and Co. Publishers	Image pg. A9
	Spring	R. L. Polk and Co. Publishers	Image pg. A9
	Kosch Blanche	R. L. Polk and Co. Publishers	Image pg. A9
	ODonnell Lura	R. L. Polk and Co. Publishers	Image pg. A9
	Negrevski	R. L. Polk and Co. Publishers	Image pg. A9
	Zaharako	R. L. Polk and Co. Publishers	Image pg. A9
	Nunn	R. L. Polk and Co. Publishers	Image pg. A9
	Carrington Robt W	R. L. Polk and Co. Publishers	Image pg. A9
	Campbell Patti	R. L. Polk and Co. Publishers	Image pg. A9
	King	R. L. Polk and Co. Publishers	Image pg. A9
	Phillips M L	R. L. Polk and Co. Publishers	Image pg. A9
	Kay Jessie M Mrs	R. L. Polk and Co. Publishers	Image pg. A9
	Yazzolino Ernie	R. L. Polk and Co. Publishers	Image pg. A9
	Demeter F	R. L. Polk and Co. Publishers	Image pg. A9
	Lundstrom Geraldine	R. L. Polk and Co. Publishers	Image pg. A9
	Russell Dorothy M	R. L. Polk and Co. Publishers	Image pg. A9
	Wilson	R. L. Polk and Co. Publishers	Image pg. A9
	Redding Geo E	R. L. Polk and Co. Publishers	Image pg. A9

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Year	Uses	Source	
1985	Morse Harold L	R. L. Polk and Co. Publishers	Image pg. A9
	Crosby Doug A	R. L. Polk and Co. Publishers	Image pg. A9
	Mc Carney M E	R. L. Polk and Co. Publishers	Image pg. A9
	Kendall L M	R. L. Polk and Co. Publishers	Image pg. A9
	Nault R	R. L. Polk and Co. Publishers	Image pg. A9
	Arellano Patty	R. L. Polk and Co. Publishers	Image pg. A9
	Byhre	R. L. Polk and Co. Publishers	Image pg. A9
	Bradley	R. L. Polk and Co. Publishers	Image pg. A9
	Harshbarger Joyce	R. L. Polk and Co. Publishers	Image pg. A9
	Finger Norman F	R. L. Polk and Co. Publishers	Image pg. A9
	Mills C L	R. L. Polk and Co. Publishers	Image pg. A9
	Chung Francis	R. L. Polk and Co. Publishers	Image pg. A9
	Misetich	R. L. Polk and Co. Publishers	Image pg. A9
	Petersen	R. L. Polk and Co. Publishers	Image pg. A9
	Vacant	R. L. Polk and Co. Publishers	Image pg. A9
	Yazzolino S	R. L. Polk and Co. Publishers	Image pg. A9
	Fraas	R. L. Polk and Co. Publishers	Image pg. A9
	Anderson Alice M	R. L. Polk and Co. Publishers	Image pg. A9
	Lewis C F	R. L. Polk and Co. Publishers	Image pg. A9
	Major Alice	R. L. Polk and Co. Publishers	Image pg. A9
	Me Hargue	R. L. Polk and Co. Publishers	Image pg. A9
	Slater	R. L. Polk and Co. Publishers	Image pg. A9
	Johns W	R. L. Polk and Co. Publishers	Image pg. A9
	Stiefbold Carl	R. L. Polk and Co. Publishers	Image pg. A9
	Mills Lee	R. L. Polk and Co. Publishers	Image pg. A9
	Vacant	R. L. Polk and Co. Publishers	Image pg. A9
	Vacant	R. L. Polk and Co. Publishers	Image pg. A9
	Magnuson	R. L. Polk and Co. Publishers	Image pg. A9
	Mecum D	R. L. Polk and Co. Publishers	Image pg. A9
1981	Ambrose Edgar	R.L. Polk Co. Publishers	Image pg. A20
	Carrington Robt W	R.L. Polk Co. Publishers	Image pg. A20
	Chawpbeu Patty	R.L. Polk Co. Publishers	Image pg. A20
	Pankey David	R.L. Polk Co. Publishers	Image pg. A20
	Phillips Wayne	R.L. Polk Co. Publishers	Image pg. A20
	Kay Jessie M Mrs	R.L. Polk Co. Publishers	Image pg. A20
	Meehleib John H	R.L. Polk Co. Publishers	Image pg. A20
	Bayer Holly	R.L. Polk Co. Publishers	Image pg. A20
	Lundstrom Geraldine	R.L. Polk Co. Publishers	Image pg. A20

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Year	Uses	Source	
1981	Russell Dorothy M	R.L. Polk Co. Publishers	Image pg. A20
	Vacant	R.L. Polk Co. Publishers	Image pg. A20
	Redding Geo E	R.L. Polk Co. Publishers	Image pg. A20
	Morse Harold L	R.L. Polk Co. Publishers	Image pg. A20
	Tyburski John	R.L. Polk Co. Publishers	Image pg. A20
	Gensheimer Els	R.L. Polk Co. Publishers	Image pg. A20
	Vacant	R.L. Polk Co. Publishers	Image pg. A20
	Moore Shir Lee	R.L. Polk Co. Publishers	Image pg. A20
	Gustin Randall L	R.L. Polk Co. Publishers	Image pg. A20
	Barnard Virgnia C	R.L. Polk Co. Publishers	Image pg. A20
	Walker Jean Mrs	R.L. Polk Co. Publishers	Image pg. A20
	Hatsey Pat	R.L. Polk Co. Publishers	Image pg. A20
	Trout Harold	R.L. Polk Co. Publishers	Image pg. A20
	Craft Raymond	R.L. Polk Co. Publishers	Image pg. A20
	Vacant	R.L. Polk Co. Publishers	Image pg. A20
	Ostby Helene M	R.L. Polk Co. Publishers	Image pg. A20
	Finger Norman F	R.L. Polk Co. Publishers	Image pg. A20
	Kinna Anna M	R.L. Polk Co. Publishers	Image pg. A20
	Koski Eino	R.L. Polk Co. Publishers	Image pg. A20
	Graig Rose	R.L. Polk Co. Publishers	Image pg. A20
	Anderson Alice M	R.L. Polk Co. Publishers	Image pg. A20
	Worden Randy	R.L. Polk Co. Publishers	Image pg. A20
	Melcliffe Court Apartments	R.L. Polk Co. Publishers	Image pg. A20
	Kent Laura P Mrs	R.L. Polk Co. Publishers	Image pg. A20
	A Hayden Tom	R.L. Polk Co. Publishers	Image pg. A20
	B Haar John J	R.L. Polk Co. Publishers	Image pg. A20
	C Yazzolino Ernie D Des Leo E	R.L. Polk Co. Publishers	Image pg. A20
	I Darossett Dani	R.L. Polk Co. Publishers	Image pg. A20
	Doty Mat	R.L. Polk Co. Publishers	Image pg. A20
	Gillespie Francis J	R.L. Polk Co. Publishers	Image pg. A20
	Warren Randy	R.L. Polk Co. Publishers	Image pg. A20
	Hoff Emil F	R.L. Polk Co. Publishers	Image pg. A20
	Knepper John W	R.L. Polk Co. Publishers	Image pg. A20
	ODonnell Lur	R.L. Polk Co. Publishers	Image pg. A20
	Fry Kelly	R.L. Polk Co. Publishers	Image pg. A20
	Richardson Raymond	R.L. Polk Co. Publishers	Image pg. A20
	Major Alice	R.L. Polk Co. Publishers	Image pg. A20
	Kniseyl M D	R.L. Polk Co. Publishers	Image pg. A20

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Year	Uses	Source	
1981	Bell Frank R	R.L. Polk Co. Publishers	Image pg. A20
	Hemby Ted W	R.L. Polk Co. Publishers	Image pg. A20
	Kelly Kath	R.L. Polk Co. Publishers	Image pg. A20
	Kent James L	R.L. Polk Co. Publishers	Image pg. A20
	Doncaster Ralph S	R.L. Polk Co. Publishers	Image pg. A20
	Dewey Ed	R.L. Polk Co. Publishers	Image pg. A20
	Wellman Gary	R.L. Polk Co. Publishers	Image pg. A20
	Lohmann Steven	R.L. Polk Co. Publishers	Image pg. A20
	STREET CONTINUED	R.L. Polk Co. Publishers	Image pg. A20
1975	Jones Constance	R. L. Polk and Co. Publishers	Image pg. A30
	Oyen Trygve	R. L. Polk and Co. Publishers	Image pg. A30
	Gillespie Francis J	R. L. Polk and Co. Publishers	Image pg. A30
	Mc Pherson Bill L	R. L. Polk and Co. Publishers	Image pg. A30
	Walsh Margt K	R. L. Polk and Co. Publishers	Image pg. A30
	ODonnell Lura	R. L. Polk and Co. Publishers	Image pg. A30
	Kilbert Bruce	R. L. Polk and Co. Publishers	Image pg. A30
	King Leo A	R. L. Polk and Co. Publishers	Image pg. A30
	Velotta Dominic	R. L. Polk and Co. Publishers	Image pg. A30
	Carmngton Robt W	R. L. Polk and Co. Publishers	Image pg. A30
	Lee Edith Mrs	R. L. Polk and Co. Publishers	Image pg. A30
	Mills Jeanette	R. L. Polk and Co. Publishers	Image pg. A30
	Phillips M	R. L. Polk and Co. Publishers	Image pg. A30
	Kay Jessie M Mrs	R. L. Polk and Co. Publishers	Image pg. A30
	Brnstow B	R. L. Polk and Co. Publishers	Image pg. A30
	Demater Paul	R. L. Polk and Co. Publishers	Image pg. A30
	Lundstrom Geraldine	R. L. Polk and Co. Publishers	Image pg. A30
	Russell Dorothy	R. L. Polk and Co. Publishers	Image pg. A30
	Kruger Carl	R. L. Polk and Co. Publishers	Image pg. A30
	Redding Goo E	R. L. Polk and Co. Publishers	Image pg. A30
	Atkins James	R. L. Polk and Co. Publishers	Image pg. A30
	Johnson Charlotte Mrs	R. L. Polk and Co. Publishers	Image pg. A30
	Gensheimer Elsa	R. L. Polk and Co. Publishers	Image pg. A30
	Lundstrom Harold A	R. L. Polk and Co. Publishers	Image pg. A30
	Moore Shirlee	R. L. Polk and Co. Publishers	Image pg. A30
	Gustin Randall	R. L. Polk and Co. Publishers	Image pg. A30
	Vacant	R. L. Polk and Co. Publishers	Image pg. A30
	Walker Jean Mrs	R. L. Polk and Co. Publishers	Image pg. A30
	Whitehead Geo A	R. L. Polk and Co. Publishers	Image pg. A30

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Year	Uses	Source	
1975	Dillian Eldon	R. L. Polk and Co. Publishers	Image pg. A30
	Bemis Adnran	R. L. Polk and Co. Publishers	Image pg. A30
	Melcliffe Court Apartments	R. L. Polk and Co. Publishers	Image pg. A30
	Stump Bert J	R. L. Polk and Co. Publishers	Image pg. A30
	A De Boise Patk	R. L. Polk and Co. Publishers	Image pg. A30
	B Haar John J	R. L. Polk and Co. Publishers	Image pg. A30
	C Mouledovs C A	R. L. Polk and Co. Publishers	Image pg. A30
	D Dess Leo A	R. L. Polk and Co. Publishers	Image pg. A30
	Bracco James J	R. L. Polk and Co. Publishers	Image pg. A30
	Emery Edna M Mrs	R. L. Polk and Co. Publishers	Image pg. A30
	Finger Norman	R. L. Polk and Co. Publishers	Image pg. A30
	Kimna Anna M	R. L. Polk and Co. Publishers	Image pg. A30
	Hendrnckson Ethel A	R. L. Polk and Co. Publishers	Image pg. A30
	Johnson Myrtle E	R. L. Polk and Co. Publishers	Image pg. A30
	Anderson Alice M	R. L. Polk and Co. Publishers	Image pg. A30
	Ostby Helene M	R. L. Polk and Co. Publishers	Image pg. A30
	Conroy Edw A	R. L. Polk and Co. Publishers	Image pg. A30
	Mecume Donald	R. L. Polk and Co. Publishers	Image pg. A30
	Bell Frank R	R. L. Polk and Co. Publishers	Image pg. A30
	Sutter Richd A	R. L. Polk and Co. Publishers	Image pg. A30
	Richter Paul	R. L. Polk and Co. Publishers	Image pg. A30
	Mc Bain Howard F	R. L. Polk and Co. Publishers	Image pg. A30
	Stone L M	R. L. Polk and Co. Publishers	Image pg. A30
	Phillips Ida	R. L. Polk and Co. Publishers	Image pg. A30
	Terleski John	R. L. Polk and Co. Publishers	Image pg. A30
	Mc Curney Margt E	R. L. Polk and Co. Publishers	Image pg. A30
	Bennett C L	R. L. Polk and Co. Publishers	Image pg. A30
1970	887	R. L. Polk Co. Publishers	Image pg. A41
	WAROROP LUCY A MRS	R. L. Polk Co. Publishers	Image pg. A41
	WALKER JEAN MRS	R. L. Polk Co. Publishers	Image pg. A41
	WHITEHEAD GEO A	R. L. Polk Co. Publishers	Image pg. A41
	BEEDE JOHN F	R. L. Polk Co. Publishers	Image pg. A41
	FRIENWOLD PAUL	R. L. Polk Co. Publishers	Image pg. A41
	BJORN ERIC	R. L. Polk Co. Publishers	Image pg. A41
	EMERY JOHN J	R. L. Polk Co. Publishers	Image pg. A41
	FINGER NORMAN	R. L. Polk Co. Publishers	Image pg. A41
	HARR WM	R. L. Polk Co. Publishers	Image pg. A41
	HENDRICKSON ETHEL A	R. L. Polk Co. Publishers	Image pg. A41

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Year	Uses	Source	
1970	PETTFRSEN JOYCE M	R. L. Polk Co. Publishers	Image pg. A41
	MC CARL MABEL V MRS	R. L. Polk Co. Publishers	Image pg. A41
	BROWNELL ARTH	R. L. Polk Co. Publishers	Image pg. A41
	CONROY EDW	R. L. Polk Co. Publishers	Image pg. A41
	KLOCK RUTH E MRS	R. L. Polk Co. Publishers	Image pg. A41
	BELL FRANK R	R. L. Polk Co. Publishers	Image pg. A41
	NEMETZ EUG	R. L. Polk Co. Publishers	Image pg. A41
	DICKSON HAZEL B MRS	R. L. Polk Co. Publishers	Image pg. A41
	MC BAIN HOWARD	R. L. Polk Co. Publishers	Image pg. A41
	VACANT	R. L. Polk Co. Publishers	Image pg. A41
	VACANT	R. L. Polk Co. Publishers	Image pg. A41
	TERLISKI JOHN	R. L. Polk Co. Publishers	Image pg. A41
	GONZALES RICHD	R. L. Polk Co. Publishers	Image pg. A41
	DICKSON LULU J	R. L. Polk Co. Publishers	Image pg. A41
	STREET CONTINUED	R. L. Polk Co. Publishers	Image pg. A41
	MELCLIFFE COURT APARTMENTS	R. L. Polk Co. Publishers	Image pg. A41
	HYMAS FLORENCE B	R. L. Polk Co. Publishers	Image pg. A41
	A TYLER DON R	R. L. Polk Co. Publishers	Image pg. A41
	B HANNA PEARL N MRS	R. L. Polk Co. Publishers	Image pg. A41
	C FOSTER WALTER D HALE CECIL	R. L. Polk Co. Publishers	Image pg. A41
	LANDFAIR CLARA MRS	R. L. Polk Co. Publishers	Image pg. A41
	VACANT	R. L. Polk Co. Publishers	Image pg. A41
	GILLESPIE FRANCIS J	R. L. Polk Co. Publishers	Image pg. A41
	WALSH MARGT	R. L. Polk Co. Publishers	Image pg. A41
	WHEELER RUTH	R. L. Polk Co. Publishers	Image pg. A41
	ODONNFLL LUR	R. L. Polk Co. Publishers	Image pg. A41
	RICHER PAUL	R. L. Polk Co. Publishers	Image pg. A41
	METCALF IVA C MRS	R. L. Polk Co. Publishers	Image pg. A41
	MICHELSON TOM	R. L. Polk Co. Publishers	Image pg. A41
	CROM TILLIE	R. L. Polk Co. Publishers	Image pg. A41
	LEE EDITH MRS	R. L. Polk Co. Publishers	Image pg. A41
	MILLS CLYDE J	R. L. Polk Co. Publishers	Image pg. A41
	MIEHE PHYLLIS P	R. L. Polk Co. Publishers	Image pg. A41
	KAY JESSIE	R. L. Polk Co. Publishers	Image pg. A41
	SMITH LEO	R. L. Polk Co. Publishers	Image pg. A41
	SANDBERG HERMAN F	R. L. Polk Co. Publishers	Image pg. A41
	STOLZENBACH EDNA C	R. L. Polk Co. Publishers	Image pg. A41
	IRELAND HERBERT	R. L. Polk Co. Publishers	Image pg. A41

Year	Uses	Source	
1970	DUGAN ELLA MRS	R. L. Polk Co. Publishers	Image pg. A41
	REDDING GEO E	R. L. Polk Co. Publishers	Image pg. A41
	HOLCOMB MELVIN	R. L. Polk Co. Publishers	Image pg. A41
	JOHNSON CHARLOTTE MRS	R. L. Polk Co. Publishers	Image pg. A41
	GENSHEIMER ELS	R. L. Polk Co. Publishers	Image pg. A41
	BRISTOW BESSIE MRS MRS	R. L. Polk Co. Publishers	Image pg. A41
	MANN ROBT C	R. L. Polk Co. Publishers	Image pg. A41
	VON HOENE MINNIE MRS	R. L. Polk Co. Publishers	Image pg. A41

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Year	Uses	Source
2014	ADVANCED SECURITY INC	EDR Digital Archive
	CHASE JONES & ASSOCIATES INC	EDR Digital Archive
2010	CHASE JONES & ASSOCIATES INC	EDR Digital Archive
	ADVANCED SECURITY INC	EDR Digital Archive

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Year	Uses	Source	
1985	& Referral	R. L. Polk and Co. Publishers	Image pg. A9
	Coordinating Council	R. L. Polk and Co. Publishers	Image pg. A9
	U S Dept Of Agri Child	R. L. Polk and Co. Publishers	Image pg. A9
	Nutrition Program	R. L. Polk and Co. Publishers	Image pg. A9
	U S D A Child Care Information	R. L. Polk and Co. Publishers	Image pg. A9
	U S Dept Of Agri Child Care	R. L. Polk and Co. Publishers	Image pg. A9
1981	Vacant	R.L. Polk Co. Publishers	Image pg. A20
1975	Needs Program City Ofc	R. L. Polk and Co. Publishers	Image pg. A30
1970	VACANT	R. L. Polk Co. Publishers	Image pg. A41
	PORTLAND ASSOCIATION OF TEACHERS	R. L. Polk Co. Publishers	Image pg. A41

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Year	Uses	Source	
1985	Hare Doktor V W Service	R. L. Polk and Co. Publishers	Image pg. A9
1981	Portland Press Ship & Rec	R.L. Polk Co. Publishers	Image pg. A20
1975	Portland Press Ship & Rec	R. L. Polk and Co. Publishers	Image pg. A30

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Year	Uses	Source
2014	GOURMET COFFEE SYSTEMS INC	EDR Digital Archive
2010	GOURMET COFFEE SYSTEMS INC	EDR Digital Archive

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Year	Uses	Source	
1985	Andrews Martha P Mrs archt	R. L. Polk and Co. Publishers	Image pg. A9
	Andrews James E archt	R. L. Polk and Co. Publishers	Image pg. A9
1975	Graphics Three graphic design	R. L. Polk and Co. Publishers	Image pg. A30
1970	DICKENSHEETS 6 POTTER FOODBPOKERS	R. L. Polk Co. Publishers	Image pg. A41
1965	DICKENSHEETS C POTTER FOODOBROKERS	R.L.Polk Co.	Image pg. A53

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Year	Uses	Source	
1970	NO RETURN	R. L. Polk Co. Publishers	Image pg. A41
1965	COLUMBIA EXPORTERS INC	R.L.Polk Co.	Image pg. A53

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Year	Uses	Source	
1985	Vacant	R. L. Polk and Co. Publishers	Image pg. A9

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Year	Uses	Source	
1965	COUNTY GARAGE	R.L.Polk Co.	Image pg. A53

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Year	Uses	Source	
1965	GARDENERS I RANCHERS ASSN M C R PRODUCE INC	R.L.Polk Co.	Image pg. A53

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Year	Uses	Source	
1985	Vacant	R. L. Polk and Co. Publishers	Image pg. A9

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Year	Uses	Source
2010	DETERS DENNIS	EDR Digital Archive

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Year	Uses	Source	
1985	Gardeners & Ranchers Associates	R. L. Polk and Co. Publishers	Image pg. A9
	Najdek Produce Co Inc	R. L. Polk and Co. Publishers	Image pg. A9
	M & R Pacific Inc prod merchants	R. L. Polk and Co. Publishers	Image pg. A9
1975	M & R Produce Inc	R. L. Polk and Co. Publishers	Image pg. A30
1970	GARDENERS C RANCHERS	R. L. Polk Co. Publishers	Image pg. A41
	ASSOCIATION M E R PRODUCE INC	R. L. Polk Co. Publishers	Image pg. A41

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Year	Uses	Source	
1981	Gardeners And Ranchers Assoc	R.L. Polk Co. Publishers	Image pg. A20
	M & R Pacific Inc	R.L. Polk Co. Publishers	Image pg. A20

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Year	Uses	Source
2014	GONE PRODUCTIONS LLC	EDR Digital Archive
2010	ISG WIRELESS	EDR Digital Archive

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Year	Uses	Source	
1985	Rodgers Co Wholesale	R. L. Polk and Co. Publishers	Image pg. A9
1981	Rodgers Co Whee	R.L. Polk Co. Publishers	Image pg. A20
1975	Rodgers Co Whse	R. L. Polk and Co. Publishers	Image pg. A30
1970	RODGERS CO WHOL VARIETY	R. L. Polk Co. Publishers	Image pg. A41
1965	RODGERS CO WHOL VARIETY	R.L.Polk Co.	Image pg. A53

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Year	Uses	Source
2014	G X I INC	EDR Digital Archive
	TABORDALE LLC	EDR Digital Archive
	MARIANNE ZRKIN LDSCP ARCHT LLC	EDR Digital Archive
2010	TABORDALE LLC	EDR Digital Archive
	G X I INC	EDR Digital Archive

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Year	Uses	Source	
1985	King Of Sprouts prod	R. L. Polk and Co. Publishers	Image pg. A9
1981	Rebuilders Warehouse auto sup	R.L. Polk Co. Publishers	Image pg. A20
1975	Oregon Horticultural Sup	R. L. Polk and Co. Publishers	Image pg. A30
1970	NORTHWEST METAL PRODUCTS CO	R. L. Polk Co. Publishers	Image pg. A41
1965	OREGON ROOFER S SUPPLIES INC WHOL DISTR	R.L.Polk Co.	Image pg. A53

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Year	Uses	Source
1946	Lang John L r	The Pacific Telephone and Telegraph Company

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Year	Uses	Source
1946	Olson M E r	The Pacific Telephone and Telegraph Company

615 SE 11TH WAY

Year	Uses	Source
1946	Condit Ida Mrs r	The Pacific Telephone and Telegraph Company

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Year	Uses	Source
1946	Paris E S Mrs r	The Pacific Telephone and Telegraph Company

FINDINGS

711 SE 11TH WAY

Year	Uses	Source
1992	LACHER Andrew	US WEST DIRECT
	ABSW AM	US WEST DIRECT
	FEARL Michael J	US WEST DIRECT
	MONTOYA Jeremy	US WEST DIRECT
1946	Shontz Harry O r	The Pacific Telephone and Telegraph Company
	Wardrop Donna r	The Pacific Telephone and Telegraph Company
	Hazen Burton L r	The Pacific Telephone and Telegraph Company
	Melcliffe Court Apts	The Pacific Telephone and Telegraph Company
	Miles P L r	The Pacific Telephone and Telegraph Company
	Moser S H r	The Pacific Telephone and Telegraph Company
	Robinson Arthur M r	The Pacific Telephone and Telegraph Company

1010 SE 11TH WAY

Year	Uses	Source
1946	Froskist Ice Cream Co	The Pacific Telephone and Telegraph Company

SE 12

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Year	Uses	Source
1946	Cordano Catherine B r	The Pacific Telephone and Telegraph Company

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Year	Uses	Source
1946	Luukinen John r	The Pacific Telephone and Telegraph Company
	Kotteman W G r	The Pacific Telephone and Telegraph Company
	Herrnberger Clyde S r	The Pacific Telephone and Telegraph Company
	Tallman Harold A r	The Pacific Telephone and Telegraph Company

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Year	Uses	Source
1946	Crosby Rose Mrs r	The Pacific Telephone and Telegraph Company

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Year	Uses	Source
1946	Wetle Radiator Shop	The Pacific Telephone and Telegraph Company

817 SE 12

Year	Uses	Source
1946	Redman Edw L r	The Pacific Telephone and Telegraph Company

821 SE 12

Year	Uses	Source
1946	Bell Mavis r	The Pacific Telephone and Telegraph Company

823 SE 12

Year	Uses	Source
1946	Hiller G L	The Pacific Telephone and Telegraph Company

830 SE 12

Year	Uses	Source
1946	St Davids Episcopal Church	The Pacific Telephone and Telegraph Company

924 SE 12

Year	Uses	Source
1946	Miller Frank r	The Pacific Telephone and Telegraph Company

943 SE 12

Year	Uses	Source
1946	Kipers Paul r	The Pacific Telephone and Telegraph Company

1015 SE 12

Year	Uses	Source
1946	Mougey A B r	The Pacific Telephone and Telegraph Company
	Brown Milton V r	The Pacific Telephone and Telegraph Company

FINDINGS

1016 SE 12

Year	Uses	Source
1946	Fong Geo	The Pacific Telephone and Telegraph Company

1024 SE 12

Year	Uses	Source
1946	Morando A J r	The Pacific Telephone and Telegraph Company

1025 SE 12

Year	Uses	Source
1946	Shanahan Idonia r	The Pacific Telephone and Telegraph Company

1028 SE 12

Year	Uses	Source
1946	Twelfth Ave Grocery	The Pacific Telephone and Telegraph Company

SE 12TH AVE

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Year	Uses	Source	
1985	Stoppelcamp Margt A	R. L. Polk and Co. Publishers	Image pg. A10
1981	Stoppelcamp Margt A	R.L. Polk Co. Publishers	Image pg. A21
1975	Stoppelcamp Margt A	R. L. Polk and Co. Publishers	Image pg. A31
1970	STOPPELCAMP MARGT A	R. L. Polk Co. Publishers	Image pg. A42
1965	STOPPELCAMP MARGT A a	R.L.Polk Co.	Image pg. A54

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Year	Uses	Source	
1965	CLIVARES PHILIPE	R.L.Polk Co.	Image pg. A54

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619 SE 12th Ave

Year	Uses	Source
2014	IRVINGTON BUILDING SUPPLY LLC	EDR Digital Archive
2010	LZB INC	EDR Digital Archive
	CRAIG D WIESBERG AND CALVIN R	EDR Digital Archive

FINDINGS

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Year	Uses	Source
2014	DYADIC IRON WORKS INC	EDR Digital Archive
2010	DYADIC IRON WORKS INC	EDR Digital Archive

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Year	Uses	Source	
1985	Skil Corporation power tools	R. L. Polk and Co. Publishers	Image pg. A10
1981	Colins Leone H Mrs	R.L. Polk Co. Publishers	Image pg. A21
1975	Collins Leone H Mrs	R. L. Polk and Co. Publishers	Image pg. A31
1970	COLLINS LEWIS H	R. L. Polk Co. Publishers	Image pg. A42
1965	COLLINS LEWIS H	R.L.Polk Co.	Image pg. A54

SE 12th Ave

633 SE 12th Ave

Year	Uses	Source
2014	DEE TEE INC	EDR Digital Archive
	D & J IMPORTS	EDR Digital Archive
2010	DEE TEE INC	EDR Digital Archive
	D & J IMPORTS	EDR Digital Archive

SE 12TH AVE

633 SE 12TH AVE

Year	Uses	Source	
1985	Campbell Industrial Supply	R. L. Polk and Co. Publishers	Image pg. A10
1981	Campbell Industrial Supply	R.L. Polk Co. Publishers	Image pg. A21

635 SE 12TH AVE

Year	Uses	Source	
1970	FOSTER DON	R. L. Polk Co. Publishers	Image pg. A42
1965	MORRIS CLYDE M	R.L.Polk Co.	Image pg. A54

637 SE 12TH AVE

Year	Uses	Source	
1965	HAMLIN ORVILLE C	R.L.Polk Co.	Image pg. A54

FINDINGS

704 SE 12TH AVE

Year	Uses	Source	
1970	STREET CONTINUED	R. L. Polk Co. Publishers	Image pg. A42
	BROWN JACK B	R. L. Polk Co. Publishers	Image pg. A42
	VOSS DENNIS	R. L. Polk Co. Publishers	Image pg. A42
	GONZALEZ MAR	R. L. Polk Co. Publishers	Image pg. A42
	KOMLOFSKE LLOYD	R. L. Polk Co. Publishers	Image pg. A42
	STUART MARY APARTMENTS	R. L. Polk Co. Publishers	Image pg. A42
	BSMT PRICE RICHO M	R. L. Polk Co. Publishers	Image pg. A42
1965	STUART MARY APARTMENTS	R.L.Polk Co.	Image pg. A54
	BSMT PRICE RICHO M	R.L.Polk Co.	Image pg. A54
	VACANT	R.L.Polk Co.	Image pg. A54
	STREET CONTINUED	R.L.Polk Co.	Image pg. A54
	STUART MARY APARTMENTS	R.L.Polk Co.	Image pg. A54
	OLIVER LARRY H S KREGER MARJORIE	R.L.Polk Co.	Image pg. A54

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707 SE 12th Ave

Year	Uses	Source
2014	RIMSKY-KORSAKOFFEE HOUSE	EDR Digital Archive
2010	RIMSKY-KORSAKOFFEE HOUSE	EDR Digital Archive
	GUDRUN CABLE	EDR Digital Archive

SE 12TH AVE

707 SE 12TH AVE

Year	Uses	Source	
1985	Rimsky Korsakoffee House restr	R. L. Polk and Co. Publishers	Image pg. A10
1981	Vacant	R.L. Polk Co. Publishers	Image pg. A21
1975	ONeil Eva G Mrs	R. L. Polk and Co. Publishers	Image pg. A31
1970	ONEIL EVA G MRS	R. L. Polk Co. Publishers	Image pg. A42
1965	ONEIL EVA G MRS	R.L.Polk Co.	Image pg. A54

716 SE 12TH AVE

Year	Uses	Source	
1970	HORIZODI TYPE COMPOSITION	R. L. Polk Co. Publishers	Image pg. A42

FINDINGS

720 SE 12TH AVE

Year	Uses	Source	
1965	JACQUES LENORE L MRS	R.L.Polk Co.	Image pg. A54

SE 12th Ave

735 SE 12th Ave

Year	Uses	Source
2014	PLAID PANTRIES INC	EDR Digital Archive
2010	PLAID PANTRIES INC	EDR Digital Archive

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735 SE 12TH AVE

Year	Uses	Source	
1985	Plaid Pantry Market No	R. L. Polk and Co. Publishers	Image pg. A10

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824 SE 12th Ave

Year	Uses	Source
2010	IMPACT NORTH WEST	EDR Digital Archive

909 SE 12th Ave

Year	Uses	Source
2014	BRADSHAW SERVICE CENTER	EDR Digital Archive
2010	BRADSHAW SERVICE CENTER	EDR Digital Archive

SE 12TH AVE

909 SE 12TH AVE

Year	Uses	Source	
1985	Safelite Auto Glass sun roofs	R. L. Polk and Co. Publishers	Image pg. A10
1981	General Tire Service	R.L. Polk Co. Publishers	Image pg. A21
1975	General Tire Service	R. L. Polk and Co. Publishers	Image pg. A31
1970	GENERAL TIRE SERVICE	R. L. Polk Co. Publishers	Image pg. A42
1965	GENERAL TIRE SERVICE 234 7 S	R.L.Polk Co.	Image pg. A54

914 SE 12TH AVE

Year	Uses	Source	
1985	Murphy	R. L. Polk and Co. Publishers	Image pg. A10
1981	Smith Ann	R.L. Polk Co. Publishers	Image pg. A21

FINDINGS

Year	Uses	Source	
1975	Mc Elhenny Cecile C Mrs	R. L. Polk and Co. Publishers	Image pg. A31
	Hatfield Arden D	R. L. Polk and Co. Publishers	Image pg. A31
	Bricker Wm D	R. L. Polk and Co. Publishers	Image pg. A31
1970	TWILLIAGER LUCIANE MRS	R. L. Polk Co. Publishers	Image pg. A42
	MC ELHENNY CECILE C MRS	R. L. Polk Co. Publishers	Image pg. A42
	HATFIELD ARDEN D JR	R. L. Polk Co. Publishers	Image pg. A42

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915 SE 12th Ave

Year	Uses	Source
2014	TOMMYS WINDOW TINTING	EDR Digital Archive
2010	TOMMYS WINDOW TINTING	EDR Digital Archive

SE 12TH AVE

915 SE 12TH AVE

Year	Uses	Source	
1985	muffler repr	R. L. Polk and Co. Publishers	Image pg. A10
	Eds Mufflers Unlimited Inc	R. L. Polk and Co. Publishers	Image pg. A10

924 SE 12TH AVE

Year	Uses	Source	
1975	Lane Walter V	R. L. Polk and Co. Publishers	Image pg. A31
1970	LANE WALTER V	R. L. Polk Co. Publishers	Image pg. A42
1965	LANE WALTER	R.L.Polk Co.	Image pg. A54

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Year	Uses	Source	
1985	D Muzzano Kathy	R. L. Polk and Co. Publishers	Image pg. A10
	C Vacant	R. L. Polk and Co. Publishers	Image pg. A10
	B No Return	R. L. Polk and Co. Publishers	Image pg. A10
	A De Coteau Mary	R. L. Polk and Co. Publishers	Image pg. A10
	Yamhill Comer Apts	R. L. Polk and Co. Publishers	Image pg. A10
	Apartments	R. L. Polk and Co. Publishers	Image pg. A10
	Johnson Laura	R. L. Polk and Co. Publishers	Image pg. A10
1981	C Vacant	R.L. Polk Co. Publishers	Image pg. A21
	B Rockwell E	R.L. Polk Co. Publishers	Image pg. A21
	A Nguyen Phu Van	R.L. Polk Co. Publishers	Image pg. A21
	Vacant	R.L. Polk Co. Publishers	Image pg. A21

Year	Uses	Source	
1981	Apartments	R.L. Polk Co. Publishers	Image pg. A21
	D Nguyen Sau Van	R.L. Polk Co. Publishers	Image pg. A21
1975	D Vacant	R. L. Polk and Co. Publishers	Image pg. A31
	B Barclay Veda	R. L. Polk and Co. Publishers	Image pg. A31
	A Rockwell E	R. L. Polk and Co. Publishers	Image pg. A31
	Apartments	R. L. Polk and Co. Publishers	Image pg. A31
1970	VACANT	R. L. Polk Co. Publishers	Image pg. A42
1965	VACANT	R.L.Polk Co.	Image pg. A54

SE 12th Ave

945 SE 12th Ave

Year	Uses	Source
2014	TVG INC	EDR Digital Archive
2010	TVG INC	EDR Digital Archive
	CURBO ENTERPRISES INC	EDR Digital Archive

SE 12TH AVE

945 SE 12TH AVE

Year	Uses	Source	
1985	truck repr	R. L. Polk and Co. Publishers	Image pg. A10
	Simmons Jerry Auto Body auto	R. L. Polk and Co. Publishers	Image pg. A10

954 SE 12TH AVE

Year	Uses	Source	
1965	MC SLHENNY CECILE C MRS	R.L.Polk Co.	Image pg. A54

SE 12th Ave

1000 SE 12th Ave

Year	Uses	Source
2014	A ROADSIDE ATTRACTION LLC	EDR Digital Archive
2010	A ROADSIDE ATTRACTION LLC	EDR Digital Archive

SE 12TH AVE

1000 SE 12TH AVE

Year	Uses	Source	
1985	contrs	R. L. Polk and Co. Publishers	Image pg. A10
	Kennedy Construction Co bldg	R. L. Polk and Co. Publishers	Image pg. A10

FINDINGS

Year	Uses	Source	
1985	cleaning & decorating	R. L. Polk and Co. Publishers	Image pg. A10
	Kennedy Cleaning & Decorating	R. L. Polk and Co. Publishers	Image pg. A10
1981	contra	R.L. Polk Co. Publishers	Image pg. A21
	Kennedy Construction Co bldg	R.L. Polk Co. Publishers	Image pg. A21
	Kennedy Cleaning & Decorating	R.L. Polk Co. Publishers	Image pg. A21
1975	contra	R. L. Polk and Co. Publishers	Image pg. A31
	Kennedy Construction Co bldg	R. L. Polk and Co. Publishers	Image pg. A31
1970	BROWN J E CO PNTRS	R. L. Polk Co. Publishers	Image pg. A42
1965	BROWN J E CO PNTRS	R.L.Polk Co.	Image pg. A54

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1007 SE 12th Ave

Year	Uses	Source
2010	GROUNDSWELL DESIGNSOURCE	EDR Digital Archive

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1007 SE 12TH AVE

Year	Uses	Source	
1985	Thompson Virginia A	R. L. Polk and Co. Publishers	Image pg. A10
	Candelier Shop The antiques	R. L. Polk and Co. Publishers	Image pg. A10
1981	Candelier Shop The antiques	R.L. Polk Co. Publishers	Image pg. A21
	Thompson Virginia A	R.L. Polk Co. Publishers	Image pg. A21
1975	Thompson Virginia A	R. L. Polk and Co. Publishers	Image pg. A31
	Candelier Shop The antiques	R. L. Polk and Co. Publishers	Image pg. A31
1970	THOMPSON VIRGINIA A	R. L. Polk Co. Publishers	Image pg. A42
	CANDELIER SHOP THE ANTIQUES	R. L. Polk Co. Publishers	Image pg. A42
1965	THOMPSON VIRGINIA A S	R.L.Polk Co.	Image pg. A54
	CANOELIER SHOP THE ANTIQUES	R.L.Polk Co.	Image pg. A54

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Year	Uses	Source	
1965	ROTHELL JACK	R.L.Polk Co.	Image pg. A54

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1016 SE 12th Ave

Year	Uses	Source
2014	CASCADIA COMMUNICATIONS	EDR Digital Archive

FINDINGS

Year	Uses	Source
2014	CULTURE SEEDS LLC	EDR Digital Archive
	LEAH HANSEN LMT	EDR Digital Archive
	ROBERTSON BETSY LMT	EDR Digital Archive
	MARY JANE OROURKE	EDR Digital Archive
	OPEN MIND MEDICINE	EDR Digital Archive
	MONTGOMERY JESSICA C MSW	EDR Digital Archive
	ELIZABETH ELLEN JOHN	EDR Digital Archive
	LIVIA LEE ND	EDR Digital Archive
	WISHING WELL HYPNOSIS	EDR Digital Archive
	SUSAN HAWES LMT	EDR Digital Archive
2010	MARY JANE OROURKE	EDR Digital Archive
	OPEN MIND MEDICINE	EDR Digital Archive
	ROBERTSON BETSY LMT	EDR Digital Archive
	CASCADIA COMMUNICATIONS	EDR Digital Archive

SE 12TH AVE

1016 SE 12TH AVE

Year	Uses	Source	
1985	Chin Bill	R. L. Polk and Co. Publishers	Image pg. A10
1981	Chin Bill	R.L. Polk Co. Publishers	Image pg. A21
1975	Chin Bill	R. L. Polk and Co. Publishers	Image pg. A31
1970	JORGENSEN PETER M	R. L. Polk Co. Publishers	Image pg. A42
1965	JORGENSEN PETER M	R.L.Polk Co.	Image pg. A54

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Year	Uses	Source	
1985	Ping Wong	R. L. Polk and Co. Publishers	Image pg. A10
	No Return	R. L. Polk and Co. Publishers	Image pg. A10
	Forsty Edw	R. L. Polk and Co. Publishers	Image pg. A10
	No Return	R. L. Polk and Co. Publishers	Image pg. A10
	Apartments	R. L. Polk and Co. Publishers	Image pg. A10
1981	Apartments	R.L. Polk Co. Publishers	Image pg. A21
	I Brookover Marie	R.L. Polk Co. Publishers	Image pg. A21
	Forsty Edw	R.L. Polk Co. Publishers	Image pg. A21
	Chung Hop	R.L. Polk Co. Publishers	Image pg. A21
	Vacant	R.L. Polk Co. Publishers	Image pg. A21
1975	Apartments	R. L. Polk and Co. Publishers	Image pg. A31
	Jorgensen Peter M	R. L. Polk and Co. Publishers	Image pg. A31

FINDINGS

Year	Uses	Source	
1975	Latham Ann A Mrs	R. L. Polk and Co. Publishers	Image pg. A31
	Vacant	R. L. Polk and Co. Publishers	Image pg. A31
	Wall Steven	R. L. Polk and Co. Publishers	Image pg. A31
1970	APARTMENTS	R. L. Polk Co. Publishers	Image pg. A42
	VACANT	R. L. Polk Co. Publishers	Image pg. A42
	LATHON ANN	R. L. Polk Co. Publishers	Image pg. A42
	MC LAUGHLIN KENNETH	R. L. Polk Co. Publishers	Image pg. A42
	VACANT	R. L. Polk Co. Publishers	Image pg. A42
	STREET CONTINUED	R. L. Polk Co. Publishers	Image pg. A42
1965	STREET CONTINUED	R.L.Polk Co.	Image pg. A54
	NAIDA LOLA MRS	R.L.Polk Co.	Image pg. A54
	BELLANGER MARY L MRS	R.L.Polk Co.	Image pg. A54
	ROE LEONARD D	R.L.Polk Co.	Image pg. A54
	SCHULZ ANGIE F	R.L.Polk Co.	Image pg. A54
	APARTMENTS	R.L.Polk Co.	Image pg. A54

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Year	Uses	Source	
1985	Apartments	R. L. Polk and Co. Publishers	Image pg. A10
	Nosten C	R. L. Polk and Co. Publishers	Image pg. A10
	Hults Ben	R. L. Polk and Co. Publishers	Image pg. A10
	Donan Ererett	R. L. Polk and Co. Publishers	Image pg. A10
	Akins Don	R. L. Polk and Co. Publishers	Image pg. A10
	Reich John	R. L. Polk and Co. Publishers	Image pg. A10
1981	Apartments	R.L. Polk Co. Publishers	Image pg. A21
	I Hobson Judy	R.L. Polk Co. Publishers	Image pg. A21
	De Biose Pat	R.L. Polk Co. Publishers	Image pg. A21
	Rymer Ron	R.L. Polk Co. Publishers	Image pg. A21
	Magaw James	R.L. Polk Co. Publishers	Image pg. A21
	Lee Robt	R.L. Polk Co. Publishers	Image pg. A21
1975	Apartments	R. L. Polk and Co. Publishers	Image pg. A31
	Milner Anna Mrs	R. L. Polk and Co. Publishers	Image pg. A31
	Locke Chad	R. L. Polk and Co. Publishers	Image pg. A31
	Jay Christopher	R. L. Polk and Co. Publishers	Image pg. A31
	Albright Lee	R. L. Polk and Co. Publishers	Image pg. A31
	Vacant	R. L. Polk and Co. Publishers	Image pg. A31
	Barnes B	R. L. Polk and Co. Publishers	Image pg. A31
1970	HOLMES HOWARD	R. L. Polk Co. Publishers	Image pg. A42
	MARTELL DALE	R. L. Polk Co. Publishers	Image pg. A42

FINDINGS

Year	Uses	Source	
1970	MILLER HAROLD	R. L. Polk Co. Publishers	Image pg. A42
	ZEILKF JOHN	R. L. Polk Co. Publishers	Image pg. A42
	NO RETURN	R. L. Polk Co. Publishers	Image pg. A42
	VACANT	R. L. Polk Co. Publishers	Image pg. A42
	ARTHUR JAMES K	R. L. Polk Co. Publishers	Image pg. A42
	BRYANT FRAZIER	R. L. Polk Co. Publishers	Image pg. A42
	SMELSER FRED	R. L. Polk Co. Publishers	Image pg. A42
	VACANT	R. L. Polk Co. Publishers	Image pg. A42
	OPOKA LARRY	R. L. Polk Co. Publishers	Image pg. A42
	BRYER RICHD	R. L. Polk Co. Publishers	Image pg. A42
1965	APARTMENTS	R.L.Polk Co.	Image pg. A54
	APARTMENTS	R.L.Polk Co.	Image pg. A54
	HUNT BETTY MRS	R.L.Polk Co.	Image pg. A54
	MC CACHRAN DAVID	R.L.Polk Co.	Image pg. A54
	HUNT HAROLD	R.L.Polk Co.	Image pg. A54
	AGNER JAMES	R.L.Polk Co.	Image pg. A54
	JENSEN JAKE	R.L.Polk Co.	Image pg. A54

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1028 SE 12th Ave

Year	Uses	Source
2014	BASEMENT PUBLIC HOUSE	EDR Digital Archive
	HARHAR INC	EDR Digital Archive
2010	BASEMENT PUBLIC HOUSE	EDR Digital Archive
	HARHAR INC	EDR Digital Archive

SE 12TH AVE

1028 SE 12TH AVE

Year	Uses	Source	
1985	Nancy Jade Market gro	R. L. Polk and Co. Publishers	Image pg. A10
1981	Nancy Jade Market gro	R.L. Polk Co. Publishers	Image pg. A21
1975	Nancy J Market gro	R. L. Polk and Co. Publishers	Image pg. A31
1970	HUMPHREY ERNEST	R. L. Polk Co. Publishers	Image pg. A42
1965	HOYEZ CATH MRS	R.L.Polk Co.	Image pg. A54
	C & I GROCERY	R.L.Polk Co.	Image pg. A54

FINDINGS

SE 12th Ave

1035 SE 12th Ave

Year	Uses	Source
2014	ALICIA NAGEL CREATIVE LLC	EDR Digital Archive
2010	ALICIA NAGEL CREATIVE LLC	EDR Digital Archive

SE 12TH WAY

603 SE 12TH WAY

Year	Uses	Source
1992	STOPPELCAMP Margaret A	US WEST DIRECT

623 SE 12TH WAY

Year	Uses	Source
1946	Collins Lewis H r	The Pacific Telephone and Telegraph Company

637 SE 12TH WAY

Year	Uses	Source
1946	Hamlin O C r	The Pacific Telephone and Telegraph Company

707 SE 12TH WAY

Year	Uses	Source
1946	Graves Norma r	The Pacific Telephone and Telegraph Company
	ONeil Chas H r	The Pacific Telephone and Telegraph Company

717 SE 12TH WAY

Year	Uses	Source
1946	Herren W M r	The Pacific Telephone and Telegraph Company

728 SE 12TH WAY

Year	Uses	Source
1946	Durham Geo C r	The Pacific Telephone and Telegraph Company

914 SE 12TH WAY

Year	Uses	Source
1946	Stamps J M r	The Pacific Telephone and Telegraph Company

FINDINGS

1007 SE 12TH WAY

Year	*Uses*	*Source*
1992	THOMPSON V A	US WEST DIRECT
1946	Thompson R W r	The Pacific Telephone and Telegraph Company

1016 SE 12TH WAY

Year	*Uses*	*Source*
1992	CHIN Bill	US WEST DIRECT

1024 SE 12TH WAY

Year	*Uses*	*Source*
1992	BUSSING James	US WEST DIRECT
	LOVATO Joe	US WEST DIRECT

1025 SE 12TH WAY

Year	*Uses*	*Source*
1992	BERGSTROM Russell A	US WEST DIRECT

1028 SE 12TH WAY

Year	*Uses*	*Source*
1992	SHIM Ui	US WEST DIRECT

SE 13

823 SE 13

Year	*Uses*	*Source*
1946	Rex Arms Grocery	The Pacific Telephone and Telegraph Company

923 SE 13

Year	*Uses*	*Source*
1946	Gradke Rosella r	The Pacific Telephone and Telegraph Company
	Mitchell Elizabeth A r	The Pacific Telephone and Telegraph Company

SE 13TH

739 SE 13TH

Year	*Uses*	*Source*
1992	JOHNSON John W	US WEST DIRECT

FINDINGS

951 SE 13TH

Year	Uses	Source
1992	SOLANO Alvaro	US WEST DIRECT

SE 13TH AVE

812 SE 13TH AVE

Year	Uses	Source	
1985	Zells Cafe Addl Space	R. L. Polk and Co. Publishers	Image pg. A11
1975	Bostitch Stapler & Nailer Co	R. L. Polk and Co. Publishers	Image pg. A32
1970	B 22 BRINKMAN JAMES N	R. L. Polk Co. Publishers	Image pg. A43
	DRAPERIES	R. L. Polk Co. Publishers	Image pg. A43
	SPECIALIZED QUILTING	R. L. Polk Co. Publishers	Image pg. A43
1965	VACANT	R.L.Polk Co.	Image pg. A55

SE 13th Ave

822 SE 13th Ave

Year	Uses	Source
2014	HOVERCRAFT STUDIO LLC	EDR Digital Archive

SE 13TH AVE

822 SE 13TH AVE

Year	Uses	Source	
1985	Morgan Thos W	R. L. Polk and Co. Publishers	Image pg. A11
1981	Morgan Thos W	R.L. Polk Co. Publishers	Image pg. A22
1975	Goodmn Sally	R. L. Polk and Co. Publishers	Image pg. A32
1965	LUCK HARLAN D CONSULTING ENG	R.L.Polk Co.	Image pg. A55

SE 13th Ave

900 SE 13th Ave

Year	Uses	Source
2014	PIRONI LLC	EDR Digital Archive
2010	MLOU CHRIST APOSTROPHE	EDR Digital Archive
	ONYVA LLC	EDR Digital Archive
	PIRONI LLC	EDR Digital Archive
	CUFF PLUS LLC	EDR Digital Archive

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SE 13TH AVE

900 SE 13TH AVE

Year	Uses	Source	
1985	Durland Coe I	R. L. Polk and Co. Publishers	Image pg. A11
1981	Durland Coe I	R.L. Polk Co. Publishers	Image pg. A22
1975	Durland Coe I	R. L. Polk and Co. Publishers	Image pg. A32
1970	HUNT N LEE MRS	R. L. Polk Co. Publishers	Image pg. A43
1965	ALLIE VIOLA MRS	R.L.Polk Co.	Image pg. A55

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904 SE 13th Ave

Year	Uses	Source
2014	SOCIAL SPIRITS LLC	EDR Digital Archive
2010	DEUCE ROCKWELL INC	EDR Digital Archive

SE 13TH AVE

904 SE 13TH AVE

Year	Uses	Source	
1985	Ramsay Carla D	R. L. Polk and Co. Publishers	Image pg. A11
1981	Ramsay Carla D	R.L. Polk Co. Publishers	Image pg. A22
1975	Ramsay Carla D	R. L. Polk and Co. Publishers	Image pg. A32
1970	HULBURT HARLOW R	R. L. Polk Co. Publishers	Image pg. A43
1965	HULBURT JESSIE M MRS	R.L.Polk Co.	Image pg. A55

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Year	Uses	Source	
1985	Vacant	R. L. Polk and Co. Publishers	Image pg. A11
1981	Vacant	R.L. Polk Co. Publishers	Image pg. A22
1975	Vacant	R. L. Polk and Co. Publishers	Image pg. A32
1970	NO RETURN	R. L. Polk Co. Publishers	Image pg. A43
1965	DAHL ANCY MRS	R.L.Polk Co.	Image pg. A55

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Year	Uses	Source	
1985	Belson Harold E	R. L. Polk and Co. Publishers	Image pg. A11
1981	Lindstrom Ursula L	R.L. Polk Co. Publishers	Image pg. A22
1975	Lidstrom Ed	R. L. Polk and Co. Publishers	Image pg. A32
1970	LIDSTROM ED	R. L. Polk Co. Publishers	Image pg. A43

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Year	Uses	Source	
1965	LIDSTR 20 M ED EXPANDED PLASTICS	R.L.Polk Co.	Image pg. A55

923 SE 13TH AVE

Year	Uses	Source	
1985	Apartments	R. L. Polk and Co. Publishers	Image pg. A11
	Dilles M	R. L. Polk and Co. Publishers	Image pg. A11
	Mc Adams Benny F calligrapher	R. L. Polk and Co. Publishers	Image pg. A11
	No Return	R. L. Polk and Co. Publishers	Image pg. A11
	Jones Clara B	R. L. Polk and Co. Publishers	Image pg. A11
1981	Apartments	R.L. Polk Co. Publishers	Image pg. A22
	Boswell Bruce	R.L. Polk Co. Publishers	Image pg. A22
	Laky Mat	R.L. Polk Co. Publishers	Image pg. A22
	Einbender D	R.L. Polk Co. Publishers	Image pg. A22
	Jones Clara B Mrs	R.L. Polk Co. Publishers	Image pg. A22
	Sigfrid Gene E	R.L. Polk Co. Publishers	Image pg. A22
1975	Apartmnents	R. L. Polk and Co. Publishers	Image pg. A32
	Vacant	R. L. Polk and Co. Publishers	Image pg. A32
	Johnson E T	R. L. Polk and Co. Publishers	Image pg. A32
	Slater Patk	R. L. Polk and Co. Publishers	Image pg. A32
	Jones Claire B	R. L. Polk and Co. Publishers	Image pg. A32
	Sigreid Gino	R. L. Polk and Co. Publishers	Image pg. A32
	Willhams M J	R. L. Polk and Co. Publishers	Image pg. A32
1970	VACANT	R. L. Polk Co. Publishers	Image pg. A43
	WARNER DONALD	R. L. Polk Co. Publishers	Image pg. A43
	JONES CLARA B	R. L. Polk Co. Publishers	Image pg. A43
	SADBERRY D M	R. L. Polk Co. Publishers	Image pg. A43
	APARTMENTS	R. L. Polk Co. Publishers	Image pg. A43
	FIELDS BETTE MRS	R. L. Polk Co. Publishers	Image pg. A43
	CADBURY CALVIN	R. L. Polk Co. Publishers	Image pg. A43
1965	APARTMENTS	R.L.Polk Co.	Image pg. A55
	I JOHNSON GARV C	R.L.Polk Co.	Image pg. A55
	ERNTSON BUNNETTA	R.L.Polk Co.	Image pg. A55
	HANSEN REX	R.L.Polk Co.	Image pg. A55
	VACANT	R.L.Polk Co.	Image pg. A55
	KNUTSON MARY A	R.L.Polk Co.	Image pg. A55
	VACANT	R.L.Polk Co.	Image pg. A55

FINDINGS

924 SE 13TH AVE

Year	Uses	Source	
1985	Westfall Richard B	R. L. Polk and Co. Publishers	Image pg. A11
1981	Brush Wanda L	R.L. Polk Co. Publishers	Image pg. A22
	A Vacant	R.L. Polk Co. Publishers	Image pg. A22
1975	Minmks L V	R. L. Polk and Co. Publishers	Image pg. A32
1970	SCIBETTA SAML F	R. L. Polk Co. Publishers	Image pg. A43
1965	SCIBETTA SAML F	R.L.Polk Co.	Image pg. A55

SE 13th Ave

1032 SE 13th Ave

Year	Uses	Source
2014	LA VANDE NAILS AND SPA	EDR Digital Archive

1036 SE 13th Ave

Year	Uses	Source
2014	BUOY LARUE	EDR Digital Archive
2010	BUOY LARUE	EDR Digital Archive

SE 13TH TER

900 SE 13TH TER

Year	Uses	Source
1946	Davis Hazel E Mrs r	The Pacific Telephone and Telegraph Company

904 SE 13TH TER

Year	Uses	Source
1992	CHRIST MLou & Curran	US WEST DIRECT
1946	Sundbom L F r	The Pacific Telephone and Telegraph Company

923 SE 13TH TER

Year	Uses	Source
1992	ROBINSON Michael	US WEST DIRECT
	BANICH Stephen	US WEST DIRECT
	SIGRID Gene E	US WEST DIRECT

FINDINGS

SE 14th Ave

821 SE 14th Ave

Year	Uses	Source
2010	NATURE CONSERVANCY	EDR Digital Archive

905 SE 14th Ave

Year	Uses	Source
2014	OREGON CTR FOR CLINCL INVSTMNT	EDR Digital Archive

SE 9th Ave

730 SE 9th Ave

Year	Uses	Source
2014	GENUINE PARTS COMPANY	EDR Digital Archive
2010	GENUINE PARTS COMPANY	EDR Digital Archive

SE 9TH AVE

730 SE 9TH AVE

Year	Uses	Source	
1985	accessories	R. L. Polk and Co. Publishers	Image pg. A12
	Genuine Parts Co auto parts	R. L. Polk and Co. Publishers	Image pg. A12
1975	Genuine Parts Co	R. L. Polk and Co. Publishers	Image pg. A33
1970	GENUINE PARTS CO	R. L. Polk Co. Publishers	Image pg. A44
1965	COLYEAR MOTOR SALES CO AUTO PARTS SUP WHOL	R.L.Polk Co.	Image pg. A56

740 SE 9TH AVE

Year	Uses	Source	
1985	Publicity Providers Inc adv	R. L. Polk and Co. Publishers	Image pg. A12
	counselors	R. L. Polk and Co. Publishers	Image pg. A12

793 SE 9TH AVE

Year	Uses	Source	
1970	s CARSON LLOYD E	R. L. Polk Co. Publishers	Image pg. A44

SE ALDER

1105 SE ALDER

Year	Uses	Source
1992	OROZCO Maria	US WEST DIRECT

FINDINGS

1122 SE ALDER

Year	Uses	Source	
1992	MANNON Delmar & Sheryl	US WEST DIRECT	

1167 SE ALDER

Year	Uses	Source	
1992	REMILLARD Daryl	US WEST DIRECT	

1237 SE ALDER

Year	Uses	Source	
1992	KRAUTSCHEID R M	US WEST DIRECT	

1272 SE ALDER

Year	Uses	Source	
1992	SIMONICK Geo	US WEST DIRECT	

1310 SE ALDER

Year	Uses	Source	
1992	STYFFE Richard	US WEST DIRECT	

SE ALDER ST

915 SE ALDER ST

Year	Uses	Source	
1970	BEIERI F L	R. L. Polk Co. Publishers	Image pg. A46

924 SE ALDER ST

Year	Uses	Source	
1946	Brinkosh Frankie r	The Pacific Telephone and Telegraph Company	

935 SE ALDER ST

Year	Uses	Source	
2005	Deca Inc	Cole Information Services	Image pg. A2

939 SE ALDER ST

Year	Uses	Source	
2005	I Egg Press	Cole Information Services	Image pg. A2
	Terrazign Inc	Cole Information Services	Image pg. A2
	Houser Works Lie	Cole Information Services	Image pg. A2
	Building	Cole Information Services	Image pg. A2
1965	VACANT	R.L.Polk Co.	Image pg. A57

FINDINGS

1027 SE ALDER ST

Year	Uses	Source	
1946	Stilwell Frances r	The Pacific Telephone and Telegraph Company	

1102 SE ALDER ST

Year	Uses	Source	
1977	Boyles Phillip M	R.L. Polk Co. Publishers	Image pg. A27

SE Alder St

1110 SE Alder St

Year	Uses	Source
2014	SHAMBHALA CENTER	EDR Digital Archive
	KON-A-WAY TIL-LI-KUM PC	EDR Digital Archive
	JLA PUBLIC INVOLVEMENT INC	EDR Digital Archive
	JAN SNYDER ALEXANDER	EDR Digital Archive
	DR CORA FORSTEN ND LAC	EDR Digital Archive
	ESSENTIAL FAMILY MEDICINE	EDR Digital Archive
2010	SIMONE BOOKKEEPING SVCS INC	EDR Digital Archive
	PORTLAND FED OF TEACHERS	EDR Digital Archive
	WESTERN FINANCIAL PLANNING	EDR Digital Archive
	JEANNE LAWSON ASSOCIATES INC	EDR Digital Archive
	KON-A-WAY TIL-LI-KUM PC	EDR Digital Archive
	SHAMBHALA CENTER	EDR Digital Archive

SE ALDER ST

1110 SE ALDER ST

Year	Uses	Source	
2005	Portland Federation of Teachers Clas	Cole Information Services	Image pg. A2
	Representative +o	Cole Information Services	Image pg. A2
	Portland Federation of Teachers Clas	Cole Information Services	Image pg. A2
	Manager	Cole Information Services	Image pg. A2
	Jeanne Lawson Associates Inc	Cole Information Services	Image pg. A2
	Building	Cole Information Services	Image pg. A2
	IIOSEShambhala Meditation Center	Cole Information Services	Image pg. A2
	Wescor	Cole Information Services	Image pg. A2
	Western Financial Planning	Cole Information Services	Image pg. A2
1992	WHIPPLE Jay W atty	US WEST DIRECT	
1985	Child Care Coordinating Council	R. L. Polk and Co. Publishers	Image pg. A13

FINDINGS

Year	Uses	Source	
1985	Vestpocket Housing Of Oregon	R. L. Polk and Co. Publishers	Image pg. A13
	G A Insurance Co	R. L. Polk and Co. Publishers	Image pg. A13
	Medical Equipment Leasing	R. L. Polk and Co. Publishers	Image pg. A13
	Whipple Jay W Iwyr	R. L. Polk and Co. Publishers	Image pg. A13
	Means Villines Co The bldg contr	R. L. Polk and Co. Publishers	Image pg. A13
	Reach Community Development	R. L. Polk and Co. Publishers	Image pg. A13
	Inc youth servs	R. L. Polk and Co. Publishers	Image pg. A13
	Continental Credit Association	R. L. Polk and Co. Publishers	Image pg. A13
	colln agcy	R. L. Polk and Co. Publishers	Image pg. A13
	G A Investment Co real estate	R. L. Polk and Co. Publishers	Image pg. A13
	Milwaukie Computer Services Inc	R. L. Polk and Co. Publishers	Image pg. A13
	computer time sla	R. L. Polk and Co. Publishers	Image pg. A13
1981	P A C T Community Action Program youth center	R.L. Polk Co. Publishers	Image pg. A23
	Continental Credit	R.L. Polk Co. Publishers	Image pg. A23
	Milwaukee Computer Services Inc computer time als	R.L. Polk Co. Publishers	Image pg. A23
	Whipple Jay W Iwyr	R.L. Polk Co. Publishers	Image pg. A23
	Worthington Pump Corp contra sups & equip infre	R.L. Polk Co. Publishers	Image pg. A23
	Child Care Coordinating Council	R.L. Polk Co. Publishers	Image pg. A23
1975	Mc Faddin Lutton & Johansen	R. L. Polk and Co. Publishers	Image pg. A34
	bldg management	R. L. Polk and Co. Publishers	Image pg. A34
	Elmer Fox & Co acct	R. L. Polk and Co. Publishers	Image pg. A34
	Portland Metropolitan Steering	R. L. Polk and Co. Publishers	Image pg. A34
	Committee admn ofc mult co	R. L. Polk and Co. Publishers	Image pg. A34
	comm act agcy	R. L. Polk and Co. Publishers	Image pg. A34
	Worthmington Pump And	R. L. Polk and Co. Publishers	Image pg. A34
	Compressor Inc	R. L. Polk and Co. Publishers	Image pg. A34
1965	COUNTY PUB LIBRARY ESCH	R.L.Polk Co.	Image pg. A57
1946	East Portland Br	The Pacific Telephone and Telegraph Company	

1210 SE ALDER ST

Year	Uses	Source	
1970	INDUSTRIAL EQUIP MFRS	R. L. Polk Co. Publishers	Image pg. A45
	WORTHINGTON CORP HEAVY	R. L. Polk Co. Publishers	Image pg. A45
	MULT CO COMM ACT AGCY	R. L. Polk Co. Publishers	Image pg. A45
	STEERING COMMITTEE ADMN OFC	R. L. Polk Co. Publishers	Image pg. A45
	PORTLAND METROPOLITAN	R. L. Polk Co. Publishers	Image pg. A45

FINDINGS

Year	Uses	Source	
1970	MC FADDIN LUTTON & JOHANSEN ACCT	R. L. Polk Co. Publishers	Image pg. A45

1218 SE ALDER ST

Year	Uses	Source	
1970	GARCIA DOLORES M MRS	R. L. Polk Co. Publishers	Image pg. A45
1965	GARCIA DELORES M	R.L.Polk Co.	Image pg. A57
	FERGUSON FRANCES P MRS ROETTER PAUL R	R.L.Polk Co.	Image pg. A57
1946	Petterson Margaret r	The Pacific Telephone and Telegraph Company	

1224 SE ALDER ST

Year	Uses	Source	
1965	HAUGEN GEO R	R.L.Polk Co.	Image pg. A57
1946	Smith Cora B Mrs r	The Pacific Telephone and Telegraph Company	

1226 SE ALDER ST

Year	Uses	Source	
1965	CROMBIE JOHN	R.L.Polk Co.	Image pg. A57
1946	Wise Laird M r	The Pacific Telephone and Telegraph Company	

1234 SE ALDER ST

Year	Uses	Source	
1965	VACANT	R.L.Polk Co.	Image pg. A57
1946	Murray Ethel Mrs r	The Pacific Telephone and Telegraph Company	

1242 SE ALDER ST

Year	Uses	Source	
1970	BROWN JEAN H MRS	R. L. Polk Co. Publishers	Image pg. A45
	SCOGGAN JOHN G	R. L. Polk Co. Publishers	Image pg. A45
	ALDER ST SE	R. L. Polk Co. Publishers	Image pg. A46
1965	MOORE OSCAR W	R.L.Polk Co.	Image pg. A57
1946	Olson A E r	The Pacific Telephone and Telegraph Company	

1247 SE ALDER ST

Year	Uses	Source	
1965	WASHINGTON HIGH SCHOOL	R.L.Polk Co.	Image pg. A57

FINDINGS

1300 SE ALDER ST

Year	Uses	Source	
1965	ROOS A WAYNE	R.L.Polk Co.	Image pg. A57
1946	Wilson Robt E r	The Pacific Telephone and Telegraph Company	

1302 SE ALDER ST

Year	Uses	Source	
1985	Vacant	R. L. Polk and Co. Publishers	Image pg. A14

1306 SE ALDER ST

Year	Uses	Source
1946	Read Dottie P r	The Pacific Telephone and Telegraph Company

1312 SE ALDER ST

Year	Uses	Source
1946	Finley Leamon r	The Pacific Telephone and Telegraph Company

1324 SE ALDER ST

Year	Uses	Source	
1977	Davis Richd B	R.L. Polk Co. Publishers	Image pg. A27

1334 SE ALDER ST

Year	Uses	Source	
1965	KIENOWIS FOOD STORES OFCS	R.L.Polk Co.	Image pg. A57
	KIENOW S FOOD STORES MEAT DIV	R.L.Polk Co.	Image pg. A57

SE BELMONT

936 SE BELMONT

Year	Uses	Source
1946	Justens Serv Sta	The Pacific Telephone and Telegraph Company

1004 SE BELMONT

Year	Uses	Source
1946	Mortensen A W boilrs	The Pacific Telephone and Telegraph Company

FINDINGS

1010 SE BELMONT

Year	Uses	Source
1946	U S Hoffman Machinery Corp	The Pacific Telephone and Telegraph Company
	Authorized Hoffman Serv	The Pacific Telephone and Telegraph Company
	Hoffman Pressing Machy Corp	The Pacific Telephone and Telegraph Company

1016 SE BELMONT

Year	Uses	Source
1946	Montecarlo Cafe	The Pacific Telephone and Telegraph Company

1018 SE BELMONT

Year	Uses	Source
1946	Frainey John I r	The Pacific Telephone and Telegraph Company
	Garbarino Wm L r	The Pacific Telephone and Telegraph Company
	Garbarino Viola M r	The Pacific Telephone and Telegraph Company

1024 SE BELMONT

Year	Uses	Source
1946	United Salad Co	The Pacific Telephone and Telegraph Company

1030 SE BELMONT

Year	Uses	Source
1946	Lido Restaurant	The Pacific Telephone and Telegraph Company

1135 SE BELMONT

Year	Uses	Source
1946	Shininger Forrest r	The Pacific Telephone and Telegraph Company

1206 SE BELMONT

Year	Uses	Source
1946	Nelson Serv Sta Auto Lndry	The Pacific Telephone and Telegraph Company
	Nu Way Auto Laundry	The Pacific Telephone and Telegraph Company

FINDINGS

1216 SE BELMONT

Year	Uses	Source
1946	Eaton Lester B	The Pacific Telephone and Telegraph Company

1223 SE BELMONT

Year	Uses	Source
1946	Robertson Alex r	The Pacific Telephone and Telegraph Company

1224 SE BELMONT

Year	Uses	Source
1946	Roberts Della Mrs r	The Pacific Telephone and Telegraph Company

1232 SE BELMONT

Year	Uses	Source
1946	Sharon Anna L r	The Pacific Telephone and Telegraph Company
	Osvold Ralph M r	The Pacific Telephone and Telegraph Company

1313 SE BELMONT

Year	Uses	Source
1946	Eskelson Dorothy r	The Pacific Telephone and Telegraph Company

1316 SE BELMONT

Year	Uses	Source
1946	Walton D A r	The Pacific Telephone and Telegraph Company

1317 SE BELMONT

Year	Uses	Source
1946	Renken John A r	The Pacific Telephone and Telegraph Company

1335 SE BELMONT

Year	Uses	Source
1946	Bilan Gus r	The Pacific Telephone and Telegraph Company
	Fancher Henry M r	The Pacific Telephone and Telegraph Company

FINDINGS

1336 SE BELMONT

Year	Uses	Source
1946	Cooper Ada May r	The Pacific Telephone and Telegraph Company

SE BELMONT ST

904 SE BELMONT ST

Year	Uses	Source	
1985	Joes Construction Serv genl contr	R. L. Polk and Co. Publishers	Image pg. A15
1981	Koop Industrial Handling Equip Co Inc sin & serv	R.L. Polk Co. Publishers	Image pg. A24
1975	Inc sals & serv	R. L. Polk and Co. Publishers	Image pg. A35
	Koop Industrial Handling Equip Co	R. L. Polk and Co. Publishers	Image pg. A35
1970	KOOP INDUSTRIAL HANDLING EQUIP CO INC SLS & SERV	R. L. Polk Co. Publishers	Image pg. A47
1965	KOOP INDUSTRIAL HANDLING EQUIP CO OLS SERV	R.L.Polk Co.	Image pg. A60

915 SE BELMONT ST

Year	Uses	Source	
2005	Eds Mufflers Unlim Ited	Cole Information Services	Image pg. A3

930 SE BELMONT ST

Year	Uses	Source	
1975	Vacant	R. L. Polk and Co. Publishers	Image pg. A35
1970	VACANT	R. L. Polk Co. Publishers	Image pg. A47
1965	CARUSO PRODUCE EXPRESS TRUCKING	R.L.Polk Co.	Image pg. A60

SE Belmont St

935 SE Belmont St

Year	Uses	Source
2014	SAHLIN W G IMPORTS INC	EDR Digital Archive
2010	SAHLIN W G IMPORTS INC	EDR Digital Archive
	PORTLAND WHOLESALE GROCERY	EDR Digital Archive

SE BELMONT ST

935 SE BELMONT ST

Year	Uses	Source	
2005	W G Sahlin Imports Inc	Cole Information Services	Image pg. A3

FINDINGS

Year	Uses	Source	
2005	Canadian American Brokerage	Cole Information Services	Image pg. A3
1985	Caruso Produce Inc whol	R. L. Polk and Co. Publishers	Image pg. A15
1981	Caruso Produce Inc whol	R.L. Polk Co. Publishers	Image pg. A24
1975	Caruso Produce whol	R. L. Polk and Co. Publishers	Image pg. A35
1970	S CARUSO PRODUCE WHOL	R. L. Polk Co. Publishers	Image pg. A47
1965	CARUSO PRODUCE WHOL	R.L.Polk Co.	Image pg. A60

936 SE BELMONT ST

Year	Uses	Source	
1985	Vacant	R. L. Polk and Co. Publishers	Image pg. A15
1981	Vacant	R.L. Polk Co. Publishers	Image pg. A24
1975	Vacant	R. L. Polk and Co. Publishers	Image pg. A35
1970	STANTON JOHN W	R. L. Polk Co. Publishers	Image pg. A47
	STANTON CO AUTO C BRAKE REPAIR	R. L. Polk Co. Publishers	Image pg. A47
1965	BELMONT TRUCK REPAIR	R.L.Polk Co.	Image pg. A60

1004 SE BELMONT ST

Year	Uses	Source	
1965	TUDOR J A C ASSOCIATES INC MFRS AGTS	R.L.Polk Co.	Image pg. A58

1010 SE BELMONT ST

Year	Uses	Source	
2005	Michael R Linfoot	Cole Information Services	Image pg. A3
	SE 13TH AVE INTS	Cole Information Services	Image pg. A3

1016 SE BELMONT ST

Year	Uses	Source	
1985	Monte Carlo Restaurant & Lounge	R. L. Polk and Co. Publishers	Image pg. A15
	restr & lounge	R. L. Polk and Co. Publishers	Image pg. A15
1981	Monte Carlo Restaurant	R.L. Polk Co. Publishers	Image pg. A24
1975	Monte Carlo Restaurant	R. L. Polk and Co. Publishers	Image pg. A35
1970	MONTE CARLO RESTAURANT	R. L. Polk Co. Publishers	Image pg. A47
1965	MONTE CARLO RESTAURANT	R.L.Polk Co.	Image pg. A58

1018 SE BELMONT ST

Year	Uses	Source	
1985	Collins H M	R. L. Polk and Co. Publishers	Image pg. A15
1981	Collins H M	R.L. Polk Co. Publishers	Image pg. A24
1975	Collins Hazel M Mrs	R. L. Polk and Co. Publishers	Image pg. A35

FINDINGS

Year	Uses	Source	
1970	GARDENERS & RANCHERS	R. L. Polk Co. Publishers	Image pg. A47
1965	COLLINS KENDALL	R.L.Polk Co.	Image pg. A58
	GARDENERS f S RANCHERS	R.L.Polk Co.	Image pg. A58

1020 SE BELMONT ST

Year	Uses	Source	
1985	Monte Carlo Restr Stge	R. L. Polk and Co. Publishers	Image pg. A15
1981	Monte Carlo Restr Stge	R.L. Polk Co. Publishers	Image pg. A24
1975	Monte Carlo Restr Stge	R. L. Polk and Co. Publishers	Image pg. A35
1970	ARMSTRCNG STERLING	R. L. Polk Co. Publishers	Image pg. A47
1965	WENFREE VERNON	R.L.Polk Co.	Image pg. A58

1024 SE BELMONT ST

Year	Uses	Source	
1981	Monte Carlo Lounge cocktail lounge	R.L. Polk Co. Publishers	Image pg. A24
1975	Monte Carlo Lounge cocktail	R. L. Polk and Co. Publishers	Image pg. A35
	lounge	R. L. Polk and Co. Publishers	Image pg. A35
1970	LOUNGE	R. L. Polk Co. Publishers	Image pg. A47
	MONTE CARLO LOUNGE COCKTAIL	R. L. Polk Co. Publishers	Image pg. A47
1965	MONTE CARLO LOUNGE COCKTAIL	R.L.Polk Co.	Image pg. A58
	LOUNGE	R.L.Polk Co.	Image pg. A58
	WILLIAMS ROBT P	R.L.Polk Co.	Image pg. A59

1030 SE BELMONT ST

Year	Uses	Source	
1985	Lido Restaurant restr	R. L. Polk and Co. Publishers	Image pg. A15
1981	Lido Restaurant	R.L. Polk Co. Publishers	Image pg. A24
1975	Lido Restaurant	R. L. Polk and Co. Publishers	Image pg. A35
1970	LIDO RESTAURANT	R. L. Polk Co. Publishers	Image pg. A47
1965	LIDO RESTAURANT	R.L.Polk Co.	Image pg. A60

1206 SE BELMONT ST

Year	Uses	Source	
1981	Vacant	R.L. Polk Co. Publishers	Image pg. A24
1975	Olde Gas House The	R. L. Polk and Co. Publishers	Image pg. A35
1970	NU WAY AUTO LAUNDRY	R. L. Polk Co. Publishers	Image pg. A47
1965	NU WAY AUTO LAUNDRY	R.L.Polk Co.	Image pg. A60

FINDINGS

SE Belmont St

1209 SE Belmont St

Year	Uses	Source	
2014	CHILDREN FIRST FOR OREGON INC	EDR Digital Archive	
2010	CHILDREN FIRST FOR OREGON INC	EDR Digital Archive	

SE BELMONT ST

1209 SE BELMONT ST

Year	Uses	Source	
2005	Children First For Oregon	Cole Information Services	Image pg. A3

SE Belmont St

1216 SE Belmont St

Year	Uses	Source	
2014	BERKSHIRE WILLIAM C PC	EDR Digital Archive	
	GINSBERG MARK J ATTORNEY	EDR Digital Archive	
2010	GINSBERG MARK J ATTORNEY	EDR Digital Archive	
	BERKSHIRE WILLIAM C PC	EDR Digital Archive	
	INTEGRAL COUNSELING INSTITUTE	EDR Digital Archive	

SE BELMONT ST

1216 SE BELMONT ST

Year	Uses	Source	
2005	Wiliam C Berkshire Pc	Cole Information Services	Image pg. A3
	Integral Counseling Institute	Cole Information Services	Image pg. A3
1985	Treasures To Trifles antiques	R. L. Polk and Co. Publishers	Image pg. A15
1981	Treasures To Trifles antiques	R.L. Polk Co. Publishers	Image pg. A24
1975	Treasures To Trifles antiques	R. L. Polk and Co. Publishers	Image pg. A35
1970	TREASURES TO TRIFLES ANTIQUES	R. L. Polk Co. Publishers	Image pg. A47
1965	TREASURES TO TRIFLES ANTIQUES	R.L.Polk Co.	Image pg. A60

1224 SE BELMONT ST

Year	Uses	Source	
2005	CSchmidt	Cole Information Services	Image pg. A3
	CSmith	Cole Information Services	Image pg. A3
	Terry Snyder	Cole Information Services	Image pg. A3
	Richard Wilson	Cole Information Services	Image pg. A3

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Year	Uses	Source	
2005	Wayne A Patterson	Cole Information Services	Image pg. A3
	Edward A Kahn	Cole Information Services	Image pg. A3
	Sean E Clough	Cole Information Services	Image pg. A3
	Apartments	Cole Information Services	Image pg. A3
1985	Apartments	R. L. Polk and Co. Publishers	Image pg. A15
	No Return	R. L. Polk and Co. Publishers	Image pg. A15
	la Gruey Robt	R. L. Polk and Co. Publishers	Image pg. A15
	Travis Debbie J	R. L. Polk and Co. Publishers	Image pg. A15
	Swanson C E	R. L. Polk and Co. Publishers	Image pg. A15
	Vacant	R. L. Polk and Co. Publishers	Image pg. A15
	Mc Quakay Lorraine	R. L. Polk and Co. Publishers	Image pg. A15
	Fabre Darrel R	R. L. Polk and Co. Publishers	Image pg. A15
	No Return	R. L. Polk and Co. Publishers	Image pg. A15
	Lorton Joe	R. L. Polk and Co. Publishers	Image pg. A15
	Maxwell Wm	R. L. Polk and Co. Publishers	Image pg. A15
	Rovang Stanley W	R. L. Polk and Co. Publishers	Image pg. A15
1981	Apartments	R.L. Polk Co. Publishers	Image pg. A24
	Law Thos T	R.L. Polk Co. Publishers	Image pg. A24
	a Butcher Norma	R.L. Polk Co. Publishers	Image pg. A24
	Wright Geo M	R.L. Polk Co. Publishers	Image pg. A24
	Bartow Henry G	R.L. Polk Co. Publishers	Image pg. A24
	Vacant	R.L. Polk Co. Publishers	Image pg. A24
	Mays Ed P	R.L. Polk Co. Publishers	Image pg. A24
	Whitlock Wesley	R.L. Polk Co. Publishers	Image pg. A24
	Stafford Allen	R.L. Polk Co. Publishers	Image pg. A24
	Vacant	R.L. Polk Co. Publishers	Image pg. A24
	Vacant	R.L. Polk Co. Publishers	Image pg. A24
	Maxwell Wm	R.L. Polk Co. Publishers	Image pg. A24
1975	Apartments	R. L. Polk and Co. Publishers	Image pg. A35
	Colhns Lynda	R. L. Polk and Co. Publishers	Image pg. A35
	Rozek Harry	R. L. Polk and Co. Publishers	Image pg. A35
	Maxwell Wm	R. L. Polk and Co. Publishers	Image pg. A35
	Bean James	R. L. Polk and Co. Publishers	Image pg. A35
1970	APARTMENTS	R. L. Polk Co. Publishers	Image pg. A47
	HUSE LOUIE	R. L. Polk Co. Publishers	Image pg. A47
	STREET CONTINUED	R. L. Polk Co. Publishers	Image pg. A47
1965	STREET CONTINUED	R.L.Polk Co.	Image pg. A60
	APARTMENTS	R.L.Polk Co.	Image pg. A60

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Year	Uses	Source	
1965	HUSE LOUIE	R.L.Polk Co.	Image pg. A60
	LARSON HENRY	R.L.Polk Co.	Image pg. A60
	HENSON HENRY	R.L.Polk Co.	Image pg. A60
	SNYDER EBART W	R.L.Polk Co.	Image pg. A60
	HUSE OLE	R.L.Polk Co.	Image pg. A60
	MORRIS JOE	R.L.Polk Co.	Image pg. A60
	EMIL LEE	R.L.Polk Co.	Image pg. A60
	LARSON ANDREW	R.L.Polk Co.	Image pg. A60
	KRAIG MYRTLE	R.L.Polk Co.	Image pg. A60
	OELRICH OTTO	R.L.Polk Co.	Image pg. A60
	LONG EVELYN	R.L.Polk Co.	Image pg. A60

SE Belmont St

1225 SE Belmont St

Year	Uses	Source
2014	ANGIES HOUSECLEANING	EDR Digital Archive
	RITZDORF COURT APARTMENTS	EDR Digital Archive
2010	RITZDORF COURT APARTMENTS	EDR Digital Archive

SE BELMONT ST

1225 SE BELMONT ST

Year	Uses	Source	
2005	Penny Ellett	Cole Information Services	Image pg. A3
	CGinder	Cole Information Services	Image pg. A3
	KGinder	Cole Information Services	Image pg. A3
	TYGoddard	Cole Information Services	Image pg. A3
	Mary A Goolsby	Cole Information Services	Image pg. A3
	Mary J Harmon	Cole Information Services	Image pg. A3
	M Harris	Cole Information Services	Image pg. A3
	Gloria K James	Cole Information Services	Image pg. A3
	Stacy James	Cole Information Services	Image pg. A3
	Jim Kloppman	Cole Information Services	Image pg. A3
	Randall Lawhead	Cole Information Services	Image pg. A3
	J D Lee	Cole Information Services	Image pg. A3
	Myles Levert	Cole Information Services	Image pg. A3
	LLuster	Cole Information Services	Image pg. A3
	Wanda LLuttrell	Cole Information Services	Image pg. A3

FINDINGS

Year	Uses	Source	
2005	Liria Lyon	Cole Information Services	Image pg. A3
	James Mc Rae	Cole Information Services	Image pg. A3
	Anne Meussdorffer	Cole Information Services	Image pg. A3
	4D Mongtomery	Cole Information Services	Image pg. A3
	Davika Montgomery	Cole Information Services	Image pg. A3
	Karen Perkins	Cole Information Services	Image pg. A3
	Sara Philbrook	Cole Information Services	Image pg. A3
	F Ravin	Cole Information Services	Image pg. A3
	Roger N Rector	Cole Information Services	Image pg. A3
	Marvin AReese	Cole Information Services	Image pg. A3
	Steve Reese	Cole Information Services	Image pg. A3
	TReilly	Cole Information Services	Image pg. A3
	Lateir Rhodes	Cole Information Services	Image pg. A3
	Ritzdorf Apartment Tenant Service	Cole Information Services	Image pg. A3
	Adam C Roles	Cole Information Services	Image pg. A3
	Lori Santangelo	Cole Information Services	Image pg. A3
	Robert Seaman	Cole Information Services	Image pg. A3
	Tetyana Sidletskay	Cole Information Services	Image pg. A3
	Pamela Stancil	Cole Information Services	Image pg. A3
	Pam Torres	Cole Information Services	Image pg. A3
	Mary E Turner	Cole Information Services	Image pg. A3
	Terrell Walker	Cole Information Services	Image pg. A3
	Mike LWalling	Cole Information Services	Image pg. A3
	Edward Webber	Cole Information Services	Image pg. A3
	Miriam Whitney	Cole Information Services	Image pg. A3
	Robert Whittington	Cole Information Services	Image pg. A3
	Wild Oats Natural Marketplace	Cole Information Services	Image pg. A3
	Jawnl Wiles	Cole Information Services	Image pg. A3
	Steven Wiley	Cole Information Services	Image pg. A3
	CWilkeson	Cole Information Services	Image pg. A3
	Delores JW Wrtanen	Cole Information Services	Image pg. A3
	Jessica Wiseley	Cole Information Services	Image pg. A3
	BUILDING	Cole Information Services	Image pg. A3
	Haykel Acosta	Cole Information Services	Image pg. A3
	Mark Alvord	Cole Information Services	Image pg. A3
	Joseph Barnett	Cole Information Services	Image pg. A3
	Mike Bentley	Cole Information Services	Image pg. A3
	Axel Blondy	Cole Information Services	Image pg. A3

Year	Uses	Source	
2005	Floyd N Booker	Cole Information Services	Image pg. A3
	Blanca Bosquez	Cole Information Services	Image pg. A3
	Blanca Bosquez	Cole Information Services	Image pg. A3
	David Boutwell	Cole Information Services	Image pg. A3
	Ted Brandon	Cole Information Services	Image pg. A3
	TKevin Brown	Cole Information Services	Image pg. A3
	Peggy Budge	Cole Information Services	Image pg. A3
	James Bullard	Cole Information Services	Image pg. A3
	Janice Carl	Cole Information Services	Image pg. A3
	John Chaney	Cole Information Services	Image pg. A3
	James Christenson	Cole Information Services	Image pg. A3
	Barbara Clay	Cole Information Services	Image pg. A3
	James Cook	Cole Information Services	Image pg. A3
	Arthur Cranford	Cole Information Services	Image pg. A3
	M Croghan	Cole Information Services	Image pg. A3
	Sele Damato	Cole Information Services	Image pg. A3
	Matt Dempsey	Cole Information Services	Image pg. A3
	PJ J Dempsey	Cole Information Services	Image pg. A3

1226 SE BELMONT ST

Year	Uses	Source	
1985	Vacant	R. L. Polk and Co. Publishers	Image pg. A15
1981	Bankston R	R.L. Polk Co. Publishers	Image pg. A24
1975	Lavack Susan	R. L. Polk and Co. Publishers	Image pg. A35
1970	SHERRY PETER P	R. L. Polk Co. Publishers	Image pg. A47

SE Belmont St

1232 SE Belmont St

Year	Uses	Source
2014	RADIO ROOM LLC	EDR Digital Archive

SE BELMONT ST

1232 SE BELMONT ST

Year	Uses	Source	
2005	Annie CPhyo	Cole Information Services	Image pg. A3
	Lacy L Schutz	Cole Information Services	Image pg. A3
1992	GAULT Philip	US WEST DIRECT	
1985	Wilshire Todd	R. L. Polk and Co. Publishers	Image pg. A15

FINDINGS

Year	Uses	Source	
1981	Wilnhire Todd	R.L. Polk Co. Publishers	Image pg. A24
1975	Wilshire Todd	R. L. Polk and Co. Publishers	Image pg. A35
1970	WILSHIRE TODD	R. L. Polk Co. Publishers	Image pg. A47
1965	WILSHIRE TOOD	R.L.Polk Co.	Image pg. A60

1235 SE BELMONT ST

Year	Uses	Source	
1985	used car rentals	R. L. Polk and Co. Publishers	Image pg. A15
	Rent A Wreck Of E Portland	R. L. Polk and Co. Publishers	Image pg. A15
	Lease Northwest Inc leasng	R. L. Polk and Co. Publishers	Image pg. A15
1981	Lease Northwest Inc auto & truck	R.L. Polk Co. Publishers	Image pg. A24
1975	Lease Northwest auto & truck	R. L. Polk and Co. Publishers	Image pg. A35
1970	NORTHWEST RENTALS OFC EQUIP	R. L. Polk Co. Publishers	Image pg. A47
	LEASE NORTHWEST INC	R. L. Polk Co. Publishers	Image pg. A47
1965	LEASE NORTHWEST INC CAR	R.L.Polk Co.	Image pg. A60
	NORTHWEST RENTALS OFC EOUIP	R.L.Polk Co.	Image pg. A60
	NORTHWEST AUTO LEASE	R.L.Polk Co.	Image pg. A60
	EGUIP RENTALS	R.L.Polk Co.	Image pg. A60

SE Belmont St

1305 SE Belmont St

Year	Uses	Source
2014	ANDREW SUTHERLAND	EDR Digital Archive

SE BELMONT ST

1305 SE BELMONT ST

Year	Uses	Source	
2005	Julie Ann Kidd	Cole Information Services	Image pg. A3
1992	KIDD J A	US WEST DIRECT	
1985	Vacant	R. L. Polk and Co. Publishers	Image pg. A15
1981	Jacobson Omer T consulting eng	R.L. Polk Co. Publishers	Image pg. A24
1975	Jacobson Omer T consulting eng	R. L. Polk and Co. Publishers	Image pg. A35
1970	JACOBSON OMER T CONSULTING ENG	R. L. Polk Co. Publishers	Image pg. A47
1965	JACOBSON OMER T CONSULTING ENG	R.L.Polk Co.	Image pg. A60

FINDINGS

SE Belmont St

1313 SE Belmont St

Year	Uses	Source
2014	LARRY H SMITH ATTORNEY AT LAW	EDR Digital Archive
	LUNDIN COLE ARCHITECTS PC	EDR Digital Archive

SE BELMONT ST

1313 SE BELMONT ST

Year	Uses	Source	
2005	John FPalm	Cole Information Services	Image pg. A3
1985	a Huget Clint	R. L. Polk and Co. Publishers	Image pg. A15
	lb Wallmark N	R. L. Polk and Co. Publishers	Image pg. A15
	la Getzlaff Craig	R. L. Polk and Co. Publishers	Image pg. A15
	Apartments	R. L. Polk and Co. Publishers	Image pg. A15
1981	Apartments	R.L. Polk Co. Publishers	Image pg. A24
	a Mc Ginnis Dennis	R.L. Polk Co. Publishers	Image pg. A24
	b Cooke Lester	R.L. Polk Co. Publishers	Image pg. A24
	a Hatfield Dennis	R.L. Polk Co. Publishers	Image pg. A24
	b Halaey Do	R.L. Polk Co. Publishers	Image pg. A24
1975	lb Chaffin Carolyn A	R. L. Polk and Co. Publishers	Image pg. A35
	b Hall Cheryl	R. L. Polk and Co. Publishers	Image pg. A35
	a Perry Albert	R. L. Polk and Co. Publishers	Image pg. A35
	b Daniels C	R. L. Polk and Co. Publishers	Image pg. A35
	a No Return	R. L. Polk and Co. Publishers	Image pg. A35
	la Stevens Debbie	R. L. Polk and Co. Publishers	Image pg. A35
	Apartments	R. L. Polk and Co. Publishers	Image pg. A35
1970	SCOTT TIM	R. L. Polk Co. Publishers	Image pg. A47
	SANDERS L D	R. L. Polk Co. Publishers	Image pg. A47
	HILSZ MIKE LYSENG DONNA J	R. L. Polk Co. Publishers	Image pg. A47
1965	MC KINLEY EDITH L	R.L.Polk Co.	Image pg. A60

1316 SE BELMONT ST

Year	Uses	Source	
2005	Mary ARichter	Cole Information Services	Image pg. A3
1992	RICHTER Edwina Mary	US WEST DIRECT	
1985	Richtei Edwina M	R. L. Polk and Co. Publishers	Image pg. A15
1981	Richter Edwina M	R.L. Polk Co. Publishers	Image pg. A24
1975	Richter Edwina M	R. L. Polk and Co. Publishers	Image pg. A35

FINDINGS

Year	Uses	Source	
1970	RICHTER EDWINA M	R. L. Polk Co. Publishers	Image pg. A47
1965	RICHTER EDWINA M	R.L.Polk Co.	Image pg. A60

1317 SE BELMONT ST

Year	Uses	Source	
1965	HAPLIN DONALD W	R.L.Polk Co.	Image pg. A60

1323 SE BELMONT ST

Year	Uses	Source	
2005	Gerald Sigler	Cole Information Services	Image pg. A3
	SE 15TH AVE INTS	Cole Information Services	Image pg. A3
	Frank Sigler	Cole Information Services	Image pg. A3
1992	SIGLER Gerald	US WEST DIRECT	
1985	Sigler Gerald	R. L. Polk and Co. Publishers	Image pg. A15
1981	No Return	R.L. Polk Co. Publishers	Image pg. A24
1975	Berry Ann M	R. L. Polk and Co. Publishers	Image pg. A35
1970	VACANT	R. L. Polk Co. Publishers	Image pg. A47
1965	LUNDOUIST RICHO	R.L.Polk Co.	Image pg. A60

1335 SE BELMONT ST

Year	Uses	Source	
1975	Apartments	R. L. Polk and Co. Publishers	Image pg. A35
1970	S YOUNGBERG DONNA	R. L. Polk Co. Publishers	Image pg. A47
	BARNHART DON	R. L. Polk Co. Publishers	Image pg. A47
	LEE DORA M	R. L. Polk Co. Publishers	Image pg. A47
	APARTMENTS	R. L. Polk Co. Publishers	Image pg. A47
	ELWOOD JOHN	R. L. Polk Co. Publishers	Image pg. A47
1965	VACANT	R.L.Polk Co.	Image pg. A60
	OLIVER ANNIE	R.L.Polk Co.	Image pg. A60
	VACANT	R.L.Polk Co.	Image pg. A60
	KUETHER EDWIN H	R.L.Polk Co.	Image pg. A60
	GASSARD DENNIS	R.L.Polk Co.	Image pg. A60
	APARTMENTS	R.L.Polk Co.	Image pg. A60

1336 SE BELMONT ST

Year	Uses	Source	
1970	VACANT	R. L. Polk Co. Publishers	Image pg. A47
1965	DOUGLAS ROBT	R.L.Polk Co.	Image pg. A60

FINDINGS

1337 SE BELMONT ST

Year	Uses	Source	
1970	KORHONEN ELLEN MRS	R. L. Polk Co. Publishers	Image pg. A47
1965	BUCK IRENE G MRS	R.L.Polk Co.	Image pg. A60

SE MORRISON

1025 SE MORRISON

Year	Uses	Source
1992	WINKLER John M atty	US WEST DIRECT
	KELLER William M Keller &Keller PCattys	US WEST DIRECT
	KELLER John M Keller & Keller PC attys	US WEST DIRECT

1115 SE MORRISON

Year	Uses	Source
1992	MORRISON Ralph	US WEST DIRECT

1230 SE MORRISON

Year	Uses	Source
1992	ALLOWAY Jim	US WEST DIRECT
	WHITE Peggy L	US WEST DIRECT
	BALLIET John	US WEST DIRECT
	FRANZ Jeffrey G	US WEST DIRECT
	FRENCH Jim	US WEST DIRECT
	HUANG Chin	US WEST DIRECT
	LAWER Mark	US WEST DIRECT
	LEE Jerry	US WEST DIRECT
	MADRAZO Deo	US WEST DIRECT
	MCKENNA Theresa	US WEST DIRECT
	MUSTAFA Shadyah	US WEST DIRECT
	RAMOS Marie Guadalupe	US WEST DIRECT
	SCOTT Herman F	US WEST DIRECT
	SPRENGEL A	US WEST DIRECT
	STOKES William	US WEST DIRECT
	TICHENOR David	US WEST DIRECT
	WEST T & A	US WEST DIRECT
	ALWORTH Jeffrey	US WEST DIRECT

1235 SE MORRISON

Year	Uses	Source
1992	SPADA Teresa J CPA	US WEST DIRECT

FINDINGS

SE Morrison St

926 SE Morrison St

Year	Uses	Source
2010	A & G AUTOMOTIVE	EDR Digital Archive
	GREEN OVAL MOTORS	EDR Digital Archive
	DOUGLAS HOBLITT LLC	EDR Digital Archive

SE MORRISON ST

926 SE MORRISON ST

Year	Uses	Source	
1985	Freeway Fiat	R. L. Polk and Co. Publishers	Image pg. A7
1981	Parts Merchandiser Whse	R.L. Polk Co. Publishers	Image pg. A18
1975	Chief Of Brakes & Automotive	R. L. Polk and Co. Publishers	Image pg. A28
	Serv garage	R. L. Polk and Co. Publishers	Image pg. A28

SE Morrison St

927 SE Morrison St

Year	Uses	Source
2014	R & R RESTAURANTS INC	EDR Digital Archive
2010	R & R RESTAURANTS INC	EDR Digital Archive

SE MORRISON ST

927 SE MORRISON ST

Year	Uses	Source	
2005	Sassys Bar & Grill	Cole Information Services	Image pg. A1
1985	Club Nine Twenty Seven restr	R. L. Polk and Co. Publishers	Image pg. A7
1981	Club Nine Twenty Seven	R.L. Polk Co. Publishers	Image pg. A18
1975	Smittys Restr & Lounge restr	R. L. Polk and Co. Publishers	Image pg. A28
1970	SMITTYS SAGEBRUSH RESTR	R. L. Polk Co. Publishers	Image pg. A39

932 SE MORRISON ST

Year	Uses	Source	
1985	First Press printing	R. L. Polk and Co. Publishers	Image pg. A7
1981	Cobi International im	R.L. Polk Co. Publishers	Image pg. A18
1975	Producers Assn dairy	R. L. Polk and Co. Publishers	Image pg. A28
	Portland Independent Milk	R. L. Polk and Co. Publishers	Image pg. A28

Year	Uses	Source	
1970	PORTLAND INDEPENDENT MILK PRODUCERS ASSN DAIRY	R. L. Polk Co. Publishers	Image pg. A39
1946	Carson John T Oil Co	The Pacific Telephone and Telegraph Company	

SE Morrison St

940 SE Morrison St

Year	Uses	Source
2010	GRETCHENS KITCHEN	EDR Digital Archive

SE MORRISON ST

940 SE MORRISON ST

Year	Uses	Source	
2005	Gretchens Kitchen	Cole Information Services	Image pg. A1
1985	Little Johns Sandwich Shop	R. L. Polk and Co. Publishers	Image pg. A7
1981	Little Johns Sandwich Shop	R.L. Polk Co. Publishers	Image pg. A18
1975	Vacant	R. L. Polk and Co. Publishers	Image pg. A28
1946	Springbrook Dairy	The Pacific Telephone and Telegraph Company	

SE Morrison St

1001 SE Morrison St

Year	Uses	Source
2014	HOLOCENE LLC	EDR Digital Archive
2010	HOLOCENE LLC	EDR Digital Archive

SE MORRISON ST

1001 SE MORRISON ST

Year	Uses	Source	
1985	Republic Automotive Inc whol	R. L. Polk and Co. Publishers	Image pg. A7
	auto parts	R. L. Polk and Co. Publishers	Image pg. A7
1981	Best Distributing Co whol auto parts	R.L. Polk Co. Publishers	Image pg. A18
1975	Best Distributing Co whol auto	R. L. Polk and Co. Publishers	Image pg. A28
	parts	R. L. Polk and Co. Publishers	Image pg. A28
1970	BEST DISTRIBUTING CO WHOL AUTO PARTS	R. L. Polk Co. Publishers	Image pg. A39

FINDINGS

SE Morrison St

1025 SE Morrison St

Year	Uses	Source
2014	ETON LANE FOUNDATION	EDR Digital Archive
	KELLER & KELLER PC	EDR Digital Archive
	ETON LANE LLC	EDR Digital Archive
	REUTOV RARE COINS LLC	EDR Digital Archive
	NORTHWEST PAPER SOLUTIONS INC	EDR Digital Archive
	MICHAEL NELSON PROPERTIES LLC	EDR Digital Archive
2010	NORTHWEST PAPER SOLUTIONS INC	EDR Digital Archive
	KELLER & KELLER PC	EDR Digital Archive
	ETON LANE FOUNDATION	EDR Digital Archive

SE MORRISON ST

1025 SE MORRISON ST

Year	Uses	Source	
2005	+ Douglas Equipmentand Suppl Ies	Cole Information Services	Image pg. A1
	+ Keller & Keller Pc	Cole Information Services	Image pg. A1
	4 Lane Eton Foundation	Cole Information Services	Image pg. A1
1985	Keller & Keller Iwyrs	R. L. Polk and Co. Publishers	Image pg. A7
1981	Keller And Keller Iwyrs	R.L. Polk Co. Publishers	Image pg. A18

1029 SE MORRISON ST

Year	Uses	Source	
1975	Albnght Glass Co	R. L. Polk and Co. Publishers	Image pg. A28
1970	ALBRIGHT GLASS CO	R. L. Polk Co. Publishers	Image pg. A39

SE Morrison St

1040 SE Morrison St

Year	Uses	Source
2014	MULTNOMAH COUNTY OF	EDR Digital Archive
	AFTER CARE CRMATION BURIAL SVC	EDR Digital Archive
	MULTNOMAH COUNTY OF	EDR Digital Archive
	MULTNOMAH COUNTY OF	EDR Digital Archive
2010	MULTNOMAH COUNTY OF	EDR Digital Archive
	MULTNOMAH COUNTY OF	EDR Digital Archive

FINDINGS

SE MORRISON ST

1040 SE MORRISON ST

Year	Uses	Source	
1985	Elections	R. L. Polk and Co. Publishers	Image pg. A7
	County Dept Of Elections Reg	R. L. Polk and Co. Publishers	Image pg. A7
1981	Elections Reg & Elections	R.L. Polk Co. Publishers	Image pg. A18
	County Dept Of Records	R.L. Polk Co. Publishers	Image pg. A18
1975	County Dept Of Records	R. L. Polk and Co. Publishers	Image pg. A28
	Elections Reg & Elections	R. L. Polk and Co. Publishers	Image pg. A28
1970	COUNTY DEPT OF RECORDS	R. L. Polk Co. Publishers	Image pg. A39
	ELECTIONS REG 6 ELECTIONS	R. L. Polk Co. Publishers	Image pg. A39

SE Morrison St

1105 SE Morrison St

Year	Uses	Source
2014	GOURMET COFFEE CATERING INC	EDR Digital Archive
2010	GOURMET COFFEE CATERING INC	EDR Digital Archive

SE MORRISON ST

1105 SE MORRISON ST

Year	Uses	Source	
2005	Gourmet Coffee Catering Inc	Cole Information Services	Image pg. A1
1985	labor	R. L. Polk and Co. Publishers	Image pg. A7
	Urban Indian Council Inc day	R. L. Polk and Co. Publishers	Image pg. A7
1981	Andrews Martha P archt	R.L. Polk Co. Publishers	Image pg. A18
	Portland Press publ	R.L. Polk Co. Publishers	Image pg. A18
	Andrews James E archt	R.L. Polk Co. Publishers	Image pg. A18

SE Morrison St

1115 SE Morrison St

Year	Uses	Source
2014	PORTLAND CUSTOM SHOP	EDR Digital Archive
	SOURSOUND LLC	EDR Digital Archive
	SICK STRING GUITARS	EDR Digital Archive
2010	SOURSOUND LLC	EDR Digital Archive
	PORTLAND CUSTOM SHOP	EDR Digital Archive

FINDINGS

SE MORRISON ST

1115 SE MORRISON ST

Year	Uses	Source	
1985	Employment	R. L. Polk and Co. Publishers	Image pg. A7
	Urban Indian Council Inc	R. L. Polk and Co. Publishers	Image pg. A7
1981	Associated Financial Services Co Of Oregon loans	R.L. Polk Co. Publishers	Image pg. A18
1975	Of Oregon loans	R. L. Polk and Co. Publishers	Image pg. A28
	Associated Financial Services Co	R. L. Polk and Co. Publishers	Image pg. A28
1970	M 6 F FINANCE CO INC LOANS	R. L. Polk Co. Publishers	Image pg. A39

1117 SE MORRISON ST

Year	Uses	Source	
1975	Portland Press prntrs	R. L. Polk and Co. Publishers	Image pg. A28
1970	PHOTO OFFSET INC PRNTRS	R. L. Polk Co. Publishers	Image pg. A39

1135 SE MORRISON ST

Year	Uses	Source	
1981	Plaid Pantry Market	R.L. Polk Co. Publishers	Image pg. A18
1975	Momson Texaco Station	R. L. Polk and Co. Publishers	Image pg. A28
1970	FRED 6 LLOYDS AUTO SERVICE GAS ST	R. L. Polk Co. Publishers	Image pg. A39

SE Morrison St

1200 SE Morrison St

Year	Uses	Source
2014	NORTH WEST FIGHTING ARTS	EDR Digital Archive
	PORTLAND DEVELOPMENT	EDR Digital Archive
2010	PORTLAND DEVELOPMENT	EDR Digital Archive
	NORTH WEST FIGHTING ARTS	EDR Digital Archive
	MIOS	EDR Digital Archive

SE MORRISON ST

1200 SE MORRISON ST

Year	Uses	Source	
2005	Padilla Associates Lie	Cole Information Services	Image pg. A1
	SMG Foundation	Cole Information Services	Image pg. A1
1985	program	R. L. Polk and Co. Publishers	Image pg. A7
	Urban Indian Council Inc health	R. L. Polk and Co. Publishers	Image pg. A7

Year	Uses	Source	
1981	Planned Parenthood Assoc Inc clinic	R.L. Polk Co. Publishers	Image pg. A18
1975	Planned Parenthood Assoc Inc	R. L. Polk and Co. Publishers	Image pg. A28
	clinic	R. L. Polk and Co. Publishers	Image pg. A28
1970	COUNTY FOOD STAMP PROGRAM	R. L. Polk Co. Publishers	Image pg. A39

SE Morrison St

1205 SE Morrison St

Year	Uses	Source
2014	MORRISON ST BAR & GRILL	EDR Digital Archive
	TRI TANGLE INC	EDR Digital Archive
2010	TRI TANGLE INC	EDR Digital Archive

SE MORRISON ST

1205 SE MORRISON ST

Year	Uses	Source	
1985	China Inn restr	R. L. Polk and Co. Publishers	Image pg. A7
1981	China Inn restr	R.L. Polk Co. Publishers	Image pg. A18
1975	Lidios Drive Inn	R. L. Polk and Co. Publishers	Image pg. A28
1970	CAMP B 06 SERVICE GAS STA	R. L. Polk Co. Publishers	Image pg. A39

SE Morrison St

1230 SE Morrison St

Year	Uses	Source
2014	REX ARMS	EDR Digital Archive
	FRANZ JEFFREY	EDR Digital Archive
2010	REX ARMS	EDR Digital Archive

SE MORRISON ST

1230 SE MORRISON ST

Year	Uses	Source	
2005	Jonathon Bower	Cole Information Services	Image pg. A1
	David FBryant	Cole Information Services	Image pg. A1
	Wayne Caron	Cole Information Services	Image pg. A1
	Susan M Clay	Cole Information Services	Image pg. A1
	Richard Clingerman	Cole Information Services	Image pg. A1
	Lori Dalton	Cole Information Services	Image pg. A1

FINDINGS

Year	Uses	Source	
2005	Bethany Davidson	Cole Information Services	Image pg. A1
	JJames Dawson	Cole Information Services	Image pg. A1
	Craig Debuhr	Cole Information Services	Image pg. A1
	Mark Digerness	Cole Information Services	Image pg. A1
	Candace Egan	Cole Information Services	Image pg. A1
	Misty Egan	Cole Information Services	Image pg. A1
	Fine Specialty Pillows	Cole Information Services	Image pg. A1
	OJeffrey G Franz	Cole Information Services	Image pg. A1
	Paul R Gibbs	Cole Information Services	Image pg. A1
	B 10 Ellen MGosse	Cole Information Services	Image pg. A1
	Ginger L Gross	Cole Information Services	Image pg. A1
	John Stuart Gross	Cole Information Services	Image pg. A1
	David Hannon	Cole Information Services	Image pg. A1
	H Hitchcock	Cole Information Services	Image pg. A1
	Terry Huffaker	Cole Information Services	Image pg. A1
	Alison Ingram	Cole Information Services	Image pg. A1
	Raymond N Jowdy	Cole Information Services	Image pg. A1
	MKruger	Cole Information Services	Image pg. A1
	Daniel C Lerch	Cole Information Services	Image pg. A1
	Jennifer Marie Lewis	Cole Information Services	Image pg. A1
	S G Lewis	Cole Information Services	Image pg. A1
	M Lindsay	Cole Information Services	Image pg. A1
	T Manganaro	Cole Information Services	Image pg. A1
	Michael D Mc Coy	Cole Information Services	Image pg. A1
	Allen Miller	Cole Information Services	Image pg. A1
	Crystal Minor	Cole Information Services	Image pg. A1
	Eleanor Renee Norcross	Cole Information Services	Image pg. A1
	0 Renee Norcross	Cole Information Services	Image pg. A1
	Michael Perkins	Cole Information Services	Image pg. A1
	Jesse Powers	Cole Information Services	Image pg. A1
	Angel Prince	Cole Information Services	Image pg. A1
	Radlo Cab Driver	Cole Information Services	Image pg. A1
	Greg R Salter	Cole Information Services	Image pg. A1
	Timothy W Smith	Cole Information Services	Image pg. A1
	James Stapleton	Cole Information Services	Image pg. A1
	David Starr	Cole Information Services	Image pg. A1
	Lamar Tillman	Cole Information Services	Image pg. A1
	Donald Vemon	Cole Information Services	Image pg. A1

FINDINGS

Year	Uses	Source	
2005	Stanley KWeagele	Cole Information Services	Image pg. A1
	Sarah CWilde	Cole Information Services	Image pg. A1
	Kara BYoshida	Cole Information Services	Image pg. A1
	BUILDING	Cole Information Services	Image pg. A1
	Noah Albert	Cole Information Services	Image pg. A1
	Beau Alexander	Cole Information Services	Image pg. A1
	Melissa Anders	Cole Information Services	Image pg. A1
	Lisa CAnderssen	Cole Information Services	Image pg. A1
	Goran Babic	Cole Information Services	Image pg. A1
1985	a No Return	R. L. Polk and Co. Publishers	Image pg. A7
	b Albrecht	R. L. Polk and Co. Publishers	Image pg. A7
	a Chocheso	R. L. Polk and Co. Publishers	Image pg. A7
	b Hale Barbara	R. L. Polk and Co. Publishers	Image pg. A7
	a Robinson	R. L. Polk and Co. Publishers	Image pg. A7
	b Navarro Wm J	R. L. Polk and Co. Publishers	Image pg. A7
	a Garcia Ciro	R. L. Polk and Co. Publishers	Image pg. A7
	b Beaird	R. L. Polk and Co. Publishers	Image pg. A7
	Thoren J	R. L. Polk and Co. Publishers	Image pg. A7
	Snereck	R. L. Polk and Co. Publishers	Image pg. A7
	Jackson	R. L. Polk and Co. Publishers	Image pg. A7
	Edwards J	R. L. Polk and Co. Publishers	Image pg. A7
	Parker Jerome W	R. L. Polk and Co. Publishers	Image pg. A7
	Jackson	R. L. Polk and Co. Publishers	Image pg. A7
	Bazil B	R. L. Polk and Co. Publishers	Image pg. A7
	Malcolm	R. L. Polk and Co. Publishers	Image pg. A7
	Price Richd	R. L. Polk and Co. Publishers	Image pg. A7
	Scarafile	R. L. Polk and Co. Publishers	Image pg. A7
	Teters	R. L. Polk and Co. Publishers	Image pg. A7
	Schoffner	R. L. Polk and Co. Publishers	Image pg. A7
	Mickelson Tom	R. L. Polk and Co. Publishers	Image pg. A7
	Hammond	R. L. Polk and Co. Publishers	Image pg. A7
	Mc Hargue James R	R. L. Polk and Co. Publishers	Image pg. A7
	Willis Patrick B	R. L. Polk and Co. Publishers	Image pg. A7
	Rouse Cl A	R. L. Polk and Co. Publishers	Image pg. A7
	Cone Robt D	R. L. Polk and Co. Publishers	Image pg. A7
	Qurada	R. L. Polk and Co. Publishers	Image pg. A7
	Guerra Jesus J	R. L. Polk and Co. Publishers	Image pg. A7
	Teters Philip	R. L. Polk and Co. Publishers	Image pg. A7

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Year	Uses	Source	
1985	Riddle	R. L. Polk and Co. Publishers	Image pg. A7
	Taylor R Reed	R. L. Polk and Co. Publishers	Image pg. A7
	Wedwick P	R. L. Polk and Co. Publishers	Image pg. A7
	Brecken	R. L. Polk and Co. Publishers	Image pg. A7
	Wickdal	R. L. Polk and Co. Publishers	Image pg. A7
	Moran A	R. L. Polk and Co. Publishers	Image pg. A7
	Mattson E	R. L. Polk and Co. Publishers	Image pg. A7
	Niemi	R. L. Polk and Co. Publishers	Image pg. A7
	Richardson E	R. L. Polk and Co. Publishers	Image pg. A7
	Johnson	R. L. Polk and Co. Publishers	Image pg. A7
	OConnor	R. L. Polk and Co. Publishers	Image pg. A7
	Sigrnund Joanna	R. L. Polk and Co. Publishers	Image pg. A7
	Rex Arms Apartments	R. L. Polk and Co. Publishers	Image pg. A7
	Milligan Cynthia	R. L. Polk and Co. Publishers	Image pg. A7
1981	Rex Arms Apartments	R.L. Polk Co. Publishers	Image pg. A18
	a Cronnan Mike	R.L. Polk Co. Publishers	Image pg. A18
	b No Return	R.L. Polk Co. Publishers	Image pg. A18
	a Jackson	R.L. Polk Co. Publishers	Image pg. A18
	b Larson Inez	R.L. Polk Co. Publishers	Image pg. A18
	a Hendricks	R.L. Polk Co. Publishers	Image pg. A18
	b Shirley Alf	R.L. Polk Co. Publishers	Image pg. A18
	a Bruggemann Edw	R.L. Polk Co. Publishers	Image pg. A18
	b Rowlee Gene Mrs	R.L. Polk Co. Publishers	Image pg. A18
	La Deroute Beverly	R.L. Polk Co. Publishers	Image pg. A18
	Sherilk	R.L. Polk Co. Publishers	Image pg. A18
	Jones	R.L. Polk Co. Publishers	Image pg. A18
	Games G L	R.L. Polk Co. Publishers	Image pg. A18
	Towler	R.L. Polk Co. Publishers	Image pg. A18
	Kumpf	R.L. Polk Co. Publishers	Image pg. A18
	Bazil	R.L. Polk Co. Publishers	Image pg. A18
	Griffin Leon	R.L. Polk Co. Publishers	Image pg. A18
	Draper Robt L	R.L. Polk Co. Publishers	Image pg. A18
	Wreath M	R.L. Polk Co. Publishers	Image pg. A18
	Harris Arvin	R.L. Polk Co. Publishers	Image pg. A18
	Reynolds Clifford W	R.L. Polk Co. Publishers	Image pg. A18
	Miller	R.L. Polk Co. Publishers	Image pg. A18
	Neal Frank	R.L. Polk Co. Publishers	Image pg. A18
	Olson	R.L. Polk Co. Publishers	Image pg. A18

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Year	Uses	Source	
1981	Hamey	R.L. Polk Co. Publishers	Image pg. A18
	Michael Sylvia L	R.L. Polk Co. Publishers	Image pg. A18
	Buchanna T	R.L. Polk Co. Publishers	Image pg. A18
	Fong Will	R.L. Polk Co. Publishers	Image pg. A18
	Lee Wm	R.L. Polk Co. Publishers	Image pg. A18
	Vib	R.L. Polk Co. Publishers	Image pg. A18
	Young	R.L. Polk Co. Publishers	Image pg. A18
	Reggerman Thou	R.L. Polk Co. Publishers	Image pg. A18
	Hemminger Meretta W Mrs	R.L. Polk Co. Publishers	Image pg. A18
	Fontana Mary D Mrs	R.L. Polk Co. Publishers	Image pg. A18
	Koplin Elmore	R.L. Polk Co. Publishers	Image pg. A18
	Ford J Mrs	R.L. Polk Co. Publishers	Image pg. A18
	Matson E	R.L. Polk Co. Publishers	Image pg. A18
	Chapman Chet	R.L. Polk Co. Publishers	Image pg. A18
	Coverdell	R.L. Polk Co. Publishers	Image pg. A18
	Vincent	R.L. Polk Co. Publishers	Image pg. A18
	Nasri Gertrud	R.L. Polk Co. Publishers	Image pg. A18
	Van Weevthulien Pamela	R.L. Polk Co. Publishers	Image pg. A18
	Murray James	R.L. Polk Co. Publishers	Image pg. A18
	Hifl D	R.L. Polk Co. Publishers	Image pg. A18
	Rogers J Melvin	R.L. Polk Co. Publishers	Image pg. A18
	Jiroch Mary	R.L. Polk Co. Publishers	Image pg. A18
	Tiniakos Clar	R.L. Polk Co. Publishers	Image pg. A18
	Vacant	R.L. Polk Co. Publishers	Image pg. A18
	Guardalabene Amy	R.L. Polk Co. Publishers	Image pg. A18
	Hughley N P	R.L. Polk Co. Publishers	Image pg. A18
	Redmond Jack	R.L. Polk Co. Publishers	Image pg. A18
	Bourikas Steven	R.L. Polk Co. Publishers	Image pg. A18
	Wallace S	R.L. Polk Co. Publishers	Image pg. A18
	Rouse Sherri	R.L. Polk Co. Publishers	Image pg. A18
	No Return	R.L. Polk Co. Publishers	Image pg. A18
	Kay Warren	R.L. Polk Co. Publishers	Image pg. A18
	Conrad Harry M	R.L. Polk Co. Publishers	Image pg. A18
	Hammons Jimmy D	R.L. Polk Co. Publishers	Image pg. A18
	Boyd Earl L	R.L. Polk Co. Publishers	Image pg. A18
	Vowels Roy E	R.L. Polk Co. Publishers	Image pg. A18
	Dickey John	R.L. Polk Co. Publishers	Image pg. A18
	Renfroe Harold D	R.L. Polk Co. Publishers	Image pg. A18

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Year	Uses	Source	
1981	STREET CONTINUED	R.L. Polk Co. Publishers	Image pg. A18
1975	Rex Arms Apartments	R. L. Polk and Co. Publishers	Image pg. A28
	a Cronan Mike	R. L. Polk and Co. Publishers	Image pg. A28
	b Vacant	R. L. Polk and Co. Publishers	Image pg. A28
	a Zarn L	R. L. Polk and Co. Publishers	Image pg. A28
	b Jensen J	R. L. Polk and Co. Publishers	Image pg. A28
	a Bill Ed	R. L. Polk and Co. Publishers	Image pg. A28
	b Dugger Fred	R. L. Polk and Co. Publishers	Image pg. A28
	a Bruggemann Edw	R. L. Polk and Co. Publishers	Image pg. A28
	b Norman Anna J	R. L. Polk and Co. Publishers	Image pg. A28
	Nelson Patricia	R. L. Polk and Co. Publishers	Image pg. A28
	Hash Benny	R. L. Polk and Co. Publishers	Image pg. A28
	Jackson Louis	R. L. Polk and Co. Publishers	Image pg. A28
	Kugler Ruth E	R. L. Polk and Co. Publishers	Image pg. A28
	Geis Erwin W	R. L. Polk and Co. Publishers	Image pg. A28
	Moss Betty	R. L. Polk and Co. Publishers	Image pg. A28
	Hopkins Delma E Mrs	R. L. Polk and Co. Publishers	Image pg. A28
	Clarke Beme	R. L. Polk and Co. Publishers	Image pg. A28
	Tiniakos Clara	R. L. Polk and Co. Publishers	Image pg. A36
	Gould Margt P	R. L. Polk and Co. Publishers	Image pg. A36
	Kort K	R. L. Polk and Co. Publishers	Image pg. A36
	Matthews Chrystal K Mrs	R. L. Polk and Co. Publishers	Image pg. A36
	Redmond J	R. L. Polk and Co. Publishers	Image pg. A36
	Patten Barbara L	R. L. Polk and Co. Publishers	Image pg. A36
	Stewart Fern L	R. L. Polk and Co. Publishers	Image pg. A36
	Keaton I	R. L. Polk and Co. Publishers	Image pg. A36
	Ross James	R. L. Polk and Co. Publishers	Image pg. A36
	Kay Warren A	R. L. Polk and Co. Publishers	Image pg. A36
	Conrad Harry M	R. L. Polk and Co. Publishers	Image pg. A36
	Stark L	R. L. Polk and Co. Publishers	Image pg. A36
	Kuhnhausen Mary E Mrs	R. L. Polk and Co. Publishers	Image pg. A36
	Vacant	R. L. Polk and Co. Publishers	Image pg. A36
	Gower Teresa	R. L. Polk and Co. Publishers	Image pg. A36
	Renfroe Harold D	R. L. Polk and Co. Publishers	Image pg. A36
	Holman J R	R. L. Polk and Co. Publishers	Image pg. A28
	Wreth M	R. L. Polk and Co. Publishers	Image pg. A28
	Lamerton Ruth E	R. L. Polk and Co. Publishers	Image pg. A28
	Vacant	R. L. Polk and Co. Publishers	Image pg. A28

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Year	Uses	Source	
1975	Blanton C	R. L. Polk and Co. Publishers	Image pg. A28
	Smith Elaine	R. L. Polk and Co. Publishers	Image pg. A28
	Gary Ola M	R. L. Polk and Co. Publishers	Image pg. A28
	Reynolds Clifford W	R. L. Polk and Co. Publishers	Image pg. A28
	Wallsteed R J	R. L. Polk and Co. Publishers	Image pg. A28
	Wilson Cath M Mrs	R. L. Polk and Co. Publishers	Image pg. A28
	Zagora Anna	R. L. Polk and Co. Publishers	Image pg. A28
	Vacant	R. L. Polk and Co. Publishers	Image pg. A28
	Clark Ella	R. L. Polk and Co. Publishers	Image pg. A28
	Guptil Eliz Mrs	R. L. Polk and Co. Publishers	Image pg. A28
	Randolphs J	R. L. Polk and Co. Publishers	Image pg. A28
	Hemminger Meretta W Mrs	R. L. Polk and Co. Publishers	Image pg. A28
	Fontana Mary D Mrs	R. L. Polk and Co. Publishers	Image pg. A28
	Wood Linda	R. L. Polk and Co. Publishers	Image pg. A28
	clinic	R. L. Polk and Co. Publishers	Image pg. A36
	Ford J	R. L. Polk and Co. Publishers	Image pg. A36
	Harris Orvel	R. L. Polk and Co. Publishers	Image pg. A36
	Barkhurst Nellie	R. L. Polk and Co. Publishers	Image pg. A36
	Dockstader Michl G	R. L. Polk and Co. Publishers	Image pg. A36
	Gordon Elsie L Mrs	R. L. Polk and Co. Publishers	Image pg. A36
	Gillson Lorena	R. L. Polk and Co. Publishers	Image pg. A36
	Sheehan Gertrude	R. L. Polk and Co. Publishers	Image pg. A36
	Vacant	R. L. Polk and Co. Publishers	Image pg. A36
	Vacant	R. L. Polk and Co. Publishers	Image pg. A36
	Rogers J Melvin	R. L. Polk and Co. Publishers	Image pg. A36
	Jiroch Mary	R. L. Polk and Co. Publishers	Image pg. A36
1970	STREET CONTINUED	R. L. Polk Co. Publishers	Image pg. A39
	REX ARMS APARTMENTS	R. L. Polk Co. Publishers	Image pg. A39
	A HOFFMAN ELIZ MRS	R. L. Polk Co. Publishers	Image pg. A39
	COOPER ROSE MRS	R. L. Polk Co. Publishers	Image pg. A39
	A GOLDSMITH LILLIAN C	R. L. Polk Co. Publishers	Image pg. A39
	B GILLSON LOREN	R. L. Polk Co. Publishers	Image pg. A39
	A FITZGERALD OCTAVIA MRS	R. L. Polk Co. Publishers	Image pg. A39
	B HORNOR NELLIE	R. L. Polk Co. Publishers	Image pg. A39
	SA BRUGGEMANN EOW SB JAKSHA CHRISTINA R	R. L. Polk Co. Publishers	Image pg. A39
	LAMERTON RUTH MRS 23 S 9409	R. L. Polk Co. Publishers	Image pg. A39
	EGAN LAWRENCE	R. L. Polk Co. Publishers	Image pg. A39
	DINGINGER MAUDE	R. L. Polk Co. Publishers	Image pg. A39

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Year	Uses	Source	
1970	WINN GLADYS N	R. L. Polk Co. Publishers	Image pg. A39
	HARDMAN MARY	R. L. Polk Co. Publishers	Image pg. A39
	HINTZ WM	R. L. Polk Co. Publishers	Image pg. A39
	HOPKINS DELMA MRS	R. L. Polk Co. Publishers	Image pg. A39
	JONES NELLI C MRS	R. L. Polk Co. Publishers	Image pg. A39
	GRIBSKOV CHERYL	R. L. Polk Co. Publishers	Image pg. A39
	CHILES FLORENCE MRS	R. L. Polk Co. Publishers	Image pg. A39
	LILLY BESSIE	R. L. Polk Co. Publishers	Image pg. A39
	TORR HULD	R. L. Polk Co. Publishers	Image pg. A39
	PERRY VIRGIL	R. L. Polk Co. Publishers	Image pg. A39
	PUGH VALENTINA	R. L. Polk Co. Publishers	Image pg. A39
	GARY OLA M	R. L. Polk Co. Publishers	Image pg. A39
	HUSTED ROSE MRS	R. L. Polk Co. Publishers	Image pg. A39
	WARNER WM	R. L. Polk Co. Publishers	Image pg. A39
	WILSON CATH MRS	R. L. Polk Co. Publishers	Image pg. A39
	LYTLE OL	R. L. Polk Co. Publishers	Image pg. A39
	STURBICK MILDRED	R. L. Polk Co. Publishers	Image pg. A39
	BERGE EILEEN	R. L. Polk Co. Publishers	Image pg. A39
	GUPTILL ELIZ MRS	R. L. Polk Co. Publishers	Image pg. A39
	GEIS ERWIN W	R. L. Polk Co. Publishers	Image pg. A39
	HEMMINGER MERETTA W MRS	R. L. Polk Co. Publishers	Image pg. A39
	BASSEM PATTI	R. L. Polk Co. Publishers	Image pg. A39
	COOK ALTA E	R. L. Polk Co. Publishers	Image pg. A39
	FORD ROBT	R. L. Polk Co. Publishers	Image pg. A39
	SULLIVAN JENNIFER S	R. L. Polk Co. Publishers	Image pg. A39
	BARDHURST NELLIE I	R. L. Polk Co. Publishers	Image pg. A39
	LAMBERT JOE T	R. L. Polk Co. Publishers	Image pg. A39
	GORION ELSIE MRS	R. L. Polk Co. Publishers	Image pg. A39
	ORDERS DOREEN	R. L. Polk Co. Publishers	Image pg. A39
	GILLAN BERTHA E MRS	R. L. Polk Co. Publishers	Image pg. A39
	ELLIS CHARLES	R. L. Polk Co. Publishers	Image pg. A39
	IDLE WM C	R. L. Polk Co. Publishers	Image pg. A39
	TRANCHELL EUG J	R. L. Polk Co. Publishers	Image pg. A39
	JIROCH MARY	R. L. Polk Co. Publishers	Image pg. A39
	FOX RALPH	R. L. Polk Co. Publishers	Image pg. A39
	GOULD MARGT P	R. L. Polk Co. Publishers	Image pg. A39
	MURRAY LAURA	R. L. Polk Co. Publishers	Image pg. A39
	MATTHEWS CHRYSTAL K MRS	R. L. Polk Co. Publishers	Image pg. A39

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Year	Uses	Source	
1970	86	R. L. Polk Co. Publishers	Image pg. A39
	CATE EDDIE	R. L. Polk Co. Publishers	Image pg. A39
	PATTEN BARBARA L	R. L. Polk Co. Publishers	Image pg. A39
	BINGHAM ISAAC G	R. L. Polk Co. Publishers	Image pg. A39
	IVERSON D E	R. L. Polk Co. Publishers	Image pg. A39
	BOHEN BETH V	R. L. Polk Co. Publishers	Image pg. A39
	VOWELS ROY	R. L. Polk Co. Publishers	Image pg. A39
	CONRAD HARRY M	R. L. Polk Co. Publishers	Image pg. A39
	WELLS JAUNITA MRS	R. L. Polk Co. Publishers	Image pg. A39
	KUHNHAUSEN MARY E MRS	R. L. Polk Co. Publishers	Image pg. A39
	JOHNSON LA VERNE R	R. L. Polk Co. Publishers	Image pg. A39
	TUTTLE CARL	R. L. Polk Co. Publishers	Image pg. A39
	PUTMAN EVA M	R. L. Polk Co. Publishers	Image pg. A39
1946	Bass Geo E r	The Pacific Telephone and Telegraph Company	
	Brill John P r	The Pacific Telephone and Telegraph Company	
	Carey Betty L r	The Pacific Telephone and Telegraph Company	
	Cason Lorena Mrs r	The Pacific Telephone and Telegraph Company	
	Davis Grace M r	The Pacific Telephone and Telegraph Company	
	Hilleary F Mrs r	The Pacific Telephone and Telegraph Company	
	Huckba Louise R r	The Pacific Telephone and Telegraph Company	
	Ingalls Jean r	The Pacific Telephone and Telegraph Company	
	Jiroch Mary r	The Pacific Telephone and Telegraph Company	
	Mc Phee Wm r	The Pacific Telephone and Telegraph Company	
	Moore Arthur R r	The Pacific Telephone and Telegraph Company	
	Ness Leafie r	The Pacific Telephone and Telegraph Company	
	Rex Arms Apts	The Pacific Telephone and Telegraph Company	
	Rice Chas E r	The Pacific Telephone and Telegraph Company	
	Schoenheit Virginia N r	The Pacific Telephone and Telegraph Company	
	Thornton Opal E r	The Pacific Telephone and Telegraph Company	

Year	Uses	Source
1946	Worthington Arthur R r	The Pacific Telephone and Telegraph Company

SE Morrison St

1235 SE Morrison St

Year	Uses	Source
2014	SYNERGY LEGAL INC	EDR Digital Archive
	PAUMBI PROPERTIES LLC	EDR Digital Archive
	EQUITY DESIGN LLC	EDR Digital Archive
	MARTINEZ PAUL D	EDR Digital Archive
	BAKER AND GINGELL	EDR Digital Archive
	ROBERT M HUTSELL CPA	EDR Digital Archive
2010	BAKER AND GINGELL	EDR Digital Archive
	PINSON PHLNTHROPIC ADVANCEMENT	EDR Digital Archive
	EQUITY DESIGN LLC	EDR Digital Archive
	PAUMBI PROPERTIES LLC	EDR Digital Archive
	FIRST CLASS SHOPPING	EDR Digital Archive
	M2M LENDING GROUP	EDR Digital Archive
	FIRST PRIORITY FINANCIAL INC	EDR Digital Archive
	SYNERGY LEGAL INC	EDR Digital Archive

SE MORRISON ST

1235 SE MORRISON ST

Year	Uses	Source	
2005	Chambertaln& Associates Inc	Cole Information Services	Image pg. A1
	Building	Cole Information Services	Image pg. A1
	Gregg David R & Associates Pc	Cole Information Services	Image pg. A1
	Riffel Financial Services Lie	Cole Information Services	Image pg. A1
	Precislon Print Corn	Cole Information Services	Image pg. A1
	occupant	Cole Information Services	Image pg. A1
	Pinson Philanthropic Advancement Inc	Cole Information Services	Image pg. A1
1985	Tobey Kenneth I Inc ins agcy	R. L. Polk and Co. Publishers	Image pg. A7
	broker	R. L. Polk and Co. Publishers	Image pg. A7
	Select Marketing Co produce	R. L. Polk and Co. Publishers	Image pg. A7

FINDINGS

1245 SE MORRISON ST

Year	Uses	Source	
1970	PLAHN PATTY	R. L. Polk Co. Publishers	Image pg. A39
1946	Zaremba J J r	The Pacific Telephone and Telegraph Company	

1247 SE MORRISON ST

Year	Uses	Source	
1970	SUMMERS GLADYS M MRS	R. L. Polk Co. Publishers	Image pg. A39

SE Morrison St

1300 SE Morrison St

Year	Uses	Source
2014	ZELLS AN AMERICAN CAFE	EDR Digital Archive
2010	ZELLS AN AMERICAN CAFE	EDR Digital Archive

SE MORRISON ST

1300 SE MORRISON ST

Year	Uses	Source	
2005	Zells An American Cafe	Cole Information Services	Image pg. A1
1985	Zells An American Cafe restr	R. L. Polk and Co. Publishers	Image pg. A7
1981	restr	R.L. Polk Co. Publishers	Image pg. A18
	Old Morrison Food & Fountain	R.L. Polk Co. Publishers	Image pg. A18
1975	Vics Sundries & Toiletries	R. L. Polk and Co. Publishers	Image pg. A36
1970	VICS SUNDRIES E TOILETRIES	R. L. Polk Co. Publishers	Image pg. A39
1946	Daves Sundries	The Pacific Telephone and Telegraph Company	

SE Morrison St

1301 SE Morrison St

Year	Uses	Source
2014	DEQ-VEHICLE INSPECTION PROGRAM	EDR Digital Archive

SE MORRISON ST

1301 SE MORRISON ST

Year	Uses	Source
1946	Bennett Marion W r	The Pacific Telephone and Telegraph Company

FINDINGS

1305 SE MORRISON ST

Year	Uses	Source	
1975	Paskel Dorothy	R. L. Polk and Co. Publishers	Image pg. A36
	ONeil Donald	R. L. Polk and Co. Publishers	Image pg. A36
1970	RYTTER ELDON A	R. L. Polk Co. Publishers	Image pg. A39

1307 SE MORRISON ST

Year	Uses	Source	
1975	Jackson Leona L Mrs	R. L. Polk and Co. Publishers	Image pg. A36
1970	JACKSON CLYDE A	R. L. Polk Co. Publishers	Image pg. A39
1946	Jackson Clyde A r	The Pacific Telephone and Telegraph Company	

SE Morrison St

1308 SE Morrison St

Year	Uses	Source
2014	HALS TAVERN	EDR Digital Archive
	BRIGHT AND SHINY TRADING LLC	EDR Digital Archive
2010	HALS TAVERN	EDR Digital Archive
	SHEA FAMILY CORP	EDR Digital Archive

SE MORRISON ST

1308 SE MORRISON ST

Year	Uses	Source	
2005	Hals Tavern	Cole Information Services	Image pg. A1
1985	Hals Tavern	R. L. Polk and Co. Publishers	Image pg. A7
1981	Hals Tavern	R.L. Polk Co. Publishers	Image pg. A18
1975	Hals Tavern	R. L. Polk and Co. Publishers	Image pg. A36
1970	HALS TAVERN	R. L. Polk Co. Publishers	Image pg. A39
1946	Daves Tavern	The Pacific Telephone and Telegraph Company	

1317 SE MORRISON ST

Year	Uses	Source
1946	Penney Jos H r	The Pacific Telephone and Telegraph Company

1320 SE MORRISON ST

Year	Uses	Source	
2005	Nancy Stroble	Cole Information Services	Image pg. A1

FINDINGS

1321 SE MORRISON ST

Year	Uses	Source	
1970	WAGNER DAVID	R. L. Polk Co. Publishers	Image pg. A39

SE Morrison St

1322 SE Morrison St

Year	Uses	Source	
2010	OREGON STATE UNIVERSITY	EDR Digital Archive	

SE MORRISON ST

1322 SE MORRISON ST

Year	Uses	Source	
2005	Oregon Natural Heritage Program	Cole Information Services	Image pg. A1
	occupant	Cole Information Services	Image pg. A1
	Oregon State University	Cole Information Services	Image pg. A1
1985	Williams B Irvin	R. L. Polk and Co. Publishers	Image pg. A7
1981	Williams B Irvin	R.L. Polk Co. Publishers	Image pg. A18
1975	Williams B Irvin	R. L. Polk and Co. Publishers	Image pg. A36
1970	WILLIAMS B IRVIN	R. L. Polk Co. Publishers	Image pg. A39

1323 SE MORRISON ST

Year	Uses	Source	
1970	ZENGER JOHN	R. L. Polk Co. Publishers	Image pg. A39

1327 SE MORRISON ST

Year	Uses	Source	
1970	REID CHESTER J	R. L. Polk Co. Publishers	Image pg. A39
1946	Schubert Darrell r	The Pacific Telephone and Telegraph Company	
	Bonna Lee Beauty Shop	The Pacific Telephone and Telegraph Company	

1328 SE MORRISON ST

Year	Uses	Source	
1985	Presto Cleaners	R. L. Polk and Co. Publishers	Image pg. A7
1981	Presto Cleaners	R.L. Polk Co. Publishers	Image pg. A18
1975	Presto Cleaners	R. L. Polk and Co. Publishers	Image pg. A36
1970	PRESTO CLEANERS	R. L. Polk Co. Publishers	Image pg. A39
1946	Presto Cleaners	The Pacific Telephone and Telegraph Company	

Year	Uses	Source
1946	Williams Irvin Presto Clnrs	The Pacific Telephone and Telegraph Company

SE Morrison St

1335 SE Morrison St

Year	Uses	Source
2014	AMERICAN IMPRINT	EDR Digital Archive
2010	AMERICAN IMPRINT	EDR Digital Archive

SE MORRISON ST

1335 SE MORRISON ST

Year	Uses	Source	
2005	Peter AAppleton	Cole Information Services	Image pg. A1
	Wanda H Appleton	Cole Information Services	Image pg. A1
	SE 15TH AVE INTS	Cole Information Services	Image pg. A1
1985	Schulz Amy M Mrs	R. L. Polk and Co. Publishers	Image pg. A7
1981	Schulz Amy M Mrs	R.L. Polk Co. Publishers	Image pg. A18
1975	Schulz Amy M Mrs	R. L. Polk and Co. Publishers	Image pg. A36
1970	SCHULZ AMY M MRS	R. L. Polk Co. Publishers	Image pg. A39
1946	Olsen Robt L r	The Pacific Telephone and Telegraph Company	
	Schulz Amy r	The Pacific Telephone and Telegraph Company	

1336 SE MORRISON ST

Year	Uses	Source	
1975	His Laundromat	R. L. Polk and Co. Publishers	Image pg. A36
1970	HIS LAUNDROMAT	R. L. Polk Co. Publishers	Image pg. A39

1339 SE MORRISON ST

Year	Uses	Source	
1985	Schulz Amy Beauty Shop	R. L. Polk and Co. Publishers	Image pg. A7
1981	Schulz Amy Beauty Shop	R.L. Polk Co. Publishers	Image pg. A18
1975	Schulz Amy Beauty Shop	R. L. Polk and Co. Publishers	Image pg. A36
1970	SCHULZ AMY BEAUTY SHOP	R. L. Polk Co. Publishers	Image pg. A39
	SE 14TH AV :NTERSECTS	R. L. Polk Co. Publishers	Image pg. A39

FINDINGS

SE WASHINGTON

1012 SE WASHINGTON

Year	Uses	Source
1992	SCHOEPPER Greg A Schoepper Agency Inc ins	US WEST DIRECT
	SCHOEPPER Edward R Schoepper Agency Inc ins	US WEST DIRECT
	SCHOEPPER E Robert II Schoepper Agency Inc ins	US WEST DIRECT

1034 SE WASHINGTON

Year	Uses	Source
1992	NWANKWO Onwuchelu	US WEST DIRECT
	WICKES Lois	US WEST DIRECT

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Year	Uses	Source	
1981	Vacant	R.L. Polk Co. Publishers	Image pg. A25
1975	Phantasmagoria House antique	R. L. Polk and Co. Publishers	Image pg. A37
1946	Andrews Grocery	The Pacific Telephone and Telegraph Company	

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Year	Uses	Source	
2005	Willamette Funding Li	Cole Information Services	Image pg. A4
	Market Driven Automotive Group Inc	Cole Information Services	Image pg. A4
	Balcom Construction	Cole Information Services	Image pg. A4
1981	Lewis Bros Inc whol meat	R.L. Polk Co. Publishers	Image pg. A25
1975	Lewis Bros Inc whol meat	R. L. Polk and Co. Publishers	Image pg. A37
1970	LEWIS BROS INC WHOL MEAT	R. L. Polk Co. Publishers	Image pg. A48

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Year	Uses	Source	
1981	Vacant	R.L. Polk Co. Publishers	Image pg. A25
1975	Cheesman Arth	R. L. Polk and Co. Publishers	Image pg. A37
1970	VACANT	R. L. Polk Co. Publishers	Image pg. A48

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Year	Uses	Source	
1985	Schoeppor Agency Inc ins	R. L. Polk and Co. Publishers	Image pg. A16

FINDINGS

Year	Uses	Source	
1985	Giannatti Insurance Agency	R. L. Polk and Co. Publishers	Image pg. A16
	14 Nyleta Court Apartments	R. L. Polk and Co. Publishers	Image pg. A16
	Carpenter Dani	R. L. Polk and Co. Publishers	Image pg. A16
	Vacant	R. L. Polk and Co. Publishers	Image pg. A16
	Wickes Lois A	R. L. Polk and Co. Publishers	Image pg. A16
	Nwankwo Onwuchelu	R. L. Polk and Co. Publishers	Image pg. A16
1981	Schoepper Agency Inc	R.L. Polk Co. Publishers	Image pg. A25
1975	Schoepper Agency Inc	R. L. Polk and Co. Publishers	Image pg. A37
1970	SCHOEPPER AGENCY INC INS	R. L. Polk Co. Publishers	Image pg. A48

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Year	Uses	Source	
1970	THOMAS H L CABINET SHOP	R. L. Polk Co. Publishers	Image pg. A48
	THOMAS HARRY L e	R. L. Polk Co. Publishers	Image pg. A48
1946	Neumann Wm E r	The Pacific Telephone and Telegraph Company	

1034 SE WASHINGTON ST

Year	Uses	Source	
2005	Apartments	Cole Information Services	Image pg. A4
	Katy SPearson	Cole Information Services	Image pg. A4
1981	Bickle Wm L	R.L. Polk Co. Publishers	Image pg. A25
	Vacant	R.L. Polk Co. Publishers	Image pg. A25
	Koepke Lloyd F	R.L. Polk Co. Publishers	Image pg. A25
	Wickes Lotsa A	R.L. Polk Co. Publishers	Image pg. A25
	Nyleta Court Apartments	R.L. Polk Co. Publishers	Image pg. A25
1975	Groce Edw	R. L. Polk and Co. Publishers	Image pg. A37
	Bickle Wm L	R. L. Polk and Co. Publishers	Image pg. A37
	Galles Mich	R. L. Polk and Co. Publishers	Image pg. A37
	Wickes Lois A	R. L. Polk and Co. Publishers	Image pg. A37
	Nyleta Court Apartments	R. L. Polk and Co. Publishers	Image pg. A37
1970	S HEUER LESTER	R. L. Polk Co. Publishers	Image pg. A48
	SENNETT VIRGINIA	R. L. Polk Co. Publishers	Image pg. A48
	DENNIS MAXINE F MRS	R. L. Polk Co. Publishers	Image pg. A48
	NYLETA COURT APARTMENTS	R. L. Polk Co. Publishers	Image pg. A48
	PARLETTE LOIS	R. L. Polk Co. Publishers	Image pg. A48
1946	Ericksen Edw r	The Pacific Telephone and Telegraph Company	
	Smith Jim H r	The Pacific Telephone and Telegraph Company	

FINDINGS

1035 SE WASHINGTON ST

Year	Uses	Source	
2005	Brian J Opet	Cole Information Services	Image pg. A4
1985	Snydsr Jeffrey B	R. L. Polk and Co. Publishers	Image pg. A16
1981	Bicknese Larry J	R.L. Polk Co. Publishers	Image pg. A25
1975	Kurzhal S I	R. L. Polk and Co. Publishers	Image pg. A37
1970	HENRY DARRYL L	R. L. Polk Co. Publishers	Image pg. A48
1946	Morris Herman D r	The Pacific Telephone and Telegraph Company	

1037 SE WASHINGTON ST

Year	Uses	Source	
2005	No Occupant	Cole Information Services	Image pg. A4
1985	Vacant	R. L. Polk and Co. Publishers	Image pg. A16
1981	Haley Jean M Mrs	R.L. Polk Co. Publishers	Image pg. A25
1975	Haley Jean M Mrs	R. L. Polk and Co. Publishers	Image pg. A37
1970	HALEY JEAN MRS	R. L. Polk Co. Publishers	Image pg. A48
1946	Sutton Noah r	The Pacific Telephone and Telegraph Company	

1061 SE WASHINGTON ST

Year	Uses	Source	
2005	0Pete Anderson Realty Associates Inc	Cole Information Services	Image pg. A5

1100 SE WASHINGTON ST

Year	Uses	Source	
1985	Lewis Brothers Inc whol meat	R. L. Polk and Co. Publishers	Image pg. A16

SE YAMHILL

1222 SE YAMHILL

Year	Uses	Source
1946	Hadduck A G r	The Pacific Telephone and Telegraph Company

1223 SE YAMHILL

Year	Uses	Source
1992	GIBSON L R	US WEST DIRECT

1224 SE YAMHILL

Year	Uses	Source
1992	FENDRICK T K	US WEST DIRECT

FINDINGS

1225 SE YAMHILL

Year	Uses	Source
1992	STALLINGS Chester C	US WEST DIRECT
	TOVELL Christopher	US WEST DIRECT
	FRIEDLI L	US WEST DIRECT
	PETERSON Brandt G	US WEST DIRECT

1227 SE YAMHILL

Year	Uses	Source
1946	Bequeaith Lee H r	The Pacific Telephone and Telegraph Company
	Bequeaith Wm H Mrs r	The Pacific Telephone and Telegraph Company

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Year	Uses	Source
1992	WINNER James III	US WEST DIRECT
	TREMBLAY M	US WEST DIRECT
	SCHUMANN Thomas	US WEST DIRECT
	CURTIS Pete	US WEST DIRECT
1946	Rudie Neldon A r	The Pacific Telephone and Telegraph Company
	Jordan Marie V r	The Pacific Telephone and Telegraph Company
	Fisher Winifred r	The Pacific Telephone and Telegraph Company

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Year	Uses	Source
1992	SMITH Ken	US WEST DIRECT
1946	Maney Francis r	The Pacific Telephone and Telegraph Company

SE YAMHILL ST

1222 SE YAMHILL ST

Year	Uses	Source	
2005	Paul ISMinty	Cole Information Services	Image pg. A6
1985	Fendrick T K	R. L. Polk and Co. Publishers	Image pg. A17
1981	Fendrick T K	R.L. Polk Co. Publishers	Image pg. A26
1975	Cox Geo W	R. L. Polk and Co. Publishers	Image pg. A38
1970	WEIR HARRY E	R. L. Polk Co. Publishers	Image pg. A49

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1223 SE YAMHILL ST

Year	Uses	Source	
2005	RDavis	Cole Information Services	Image pg. A6
1985	Lambert Linda K	R. L. Polk and Co. Publishers	Image pg. A17
1981	Kays Sharon J	R.L. Polk Co. Publishers	Image pg. A26
1975	Worona Peter	R. L. Polk and Co. Publishers	Image pg. A38
1970	VACANT	R. L. Polk Co. Publishers	Image pg. A49

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Year	Uses	Source	
2005	Apartments	Cole Information Services	Image pg. A6
	Renee Echevarria	Cole Information Services	Image pg. A6
	Mark E Morrison	Cole Information Services	Image pg. A6
1985	Hartsock Melody	R. L. Polk and Co. Publishers	Image pg. A17
	Rodlin Allan	R. L. Polk and Co. Publishers	Image pg. A17
	Davis Tod	R. L. Polk and Co. Publishers	Image pg. A17
	Apartments	R. L. Polk and Co. Publishers	Image pg. A17
	Gonzales Tex	R. L. Polk and Co. Publishers	Image pg. A17
	Gibson Lila	R. L. Polk and Co. Publishers	Image pg. A17
	Scott Rick	R. L. Polk and Co. Publishers	Image pg. A17
	Vacant	R. L. Polk and Co. Publishers	Image pg. A17
1981	Apartments	R.L. Polk Co. Publishers	Image pg. A26
	Kane A R	R.L. Polk Co. Publishers	Image pg. A26
	Hop S	R.L. Polk Co. Publishers	Image pg. A26
	Robson T	R.L. Polk Co. Publishers	Image pg. A26
	Perez Leila	R.L. Polk Co. Publishers	Image pg. A26
	Mercuno Janet M	R.L. Polk Co. Publishers	Image pg. A26
	Williamaen Wm	R.L. Polk Co. Publishers	Image pg. A26
	Elkins Stuart	R.L. Polk Co. Publishers	Image pg. A26
1975	Apartments	R. L. Polk and Co. Publishers	Image pg. A38
	Anderson Sandra	R. L. Polk and Co. Publishers	Image pg. A38
	Vacant	R. L. Polk and Co. Publishers	Image pg. A38
	Shoemaker J	R. L. Polk and Co. Publishers	Image pg. A38
	Law Tom	R. L. Polk and Co. Publishers	Image pg. A38
	La Bonte Donald	R. L. Polk and Co. Publishers	Image pg. A38
	Hupp Tom	R. L. Polk and Co. Publishers	Image pg. A38
	Chipps Wm D	R. L. Polk and Co. Publishers	Image pg. A38
	Kavs Wm R	R. L. Polk and Co. Publishers	Image pg. A38
1970	APARTMENTS	R. L. Polk Co. Publishers	Image pg. A49
	VACANT	R. L. Polk Co. Publishers	Image pg. A49

FINDINGS

Year	Uses	Source	
1970	HUMELAND JACK	R. L. Polk Co. Publishers	Image pg. A49
	VACANT	R. L. Polk Co. Publishers	Image pg. A49
	ERICKSON MARY J	R. L. Polk Co. Publishers	Image pg. A49
	KONSHINA MARENA	R. L. Polk Co. Publishers	Image pg. A49
	MC CARTER DACA M	R. L. Polk Co. Publishers	Image pg. A49

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Year	Uses	Source	
2005	Ariel Eason	Cole Information Services	Image pg. A6
1985	Newberry Lane W	R. L. Polk and Co. Publishers	Image pg. A17
1981	Meads Virgil E	R.L. Polk Co. Publishers	Image pg. A26
1975	Greenwood James A	R. L. Polk and Co. Publishers	Image pg. A38
1970	VACANT	R. L. Polk Co. Publishers	Image pg. A49

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Year	Uses	Source	
2005	Apartments	Cole Information Services	Image pg. A6
	OLynn Marie Bauer	Cole Information Services	Image pg. A6
	Jhordan Sophia Dahl	Cole Information Services	Image pg. A6
	Karin E Dibling	Cole Information Services	Image pg. A6
	OAmy E Faucon	Cole Information Services	Image pg. A6
	Wayne Northrop	Cole Information Services	Image pg. A6
	Kathleen Puleo	Cole Information Services	Image pg. A6
	Justin Steffen	Cole Information Services	Image pg. A6
	Douglas Vanzandt	Cole Information Services	Image pg. A6
1985	Lewis Apartments	R. L. Polk and Co. Publishers	Image pg. A17
	Simard Annette	R. L. Polk and Co. Publishers	Image pg. A17
	Finlayson	R. L. Polk and Co. Publishers	Image pg. A17
	Gooch Brad	R. L. Polk and Co. Publishers	Image pg. A17
	Kuhl	R. L. Polk and Co. Publishers	Image pg. A17
	Benson	R. L. Polk and Co. Publishers	Image pg. A17
	No Return	R. L. Polk and Co. Publishers	Image pg. A17
	Weiland	R. L. Polk and Co. Publishers	Image pg. A17
	Baird Alan	R. L. Polk and Co. Publishers	Image pg. A17
	Read Rudy	R. L. Polk and Co. Publishers	Image pg. A17
	Schuh Melvin F	R. L. Polk and Co. Publishers	Image pg. A17
	Vacant	R. L. Polk and Co. Publishers	Image pg. A17
	Lemere L	R. L. Polk and Co. Publishers	Image pg. A17
1981	Lewis Apartments	R.L. Polk Co. Publishers	Image pg. A26

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Year	Uses	Source	
1981	Woods Regina	R.L. Polk Co. Publishers	Image pg. A26
	Miller Sherry A	R.L. Polk Co. Publishers	Image pg. A26
	Woods Pamela	R.L. Polk Co. Publishers	Image pg. A26
	Dillon Michi	R.L. Polk Co. Publishers	Image pg. A26
	Sheehan Kevin	R.L. Polk Co. Publishers	Image pg. A26
	Schuh Melvin F	R.L. Polk Co. Publishers	Image pg. A26
	Walker Tammy	R.L. Polk Co. Publishers	Image pg. A26
	Dodson Robt	R.L. Polk Co. Publishers	Image pg. A26
	Vacant	R.L. Polk Co. Publishers	Image pg. A26
	Brown James II	R.L. Polk Co. Publishers	Image pg. A26
	Simard Annette	R.L. Polk Co. Publishers	Image pg. A26
	Rivers Ocie E	R.L. Polk Co. Publishers	Image pg. A26
1975	Lewis Apartments	R. L. Polk and Co. Publishers	Image pg. A38
	Silva R	R. L. Polk and Co. Publishers	Image pg. A38
	Shereck Ray	R. L. Polk and Co. Publishers	Image pg. A38
	Mureno J	R. L. Polk and Co. Publishers	Image pg. A38
	Strickland Janice	R. L. Polk and Co. Publishers	Image pg. A38
	Evans Ann	R. L. Polk and Co. Publishers	Image pg. A38
	Schuh Melvin F	R. L. Polk and Co. Publishers	Image pg. A38
	Barron Jessie	R. L. Polk and Co. Publishers	Image pg. A38
	Vacant	R. L. Polk and Co. Publishers	Image pg. A38
	Talamante Hector	R. L. Polk and Co. Publishers	Image pg. A38
	Lewman Lawrence	R. L. Polk and Co. Publishers	Image pg. A38
	Benedict Danl J	R. L. Polk and Co. Publishers	Image pg. A38
	Roberts Danl	R. L. Polk and Co. Publishers	Image pg. A38
1970	LEWIS APARTMENTS	R. L. Polk Co. Publishers	Image pg. A49
	STUBBS RDBT	R. L. Polk Co. Publishers	Image pg. A49
	AMOS TOM G	R. L. Polk Co. Publishers	Image pg. A49
	THOMAS GLEN	R. L. Polk Co. Publishers	Image pg. A49
	VACANT	R. L. Polk Co. Publishers	Image pg. A49
	SHUH MELVIN	R. L. Polk Co. Publishers	Image pg. A49
	OELACRUZ JOHN	R. L. Polk Co. Publishers	Image pg. A49
	TURNER HARRIET MRS 23 S 5717	R. L. Polk Co. Publishers	Image pg. A49
	MAYFIELO ROBT	R. L. Polk Co. Publishers	Image pg. A49
	VIDOVICS BOGANA	R. L. Polk Co. Publishers	Image pg. A49
	VACANT	R. L. Polk Co. Publishers	Image pg. A49
	SMITH FRANK	R. L. Polk Co. Publishers	Image pg. A49
	JOHNSON BENNIE D	R. L. Polk Co. Publishers	Image pg. A49

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Year	Uses	Source	
2005	Tom Kremer	Cole Information Services	Image pg. A6
1985	Rider Lance	R. L. Polk and Co. Publishers	Image pg. A17
	Abelsen Arth	R. L. Polk and Co. Publishers	Image pg. A17
	Kuskie C	R. L. Polk and Co. Publishers	Image pg. A17
	Smith Kenneth R Jr	R. L. Polk and Co. Publishers	Image pg. A17
	Youth Progress Group Home	R. L. Polk and Co. Publishers	Image pg. A17
1981	Youth Progress Group Home	R.L. Polk Co. Publishers	Image pg. A26
1975	Dunford S	R. L. Polk and Co. Publishers	Image pg. A38
1970	HANSEN RUTH MRS	R. L. Polk Co. Publishers	Image pg. A49

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Year	Uses	Source	
1960	Vacant	R. L. Polk Co. Publishers	Image pg. A75
1955	Vacant	R. L. Polk Co. Publishers	Image pg. A86
1950	Tuney P C	R. L. Polk Co. Publisher	Image pg. A95
1940	rear Johnson Carl A	R.L. Polk Co., Inc.	Image pg. A106
	Gwynn Marie R Mrs gro	R.L. Polk Co., Inc.	Image pg. A106

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Year	Uses	Source	
1960	Lewvis Bros Inc gros whol	R. L. Polk Co. Publishers	Image pg. A75

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Year	Uses	Source	
1960	Lindekugel John F	R. L. Polk Co. Publishers	Image pg. A75
1955	Cea Wm V	R. L. Polk Co. Publishers	Image pg. A86
1940	Neumann Wilmer G	R.L. Polk Co., Inc.	Image pg. A106

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Year	Uses	Source	
1960	Thomas Harry L	R. L. Polk Co. Publishers	Image pg. A75
1955	Thomas Harry L	R. L. Polk Co. Publishers	Image pg. A86
1950	ABlancs F B	R. L. Polk Co. Publisher	Image pg. A95
1940	Blanc Fredk E	R.L. Polk Co., Inc.	Image pg. A106
	Neumann Wm E pntr	R.L. Polk Co., Inc.	Image pg. A106

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1025 WASHINGTON SE

Year	Uses	Source	
1955	Neumann Harry W	R. L. Polk Co. Publishers	Image pg. A86
1950	ADay H C Mrs	R. L. Polk Co. Publisher	Image pg. A95
1940	Shell Anna Mrs	R.L. Polk Co., Inc.	Image pg. A106
	Ragan Albert S	R.L. Polk Co., Inc.	Image pg. A106

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Year	Uses	Source	
1960	Svoboda Raymond A	R. L. Polk Co. Publishers	Image pg. A75
	Clark Merideth	R. L. Polk Co. Publishers	Image pg. A75
	Speer Robt M	R. L. Polk Co. Publishers	Image pg. A75
	Nyleta Court Apartments	R. L. Polk Co. Publishers	Image pg. A75
	Dennis Maxine F Mrs	R. L. Polk Co. Publishers	Image pg. A75
	Langford Archie	R. L. Polk Co. Publishers	Image pg. A75
1955	Class Susanna	R. L. Polk Co. Publishers	Image pg. A86
	Pfenning Donald R	R. L. Polk Co. Publishers	Image pg. A86
	Keller Winifred L Mrs	R. L. Polk Co. Publishers	Image pg. A86
	Dreske Marie E	R. L. Polk Co. Publishers	Image pg. A86
	Nyleta Court Apartments	R. L. Polk Co. Publishers	Image pg. A86
	Vacant	R. L. Polk Co. Publishers	Image pg. A86
1950	Nyleta Court Apart	R. L. Polk Co. Publisher	Image pg. A95
	ments	R. L. Polk Co. Publisher	Image pg. A95
	Jones A P	R. L. Polk Co. Publisher	Image pg. A95
	RKeller W I Mrs	R. L. Polk Co. Publisher	Image pg. A95
	Lee E A	R. L. Polk Co. Publisher	Image pg. A95
	AOttman D M Mrs	R. L. Polk Co. Publisher	Image pg. A95
1940	Nyleta Court Apartments	R.L. Polk Co., Inc.	Image pg. A106
	Figini Jos	R.L. Polk Co., Inc.	Image pg. A106
	Morton Wm B	R.L. Polk Co., Inc.	Image pg. A106
	Oetting John R	R.L. Polk Co., Inc.	Image pg. A106
	Weiner Ben	R.L. Polk Co., Inc.	Image pg. A106

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Year	Uses	Source	
1960	Craig Lloyd R	R. L. Polk Co. Publishers	Image pg. A75
1955	Jacobson Henry W	R. L. Polk Co. Publishers	Image pg. A86
1950	ASmith J H	R. L. Polk Co. Publisher	Image pg. A95
1940	Morris Herman D	R.L. Polk Co., Inc.	Image pg. A106

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1037 WASHINGTON SE

Year	Uses	Source	
1960	Haley Jean Mrs	R. L. Polk Co. Publishers	Image pg. A75
1955	Sutton Noah	R. L. Polk Co. Publishers	Image pg. A86
1950	Sutton Noah	R. L. Polk Co. Publisher	Image pg. A95
1940	Sutton Noah	R.L. Polk Co., Inc.	Image pg. A106

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Year	Uses	Source	
1935	Gwynn Jas D gro	R.L. Polk Co., Inc.	Image pg. A120

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Year	Uses	Source	
1965	VACANT	R.L.Polk Co.	Image pg. A61
	LEWIS BROS INC WHOL MEAT	R.L.Polk Co.	Image pg. A61

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Year	Uses	Source	
1965	VACANT	R.L.Polk Co.	Image pg. A61
1935	Neumann Wilmer G	R.L. Polk Co., Inc.	Image pg. A120

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Year	Uses	Source	
1965	DAVIS WM M	R.L.Polk Co.	Image pg. A61

1014 WASHINGTON ST SE

Year	Uses	Source	
1965	THOMAS H L CABINET SHOP	R.L.Polk Co.	Image pg. A61
1935	Neumann Wm E	R.L. Polk Co., Inc.	Image pg. A120

1025 WASHINGTON ST SE

Year	Uses	Source	
1935	Ragan Albert S	R.L. Polk Co., Inc.	Image pg. A120

1034 WASHINGTON ST SE

Year	Uses	Source	
1965	NYLETA COURT APARTMENTS	R.L.Polk Co.	Image pg. A61
	FISLER EUG W	R.L.Polk Co.	Image pg. A61
	DENNIS MAXINE F MRS	R.L.Polk Co.	Image pg. A61
	POTTER DUANE	R.L.Polk Co.	Image pg. A61

FINDINGS

Year	Uses	Source	
1965	NEGRAVEL MARGT R	R.L.Polk Co.	Image pg. A61
1935	Nyleta Court Apartments	R.L. Polk Co., Inc.	Image pg. A121
	Sharkey Jas B	R.L. Polk Co., Inc.	Image pg. A121
	Dumagan C Averitt	R.L. Polk Co., Inc.	Image pg. A121
	Barwise Thos	R.L. Polk Co., Inc.	Image pg. A121
	Sage Howard M	R.L. Polk Co., Inc.	Image pg. A121
	Street continued	R.L. Polk Co., Inc.	Image pg. A121

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Year	Uses	Source	
1965	SHEPHERD WMM M	R.L.Polk Co.	Image pg. A61
1935	Hallock Hiram W	R.L. Polk Co., Inc.	Image pg. A121

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Year	Uses	Source	
1965	HALEY JEAN MRS	R.L.Polk Co.	Image pg. A61
1935	Sutton Noah	R.L. Polk Co., Inc.	Image pg. A121

YAMHILL SE

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Year	Uses	Source	
1960	Vacalt	R. L. Polk Co. Publishers	Image pg. A76
1955	McGowan Wm F	R. L. Polk Co. Publishers	Image pg. A87
1950	AYoung Margt Mrs smstrs	R. L. Polk Co. Publisher	Image pg. A96

1222 YAMHILL SE

Year	Uses	Source	
1960	Woir ITarry E	R. L. Polk Co. Publishers	Image pg. A76
1955	Weir Harry E	R. L. Polk Co. Publishers	Image pg. A87
1950	AWeir H B B	R. L. Polk Co. Publisher	Image pg. A96
1940	Harbour Leslie U	R.L. Polk Co., Inc.	Image pg. A107

1223 YAMHILL SE

Year	Uses	Source	
1960	Wallcer Doeald	R. L. Polk Co. Publishers	Image pg. A76
1955	Durant Wm C	R. L. Polk Co. Publishers	Image pg. A87
1950	Durant W C	R. L. Polk Co. Publisher	Image pg. A96
1940	Williams Edw	R.L. Polk Co., Inc.	Image pg. A107

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Year	Uses	Source	
1960	Mc Carter Daca	R. L. Polk Co. Publishers	Image pg. A76
	Apartment S	R. L. Polk Co. Publishers	Image pg. A76
	Ilartinan Ella S Mrs	R. L. Polk Co. Publishers	Image pg. A76
	Vacant	R. L. Polk Co. Publishers	Image pg. A76
	Loot Victoria D	R. L. Polk Co. Publishers	Image pg. A76
	Stevenson Robt	R. L. Polk Co. Publishers	Image pg. A76
	Vacant	R. L. Polk Co. Publishers	Image pg. A76
	a IHolt Laura B Mrs	R. L. Polk Co. Publishers	Image pg. A76
	Bryant Cleo L	R. L. Polk Co. Publishers	Image pg. A76
1955	McCarter Daca	R. L. Polk Co. Publishers	Image pg. A87
	Hartman Ella S	R. L. Polk Co. Publishers	Image pg. A87
1950	Price L C Mrs	R. L. Polk Co. Publisher	Image pg. A96
1940	Anderson Archie D	R.L. Polk Co., Inc.	Image pg. A107
	Bearman Eliz M	R.L. Polk Co., Inc.	Image pg. A107
	Bronson Harold	R.L. Polk Co., Inc.	Image pg. A107
	Lofton Frances	R.L. Polk Co., Inc.	Image pg. A107
	Plumley Wm L	R.L. Polk Co., Inc.	Image pg. A107
	Smith Paul I	R.L. Polk Co., Inc.	Image pg. A107

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Year	Uses	Source	
1960	Whildon Porpatua A	R. L. Polk Co. Publishers	Image pg. A76
1955	Manning Chas	R. L. Polk Co. Publishers	Image pg. A87
	Vandehey Frances A	R. L. Polk Co. Publishers	Image pg. A87
	Sherman Jennie Mrs	R. L. Polk Co. Publishers	Image pg. A87
	Apartments	R. L. Polk Co. Publishers	Image pg. A87
	Durant Merle Mrs	R. L. Polk Co. Publishers	Image pg. A87
	Holt Laura B Mrs	R. L. Polk Co. Publishers	Image pg. A87
	Prienty John	R. L. Polk Co. Publishers	Image pg. A87
	Hartman Ella	R. L. Polk Co. Publishers	Image pg. A87
	McCarter Daca	R. L. Polk Co. Publishers	Image pg. A87
1950	AManning C I B	R. L. Polk Co. Publisher	Image pg. A96
1940	Bequeaith M E Mrs	R.L. Polk Co., Inc.	Image pg. A107

1235 YAMHILL SE

Year	Uses	Source	
1960	Sauvie Apartments	R. L. Polk Co. Publishers	Image pg. A76
	Hickman Duane	R. L. Polk Co. Publishers	Image pg. A76

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Year	Uses	Source	
1960	Viscant	R. L. Polk Co. Publishers	Image pg. A76
	Chalo Doris Mrs	R. L. Polk Co. Publishers	Image pg. A76
	Spraue MNargt Mrs	R. L. Polk Co. Publishers	Image pg. A76
	Moffit Wm W	R. L. Polk Co. Publishers	Image pg. A76
	1 bannvoled Jolus	R. L. Polk Co. Publishers	Image pg. A76
	Turrnr Harriet Mrs	R. L. Polk Co. Publishers	Image pg. A76
	No return	R. L. Polk Co. Publishers	Image pg. A76
	Webb Norman	R. L. Polk Co. Publishers	Image pg. A76
	Yoting Wmi	R. L. Polk Co. Publishers	Image pg. A76
	East Bobby	R. L. Polk Co. Publishers	Image pg. A76
	John Bon Bennie	R. L. Polk Co. Publishers	Image pg. A76
1955	Fisher Frank	R. L. Polk Co. Publishers	Image pg. A87
	Pimantel Evelyn Mrs mgr	R. L. Polk Co. Publishers	Image pg. A87
	Sauvie Apartments	R. L. Polk Co. Publishers	Image pg. A87
	Turner Harriett	R. L. Polk Co. Publishers	Image pg. A87
	Vereer Lyn Mrs	R. L. Polk Co. Publishers	Image pg. A87
	Carlton Clarence	R. L. Polk Co. Publishers	Image pg. A87
	Doving Robt	R. L. Polk Co. Publishers	Image pg. A87
	Vacant	R. L. Polk Co. Publishers	Image pg. A87
	Kronenberg Opal Mrs	R. L. Polk Co. Publishers	Image pg. A87
	Sheets Mary Lou	R. L. Polk Co. Publishers	Image pg. A87
	Reynolds Alta M Mrs	R. L. Polk Co. Publishers	Image pg. A87
	Tessier Ernest	R. L. Polk Co. Publishers	Image pg. A87
	Vacant	R. L. Polk Co. Publishers	Image pg. A87
	Pimantel Michl	R. L. Polk Co. Publishers	Image pg. A87
1950	Twiner C R	R. L. Polk Co. Publisher	Image pg. A96
	Toline L L	R. L. Polk Co. Publisher	Image pg. A96
	AMc Kean Lois T	R. L. Polk Co. Publisher	Image pg. A96
	Mc Loughton F R	R. L. Polk Co. Publisher	Image pg. A96
	ASparks Pauline E	R. L. Polk Co. Publisher	Image pg. A96
	Sauvie Apartments	R. L. Polk Co. Publisher	Image pg. A96
	ACline R B	R. L. Polk Co. Publisher	Image pg. A96
	ACoe Lewis H Jr	R. L. Polk Co. Publisher	Image pg. A96
	ADonovan M J mgr	R. L. Polk Co. Publisher	Image pg. A96
	Galbrecht Hazel F	R. L. Polk Co. Publisher	Image pg. A96
	Howes Cora M	R. L. Polk Co. Publisher	Image pg. A96
	Matheson Joan	R. L. Polk Co. Publisher	Image pg. A96
	Mc Carter Daca M	R. L. Polk Co. Publisher	Image pg. A96

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Year	Uses	Source	
1940	Sauvie Apartments	R.L. Polk Co., Inc.	Image pg. A107
	Jordan Naum P mgr	R.L. Polk Co., Inc.	Image pg. A107
	Arnold Mildred	R.L. Polk Co., Inc.	Image pg. A107
	Diel Raymond W	R.L. Polk Co., Inc.	Image pg. A107
	Harris Ray Mrs	R.L. Polk Co., Inc.	Image pg. A107
	Kammer Jack	R.L. Polk Co., Inc.	Image pg. A107
	Kendall Geo	R.L. Polk Co., Inc.	Image pg. A107
	Mc Pherson Lena Mrs	R.L. Polk Co., Inc.	Image pg. A107
	Mohr Sigmer T	R.L. Polk Co., Inc.	Image pg. A107
	Myers Vern	R.L. Polk Co., Inc.	Image pg. A107
	Newell Helen	R.L. Polk Co., Inc.	Image pg. A107
	Sessions Theodoria M Mrs	R.L. Polk Co., Inc.	Image pg. A107
	Westenfelder Margt	R.L. Polk Co., Inc.	Image pg. A107

1236 YAMHILL SE

Year	Uses	Source	
1960	Flowers Orville	R. L. Polk Co. Publishers	Image pg. A76
	Apartments	R. L. Polk Co. Publishers	Image pg. A76
	oneald Riol Larry A	R. L. Polk Co. Publishers	Image pg. A76
	Leo Emama	R. L. Polk Co. Publishers	Image pg. A76
	Cain Orvcl L	R. L. Polk Co. Publishers	Image pg. A76
1955	Vacant	R. L. Polk Co. Publishers	Image pg. A87
1950	AManey J F	R. L. Polk Co. Publisher	Image pg. A96
1940	Maney J Francis	R.L. Polk Co., Inc.	Image pg. A107

YAMHILL ST SE

1222 YAMHILL ST SE

Year	Uses	Source	
1965	WEIR HARRY E	R.L.Polk Co.	Image pg. A62
1935	Becker Estelle Mrs	R.L. Polk Co., Inc.	Image pg. A122

1223 YAMHILL ST SE

Year	Uses	Source	
1935	Jess Herbert W	R.L. Polk Co., Inc.	Image pg. A122

1225 YAMHILL ST SE

Year	Uses	Source	
1965	MC CARTER DAC	R.L.Polk Co.	Image pg. A62
	ANDERSON EVA MRS	R.L.Polk Co.	Image pg. A62

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Year	Uses	Source	
1965	SHORT LOWELL K	R.L.Polk Co.	Image pg. A62
	HARTMAN ELLA S MRS 23 S 7826	R.L.Polk Co.	Image pg. A62
	STEVENSON ROBT W	R.L.Polk Co.	Image pg. A62
	MOLT LAURA B MRS	R.L.Polk Co.	Image pg. A62
	PARKS LEE MRS	R.L.Polk Co.	Image pg. A62
	APARTMENTS	R.L.Polk Co.	Image pg. A62
1935	Atchley Wim W	R.L. Polk Co., Inc.	Image pg. A122

1227 YAMHILL ST SE

Year	Uses	Source	
1965	FRIEDMAN ESTELLE M MRS	R.L.Polk Co.	Image pg. A62
1935	Be Queaith i Wm H	R.L. Polk Co., Inc.	Image pg. A122

1235 YAMHILL ST SE

Year	Uses	Source	
1965	JOHNSON BENNIE	R.L.Polk Co.	Image pg. A62
	LEWIS APARTMENTS	R.L.Polk Co.	Image pg. A62
	STUBBS ROBT	R.L.Polk Co.	Image pg. A62
	MOELLER L	R.L.Polk Co.	Image pg. A62
	VACANT	R.L.Polk Co.	Image pg. A62
	VACANT	R.L.Polk Co.	Image pg. A62
	EVANS PAUL	R.L.Polk Co.	Image pg. A62
	SMITH ELSIE	R.L.Polk Co.	Image pg. A62
	TURNER HARRIET MRS	R.L.Polk Co.	Image pg. A62
	SCHMIDT JOHN	R.L.Polk Co.	Image pg. A62
	TRITT CLAUDE	R.L.Polk Co.	Image pg. A62
	ULRICH JOHN	R.L.Polk Co.	Image pg. A62
	SMITH FRANK	R.L.Polk Co.	Image pg. A62
1935	I Jordan Naumi P	R.L. Polk Co., Inc.	Image pg. A122
	Jordan Marie Mrs	R.L. Polk Co., Inc.	Image pg. A122
	Allen Harry R	R.L. Polk Co., Inc.	Image pg. A122
	Nelson Clyde	R.L. Polk Co., Inc.	Image pg. A122
	Vacant	R.L. Polk Co., Inc.	Image pg. A122
	Williamlson Vivian	R.L. Polk Co., Inc.	Image pg. A122
	Schul Melvin	R.L. Polk Co., Inc.	Image pg. A122
	Dobbins Marvin D	R.L. Polk Co., Inc.	Image pg. A122
	Vacant	R.L. Polk Co., Inc.	Image pg. A122
	Arnold Win L	R.L. Polk Co., Inc.	Image pg. A122
	Street continued	R.L. Polk Co., Inc.	Image pg. A122

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Year	Uses	Source	
1935	Sauvie Apartments	R.L. Polk Co., Inc.	Image pg. A122

1236 YAMHILL ST SE

Year	Uses	Source	
1965	EBNER WM	R.L.Polk Co.	Image pg. A62
	YAMHILL ST SE CONTO	R.L.Polk Co.	Image pg. A63
1935	Maney J Francis	R.L. Polk Co., Inc.	Image pg. A122

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ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
1000 10TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1000 12TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1950, 1946, 1940, 1935, 1930, 1924
1000 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1000 SE 10TH AVE	2014, 2010, 2005, 1992, 1981, 1980, 1977, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1000 SE 12TH AVE	2014, 2010, 2005, 1992, 1980, 1977, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1000 SE 12th Ave	2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1000 SE WASHINGTON ST	2014, 2010, 2005, 1992, 1985, 1980, 1977, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
1000 WASHINGTON SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1935, 1930, 1924
1000 WASHINGTON ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1930, 1924
1001 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930
1001 MORRISON SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1940, 1935, 1930, 1924
1001 MORRISON ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1001 SE MORRISON ST	2014, 2010, 2005, 1992, 1980, 1977, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1001 SE Morrison St	2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1002 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1003 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1924
1004 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1004 BELMONT SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1935, 1930, 1924
1004 BELMONT ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1930, 1924
1004 SE BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
1004 SE BELMONT ST	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924

FINDINGS

Address Researched	Address Not Identified in Research Source
1005 12TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1005 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930
1005 SE WASHINGTON ST	2014, 2010, 1992, 1985, 1980, 1977, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1005 WASHINGTON SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1005 WASHINGTON ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1006 SE WASHINGTON ST	2014, 2010, 2005, 1992, 1985, 1980, 1977, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1006 WASHINGTON SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1950, 1946, 1935, 1930, 1924
1006 WASHINGTON ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1960, 1955, 1950, 1946, 1940, 1930, 1924
1007 12TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1930, 1924
1007 SE 12TH AVE	2014, 2010, 2005, 1992, 1980, 1977, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1007 SE 12th Ave	2014, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1007 SE 12TH WAY	2014, 2010, 2005, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
1008 BELMONT SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1009 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1924
1010 11TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1930, 1924
1010 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1010 BELMONT SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1940, 1935, 1930, 1924
1010 SE 11TH AVE	2014, 2010, 2005, 1992, 1980, 1977, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1010 SE 11th Ave	2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1010 SE 11TH WAY	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
1010 SE BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
1010 SE BELMONT ST	2014, 2010, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1011 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1011 BELMONT SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1955, 1950, 1946, 1940, 1935, 1930, 1924

FINDINGS

Address Researched	Address Not Identified in Research Source
1012 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1012 SE WASHINGTON	2014, 2010, 2005, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1012 SE WASHINGTON ST	2014, 2010, 2005, 1992, 1980, 1977, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1012 WASHINGTON ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1013 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1924
1014 10TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1014 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1924
1014 SE WASHINGTON ST	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
1014 WASHINGTON SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1935, 1930, 1924
1014 WASHINGTON ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1960, 1955, 1950, 1946, 1940, 1930, 1924
1015 12TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1930, 1924
1015 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1015 SE 12	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
1015 SE 12TH AVE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1016 12TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1946, 1930, 1924
1016 BELMONT SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1935, 1930, 1924
1016 BELMONT ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1930, 1924
1016 SE 12	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
1016 SE 12TH AVE	2014, 2010, 2005, 1992, 1980, 1977, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1016 SE 12th Ave	2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1016 SE 12TH WAY	2014, 2010, 2005, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1016 SE BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
1016 SE BELMONT ST	2014, 2010, 2005, 1992, 1980, 1977, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1018 BELMONT SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1935, 1930, 1924

FINDINGS

Address Researched	Address Not Identified in Research Source
1018 BELMONT ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1930, 1924
1018 SE BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
1018 SE BELMONT ST	2014, 2010, 2005, 1992, 1980, 1977, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1020 11TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1950, 1946, 1940, 1935, 1930, 1924
1020 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1020 BELMONT SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1955, 1950, 1946, 1935, 1930, 1924
1020 BELMONT ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1930, 1924
1020 SE 11TH AVE	2014, 2010, 2005, 1992, 1980, 1977, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1020 SE 11th Ave	2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1020 SE BELMONT ST	2014, 2010, 2005, 1992, 1980, 1977, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1021 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1022 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1924
1023 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930
1024 12TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1930, 1924
1024 BELMONT SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1935, 1930, 1924
1024 BELMONT ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1930, 1924
1024 SE 12	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
1024 SE 12TH AVE	2014, 2010, 2005, 1992, 1980, 1977, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1024 SE 12TH WAY	2014, 2010, 2005, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1024 SE BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
1024 SE BELMONT ST	2014, 2010, 2005, 1992, 1985, 1980, 1977, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1025 12TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1930, 1924
1025 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1025 SE 12	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924

FINDINGS

Address Researched	Address Not Identified in Research Source
1025 SE 12TH AVE	2014, 2010, 2005, 1992, 1980, 1977, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1025 SE 12TH WAY	2014, 2010, 2005, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1025 SE MORRISON	2014, 2010, 2005, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1025 SE MORRISON ST	2014, 2010, 1992, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1025 SE Morrison St	2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1025 WASHINGTON SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1946, 1935, 1930, 1924
1025 WASHINGTON ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1930, 1924
1026 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1027 ALDER SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1935, 1930, 1924
1027 ALDER ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1930, 1924
1027 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1027 SE ALDER ST	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
1028 12TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1930, 1924
1028 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1028 SE 12	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
1028 SE 12TH AVE	2014, 2010, 2005, 1992, 1980, 1977, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1028 SE 12th Ave	2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1028 SE 12TH WAY	2014, 2010, 2005, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1029 ALDER SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1946, 1940, 1935, 1930, 1924
1029 MORRISON SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1940, 1935, 1930, 1924
1029 MORRISON ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1029 SE MORRISON ST	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1030 BELMONT SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1935, 1930, 1924
1030 BELMONT ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1930, 1924

FINDINGS

Address Researched	Address Not Identified in Research Source
1030 SE BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
1030 SE BELMONT ST	2014, 2010, 2005, 1992, 1980, 1977, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1032 SE 13th Ave	2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1034 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930
1034 SE WASHINGTON	2014, 2010, 2005, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1034 SE WASHINGTON ST	2014, 2010, 1992, 1985, 1980, 1977, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
1034 WASHINGTON SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1935, 1930, 1924
1034 WASHINGTON ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1960, 1955, 1950, 1946, 1940, 1930, 1924
1035 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930
1035 SE 12th Ave	2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1035 SE WASHINGTON ST	2014, 2010, 1992, 1980, 1977, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
1035 WASHINGTON SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1935, 1930, 1924
1035 WASHINGTON ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1960, 1955, 1950, 1946, 1940, 1930, 1924
1036 BELMONT SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1950, 1946, 1935, 1930, 1924
1036 BELMONT ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1930, 1924
1036 SE 13th Ave	2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1037 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930
1037 SE WASHINGTON ST	2014, 2010, 1992, 1980, 1977, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
1037 WASHINGTON SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1935, 1930, 1924
1037 WASHINGTON ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1960, 1955, 1950, 1946, 1940, 1930, 1924
1038 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930
1039 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930
1040 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930
1040 MORRISON SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1940, 1935, 1930, 1924

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Address Researched	Address Not Identified in Research Source
1040 MORRISON ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1040 SE MORRISON ST	2014, 2010, 2005, 1992, 1980, 1977, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1040 SE Morrison St	2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1042 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930
1043 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930
1045 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930
1047 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930
1051 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1924
1055 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930
1056 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1057 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1058 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1059 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1924
1060 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1061 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1924
1061 SE WASHINGTON ST	2014, 2010, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1067 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1069 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1070 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1071 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1072 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1073 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1074 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1924
1075 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935

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Address Researched	Address Not Identified in Research Source
1076 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1078 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1080 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1082 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1084 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1924
1085 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1086 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1087 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1088 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1089 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1090 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1091 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1092 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1924
1093 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1100 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1100 SE WASHINGTON ST	2014, 2010, 2005, 1992, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1101 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1102 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1102 SE ALDER ST	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1103 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1104 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1105 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1105 MORRISON SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1955, 1946, 1940, 1935, 1930, 1924
1105 SE ALDER	2014, 2010, 2005, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924

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Address Researched	Address Not Identified in Research Source
1105 SE MORRISON ST	2014, 2010, 1992, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1105 SE Morrison St	2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1106 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1107 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1108 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1109 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1110 ALDER SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1935, 1930, 1924
1110 ALDER ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1930, 1924
1110 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1110 SE ALDER ST	2014, 2010, 1980, 1977, 1970, 1967, 1960, 1955, 1950, 1940, 1935, 1930, 1924
1110 SE Alder St	2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1111 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1113 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1115 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1115 MORRISON SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1950, 1946, 1940, 1935, 1930, 1924
1115 MORRISON ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1115 SE MORRISON	2014, 2010, 2005, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1115 SE MORRISON ST	2014, 2010, 2005, 1992, 1980, 1977, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1115 SE Morrison St	2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1117 MORRISON SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1117 MORRISON ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1117 SE MORRISON ST	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1121 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1122 SE ALDER	2014, 2010, 2005, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924

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Address Researched	Address Not Identified in Research Source
1125 BELMONT ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1930, 1924
1126 BELMONT ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1930, 1924
1131 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1132 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1134 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1135 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1924
1135 BELMONT SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1946, 1935, 1930, 1924
1135 BELMONT ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1930, 1924
1135 MORRISON SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1950, 1946, 1940, 1935, 1930, 1924
1135 MORRISON ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1135 SE BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
1135 SE MORRISON ST	2014, 2010, 2005, 1992, 1985, 1980, 1977, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1136 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1137 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1924
1138 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1139 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1140 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1142 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1144 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1145 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1147 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1149 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1151 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1153 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935

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Address Researched	Address Not Identified in Research Source
1155 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1160 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1161 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1162 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930
1163 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1164 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1166 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1167 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1167 SE ALDER	2014, 2010, 2005, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1169 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1170 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1171 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1172 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1174 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1176 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1178 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1187 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930
1197 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1924
1199 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1924
1200 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1924
1200 BELMONT SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1200 MORRISON SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1950, 1946, 1940, 1935, 1930, 1924
1200 MORRISON ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1200 SE MORRISON ST	2014, 2010, 1992, 1980, 1977, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924

FINDINGS

Address Researched	Address Not Identified in Research Source
1200 SE Morrison St	2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1205 MORRISON SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1205 MORRISON ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1205 SE MORRISON ST	2014, 2010, 2005, 1992, 1980, 1977, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1205 SE Morrison St	2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1206 BELMONT SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1946, 1935, 1930, 1924
1206 BELMONT ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1930, 1924
1206 SE BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
1206 SE BELMONT ST	2014, 2010, 2005, 1992, 1985, 1980, 1977, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1207 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1208 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1209 SE BELMONT ST	2014, 2010, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1209 SE Belmont St	2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1210 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1210 BELMONT SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1210 SE ALDER ST	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1212 ALDER ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1930, 1924
1212 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1216 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1216 BELMONT SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1946, 1935, 1930, 1924
1216 BELMONT ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1930, 1924
1216 MORRISON SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1946, 1935, 1930, 1924
1216 MORRISON ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1930, 1924
1216 SE BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924

FINDINGS

Address Researched	Address Not Identified in Research Source
1216 SE BELMONT ST	2014, 2010, 1992, 1980, 1977, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1216 SE Belmont St	2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1218 ALDER SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1935, 1930, 1924
1218 ALDER ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1930, 1924
1218 SE ALDER ST	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1967, 1960, 1955, 1950, 1940, 1935, 1930, 1924
1219 YAMHILL SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1940, 1935, 1930, 1924
1222 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1222 SE YAMHILL	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
1222 SE YAMHILL ST	2014, 2010, 1992, 1980, 1977, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1222 YAMHILL SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1935, 1930, 1924
1222 YAMHILL ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1960, 1955, 1950, 1946, 1940, 1930, 1924
1223 BELMONT SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1946, 1935, 1930, 1924
1223 BELMONT ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1930, 1924
1223 SE BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
1223 SE YAMHILL	2014, 2010, 2005, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1223 SE YAMHILL ST	2014, 2010, 1992, 1980, 1977, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1223 YAMHILL SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1935, 1930, 1924
1223 YAMHILL ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1930, 1924
1224 ALDER SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1946, 1935, 1930, 1924
1224 ALDER ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1930, 1924
1224 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1224 BELMONT SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1935, 1930, 1924
1224 BELMONT ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1930, 1924
1224 SE ALDER ST	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1960, 1955, 1950, 1940, 1935, 1930, 1924

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Address Researched	Address Not Identified in Research Source
1224 SE BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
1224 SE BELMONT ST	2014, 2010, 1992, 1980, 1977, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1224 SE YAMHILL	2014, 2010, 2005, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1225 MORRISON SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1935, 1930, 1924
1225 MORRISON ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1930, 1924
1225 SE BELMONT ST	2014, 2010, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1225 SE Belmont St	2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1225 SE YAMHILL	2014, 2010, 2005, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1225 SE YAMHILL ST	2014, 2010, 1992, 1980, 1977, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1225 YAMHILL SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1935, 1930, 1924
1225 YAMHILL ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1960, 1955, 1950, 1946, 1940, 1930, 1924
1226 ALDER SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1935, 1930, 1924
1226 ALDER ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1930, 1924
1226 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1924
1226 SE ALDER ST	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1960, 1955, 1950, 1940, 1935, 1930, 1924
1226 SE BELMONT ST	2014, 2010, 2005, 1992, 1980, 1977, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1227 SE YAMHILL	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
1227 SE YAMHILL ST	2014, 2010, 1992, 1980, 1977, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1227 YAMHILL SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1935, 1930, 1924
1227 YAMHILL ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1960, 1955, 1950, 1946, 1940, 1930, 1924
1230 MORRISON SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1935, 1930, 1924
1230 MORRISON ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1960, 1955, 1950, 1946, 1940, 1930, 1924
1230 SE MORRISON	2014, 2010, 2005, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1230 SE MORRISON ST	2014, 2010, 1992, 1980, 1977, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924

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Address Researched	Address Not Identified in Research Source
1230 SE Morrison St	2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1232 BELMONT SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1935, 1930, 1924
1232 BELMONT ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1930, 1924
1232 SE BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
1232 SE BELMONT ST	2014, 2010, 1980, 1977, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1232 SE Belmont St	2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1234 ALDER SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1935, 1930, 1924
1234 ALDER ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1930, 1924
1234 SE ALDER ST	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1960, 1955, 1950, 1940, 1935, 1930, 1924
1235 SE BELMONT ST	2014, 2010, 2005, 1992, 1980, 1977, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1235 SE MORRISON	2014, 2010, 2005, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1235 SE MORRISON ST	2014, 2010, 1992, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1235 SE Morrison St	2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1235 SE YAMHILL	2014, 2010, 2005, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
1235 SE YAMHILL ST	2014, 2010, 1992, 1980, 1977, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1235 YAMHILL SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1935, 1930, 1924
1235 YAMHILL ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1960, 1955, 1950, 1946, 1940, 1930, 1924
1236 SE YAMHILL	2014, 2010, 2005, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
1236 SE YAMHILL ST	2014, 2010, 1992, 1980, 1977, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1236 YAMHILL SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1935, 1930, 1924
1236 YAMHILL ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1960, 1955, 1950, 1946, 1940, 1930, 1924
1237 ALDER SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1237 MORRISON SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1946, 1935, 1930, 1924
1237 MORRISON ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1930, 1924

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Address Researched	Address Not Identified in Research Source
1237 SE ALDER	2014, 2010, 2005, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1239 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1242 ALDER SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1955, 1946, 1935, 1930, 1924
1242 ALDER ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1930, 1924
1242 SE ALDER ST	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1967, 1960, 1955, 1950, 1940, 1935, 1930, 1924
1244 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1245 ALDER SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1946, 1935, 1930, 1924
1245 ALDER ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1930, 1924
1245 MORRISON SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1935, 1930, 1924
1245 MORRISON ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1960, 1955, 1950, 1946, 1940, 1930, 1924
1245 SE MORRISON ST	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
1247 MORRISON SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1935, 1930, 1924
1247 MORRISON ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1960, 1955, 1950, 1946, 1940, 1930, 1924
1247 SE ALDER ST	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1247 SE MORRISON ST	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1249 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1251 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1252 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1255 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1924
1257 ALDER SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1950, 1946, 1940, 1935, 1930, 1924
1257 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1924
1258 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1259 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1260 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1924

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Address Researched	Address Not Identified in Research Source
1263 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1924
1265 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1924
1272 SE ALDER	2014, 2010, 2005, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1275 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1277 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1278 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1279 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1281 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1282 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1286 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1292 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1293 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1294 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1295 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930
1296 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1300 ALDER SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1935, 1930, 1924
1300 ALDER ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1930, 1924
1300 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1300 MORRISON SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1935, 1930, 1924
1300 MORRISON ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1960, 1955, 1950, 1946, 1940, 1930, 1924
1300 SE ALDER ST	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1960, 1955, 1950, 1940, 1935, 1930, 1924
1300 SE MORRISON ST	2014, 2010, 1992, 1980, 1977, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
1300 SE Morrison St	2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1301 MORRISON SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1935, 1930, 1924

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Address Researched	Address Not Identified in Research Source
1301 MORRISON ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1960, 1955, 1950, 1946, 1940, 1930, 1924
1301 SE MORRISON ST	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
1301 SE Morrison St	2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1302 SE ALDER ST	2014, 2010, 2005, 1992, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1303 MORRISON SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1935, 1930, 1924
1303 MORRISON ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1960, 1955, 1950, 1946, 1940, 1930, 1924
1305 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1305 BELMONT SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1935, 1930, 1924
1305 BELMONT ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1930, 1924
1305 MORRISON SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1935, 1930, 1924
1305 MORRISON ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1960, 1955, 1950, 1946, 1940, 1930, 1924
1305 SE BELMONT ST	2014, 2010, 1980, 1977, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1305 SE Belmont St	2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1305 SE MORRISON ST	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1306 ALDER SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1946, 1935, 1930, 1924
1306 ALDER ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1930, 1924
1306 SE ALDER ST	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
1307 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1307 MORRISON SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1935, 1930, 1924
1307 MORRISON ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1960, 1955, 1950, 1946, 1940, 1930, 1924
1307 SE MORRISON ST	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
1308 MORRISON SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1950, 1946, 1935, 1930, 1924
1308 MORRISON ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1960, 1955, 1950, 1946, 1940, 1930, 1924
1308 SE MORRISON ST	2014, 2010, 1992, 1980, 1977, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924

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Address Researched	Address Not Identified in Research Source
1308 SE Morrison St	2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1309 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1924
1310 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1310 SE ALDER	2014, 2010, 2005, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1311 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1311 MORRISON SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1946, 1940, 1935, 1930, 1924
1312 ALDER SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1946, 1935, 1930, 1924
1312 ALDER ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1930, 1924
1312 SE ALDER ST	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
1313 BELMONT SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1935, 1930, 1924
1313 BELMONT ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1930, 1924
1313 SE BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
1313 SE BELMONT ST	2014, 2010, 1992, 1980, 1977, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1313 SE Belmont St	2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1314 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1315 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1315 MORRISON SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1935, 1930, 1924
1315 MORRISON ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1960, 1955, 1950, 1946, 1940, 1930, 1924
1316 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1316 BELMONT SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1935, 1930, 1924
1316 BELMONT ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1930, 1924
1316 SE BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
1316 SE BELMONT ST	2014, 2010, 1980, 1977, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1317 BELMONT SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1935, 1930, 1924

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Address Researched	Address Not Identified in Research Source
1317 BELMONT ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1930, 1924
1317 MORRISON SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1935, 1930, 1924
1317 MORRISON ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1960, 1955, 1950, 1946, 1940, 1930, 1924
1317 SE BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
1317 SE BELMONT ST	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1317 SE MORRISON ST	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
1318 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1924
1320 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1924
1320 SE MORRISON ST	2014, 2010, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1321 MORRISON SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1940, 1935, 1930, 1924
1321 MORRISON ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1960, 1955, 1950, 1946, 1940, 1930, 1924
1321 SE MORRISON ST	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1322 MORRISON SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1935, 1930, 1924
1322 MORRISON ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1960, 1955, 1950, 1946, 1940, 1930, 1924
1322 SE MORRISON ST	2014, 2010, 1992, 1980, 1977, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1322 SE Morrison St	2014, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1323 BELMONT SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1950, 1946, 1935, 1930, 1924
1323 BELMONT ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1930, 1924
1323 MORRISON SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1935, 1930, 1924
1323 MORRISON ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1323 SE BELMONT ST	2014, 2010, 1980, 1977, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1323 SE MORRISON ST	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1324 SE ALDER ST	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1326 ALDER SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1950, 1946, 1940, 1935, 1930, 1924

FINDINGS

Address Researched	Address Not Identified in Research Source
1326 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1327 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930
1327 MORRISON SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1935, 1930, 1924
1327 MORRISON ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1960, 1955, 1950, 1946, 1940, 1930, 1924
1327 SE MORRISON ST	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
1328 MORRISON SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1935, 1930, 1924
1328 MORRISON ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1960, 1955, 1950, 1946, 1940, 1930, 1924
1328 SE MORRISON ST	2014, 2010, 2005, 1992, 1980, 1977, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
1330 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930
1332 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1334 ALDER SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1950, 1946, 1940, 1935, 1930, 1924
1334 SE ALDER ST	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1335 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1924
1335 BELMONT SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1935, 1930, 1924
1335 BELMONT ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1930, 1924
1335 MORRISON SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1946, 1935, 1930, 1924
1335 MORRISON ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1960, 1955, 1950, 1946, 1940, 1930, 1924
1335 SE BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
1335 SE BELMONT ST	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1335 SE MORRISON ST	2014, 2010, 1992, 1980, 1977, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
1335 SE Morrison St	2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1336 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1336 BELMONT SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1935, 1930, 1924
1336 BELMONT ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1930, 1924

FINDINGS

Address Researched	Address Not Identified in Research Source
1336 MORRISON SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1950, 1946, 1935, 1930, 1924
1336 MORRISON ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1960, 1955, 1950, 1946, 1940, 1930, 1924
1336 SE BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
1336 SE BELMONT ST	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1336 SE MORRISON ST	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1337 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1924
1337 BELMONT SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1950, 1946, 1940, 1935, 1930, 1924
1337 SE BELMONT ST	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1338 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1924
1339 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1339 SE MORRISON ST	2014, 2010, 2005, 1992, 1980, 1977, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
1341 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1342 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
1343 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
602 11TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1955, 1950, 1946, 1940, 1935, 1930, 1924
602 SE 11TH AVE	2014, 2010, 2005, 1992, 1980, 1977, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
602 SE 11th Ave	2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
603 11TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1930, 1924
603 12TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1930, 1924
603 SE 11TH AVE	2014, 2010, 2005, 1992, 1980, 1977, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
603 SE 11TH WAY	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
603 SE 12	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
603 SE 12TH AVE	2014, 2010, 2005, 1992, 1980, 1977, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
603 SE 12TH WAY	2014, 2010, 2005, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924

FINDINGS

Address Researched	Address Not Identified in Research Source
604 11TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1946, 1930, 1924
604 SE 11	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
606 10TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1955, 1950, 1946, 1940, 1935, 1930, 1924
606 SE 10TH AVE	2014, 2010, 2005, 1992, 1985, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
608 11TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1946, 1930, 1924
608 SE 11TH WAY	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
611 12TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1930, 1924
614 10TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1946, 1930, 1924
614 11TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1946, 1930, 1924
615 10TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1946, 1930, 1924
615 11TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1930, 1924
615 SE 11TH WAY	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
617 12TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1930, 1924
617 SE 12TH AVE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
619 SE 12th Ave	2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
622 11TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1930, 1924
622 SE 11TH AVE	2014, 2010, 2005, 1992, 1980, 1977, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
623 11TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1930, 1924
623 12TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1946, 1930, 1924
623 SE 12TH AVE	2014, 2010, 2005, 1992, 1980, 1977, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
623 SE 12th Ave	2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
623 SE 12TH WAY	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
630 11TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1930, 1924
630 SE 11TH AVE	2014, 2010, 2005, 1992, 1980, 1977, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924

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Address Researched	Address Not Identified in Research Source
631 11TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1930, 1924
632 10TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1930, 1924
633 SE 12TH AVE	2014, 2010, 2005, 1992, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
633 SE 12th Ave	2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
634 11TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1930, 1924
634 SE 11TH AVE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
634 SE 11TH WAY	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
635 12TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1930, 1924
635 SE 11TH AVE	2014, 2010, 2005, 1992, 1980, 1977, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
635 SE 12TH AVE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
636 10TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
636 SE 10TH AVE	2014, 2010, 2005, 1992, 1980, 1977, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
636 SE 11TH AVE	2014, 2010, 2005, 1992, 1980, 1977, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
636 SE 11th Ave	2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
637 12TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1930, 1924
637 SE 12TH AVE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
637 SE 12TH WAY	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
704 12TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1930, 1924
704 SE 12	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
704 SE 12TH AVE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
705 10TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1946, 1930, 1924
707 12TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1930, 1924
707 SE 12TH AVE	2014, 2010, 2005, 1992, 1980, 1977, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
707 SE 12th Ave	2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924

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Address Researched	Address Not Identified in Research Source
707 SE 12TH WAY	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
708 SE 11TH AVE	2014, 2010, 2005, 1992, 1980, 1977, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
711 11TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1930, 1924
711 SE 11	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
711 SE 11TH	2014, 2010, 2005, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
711 SE 11TH AVE	2014, 2010, 2005, 1992, 1980, 1977, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
711 SE 11th Ave	2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
711 SE 11TH WAY	2014, 2010, 2005, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
712 13TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1946, 1940, 1935, 1930, 1924
715 10TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1960, 1955, 1946, 1930, 1924
715 SE 10TH AVE	2014, 2010, 2005, 1992, 1980, 1977, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
715 SE 10th Ave	2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
715 SE 10TH TER	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
716 11TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1955, 1950, 1946, 1940, 1935, 1930, 1924
716 SE 11TH AVE	2014, 2010, 2005, 1992, 1980, 1977, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
716 SE 11th Ave	2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
716 SE 12TH AVE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
717 12TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1930, 1924
717 SE 12TH WAY	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
720 11TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1955, 1950, 1946, 1940, 1935, 1930, 1924
720 SE 11TH AVE	2014, 2010, 2005, 1992, 1980, 1977, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
720 SE 12TH AVE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
723 10TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1946, 1930, 1924
723 12TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1930, 1924

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Address Researched	Address Not Identified in Research Source
723 SE 10TH	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
723 SE 12	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
728 11TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1955, 1950, 1946, 1940, 1935, 1930, 1924
728 12TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1930, 1924
728 SE 11TH AVE	2014, 2010, 2005, 1992, 1981, 1980, 1977, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
728 SE 11th Ave	2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
728 SE 12TH WAY	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
730 11TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1955, 1946, 1940, 1935, 1930, 1924
730 SE 11TH AVE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
730 SE 9TH AVE	2014, 2010, 2005, 1992, 1981, 1980, 1977, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
730 SE 9th Ave	2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
735 10TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1930, 1924
735 SE 11TH AVE	2014, 2010, 2005, 1992, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
735 SE 12TH AVE	2014, 2010, 2005, 1992, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
735 SE 12th Ave	2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
739 SE 13TH	2014, 2010, 2005, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
740 SE 9TH AVE	2014, 2010, 2005, 1992, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
777 9TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1955, 1950, 1946, 1940, 1935, 1930, 1924
785 SE 11TH AV HILFSBORO	2014, 2010, 2005, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
793 SE 9TH AVE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
800 10TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1946, 1930, 1924
800 SE 10TH	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
800 SE 10TH AVE	2014, 2010, 2005, 1992, 1980, 1977, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
800 SE 10th Ave	2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924

FINDINGS

Address Researched	Address Not Identified in Research Source
800 SE 11TH	2014, 2010, 2005, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
804 12TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1946, 1930, 1924
804 SE 12	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
807 12TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1930, 1924
812 13TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1930, 1924
812 SE 13TH AVE	2014, 2010, 2005, 1992, 1981, 1980, 1977, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
813 SE 10TH AVE	2014, 2010, 2005, 1992, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
813 SE 10th Ave	2014, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
817 11TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1930, 1924
817 12TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1950, 1946, 1930, 1924
817 SE 12	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
819 11TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1950, 1946, 1940, 1935, 1930, 1924
819 SE 11TH AVE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
821 12TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1946, 1930, 1924
821 SE 12	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
821 SE 14th Ave	2014, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
822 13TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1930, 1924
822 SE 13TH AVE	2014, 2010, 2005, 1992, 1980, 1977, 1970, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
822 SE 13th Ave	2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
823 12TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1946, 1930, 1924
823 13TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1946, 1930, 1924
823 SE 12	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
823 SE 13	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
824 SE 12th Ave	2014, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924

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Address Researched	Address Not Identified in Research Source
825 13TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1955, 1950, 1946, 1940, 1935, 1930, 1924
830 12TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1946, 1930, 1924
830 SE 12	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
832 11TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1930, 1924
851 SE 11TH AVE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
861 SE 11TH	2014, 2010, 2005, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
881 9TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1955, 1950, 1946, 1940, 1935, 1930, 1924
900 12TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1955, 1950, 1946, 1940, 1935, 1930, 1924
900 13TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1930, 1924
900 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1924
900 SE 13TH AVE	2014, 2010, 2005, 1992, 1980, 1977, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
900 SE 13th Ave	2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
900 SE 13TH TER	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
904 13TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1930, 1924
904 BELMONT SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1940, 1935, 1930, 1924
904 SE 13TH AVE	2014, 2010, 2005, 1992, 1980, 1977, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
904 SE 13th Ave	2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
904 SE 13TH TER	2014, 2010, 2005, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
904 SE BELMONT ST	2014, 2010, 2005, 1992, 1980, 1977, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
905 9TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1930, 1924
905 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1924
905 SE 14th Ave	2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
907 9TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1930, 1924
909 9TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1930, 1924

FINDINGS

Address Researched	Address Not Identified in Research Source
909 SE 12TH AVE	2014, 2010, 2005, 1992, 1980, 1977, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
909 SE 12th Ave	2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
910 10TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1955, 1950, 1946, 1940, 1935, 1930, 1924
910 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
910 SE 10TH AVE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
911 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
913 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930
914 12TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1930, 1924
914 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
914 SE 12TH AVE	2014, 2010, 2005, 1992, 1980, 1977, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
914 SE 12TH WAY	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
915 10TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1946, 1940, 1935, 1930, 1924
915 13TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1930, 1924
915 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
915 BELMONT SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1946, 1935, 1930, 1924
915 BELMONT ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1930, 1924
915 SE 10TH	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
915 SE 10TH AVE	2014, 2010, 2005, 1992, 1980, 1977, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
915 SE 10th Ave	2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
915 SE 10TH TER	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
915 SE 12TH AVE	2014, 2010, 2005, 1992, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
915 SE 12th Ave	2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
915 SE 13TH AVE	2014, 2010, 2005, 1992, 1980, 1977, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
915 SE ALDER ST	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924

FINDINGS

Address Researched	Address Not Identified in Research Source
915 SE BELMONT ST	2014, 2010, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
916 13TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1930, 1924
916 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1924
916 SE 13TH AVE	2014, 2010, 2005, 1992, 1980, 1977, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
917 10TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1946, 1940, 1935, 1930, 1924
917 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
917 SE 10TH	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
920 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1924
920 BELMONT ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1930, 1924
921 10TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1946, 1930, 1924
921 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
921 SE 10TH AVE	2014, 2010, 2005, 1992, 1980, 1977, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
921 SE 10TH TER	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
922 ALDER SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1946, 1935, 1930, 1924
922 ALDER ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1930, 1924
922 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
923 13TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1930, 1924
923 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
923 SE 13	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
923 SE 13TH AVE	2014, 2010, 2005, 1992, 1980, 1977, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
923 SE 13TH TER	2014, 2010, 2005, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
924 12TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1930, 1924
924 13TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1930, 1924
924 ALDER SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1946, 1935, 1930, 1924

FINDINGS

Address Researched	Address Not Identified in Research Source
924 ALDER ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1930, 1924
924 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
924 MORRISON SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1955, 1950, 1946, 1940, 1935, 1930, 1924
924 SE 12	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
924 SE 12TH AVE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
924 SE 13TH AVE	2014, 2010, 2005, 1992, 1980, 1977, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
924 SE ALDER ST	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
925 ALDER SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1946, 1940, 1935, 1930, 1924
925 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
925 MORRISON SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1950, 1946, 1940, 1935, 1930, 1924
926 BELMONT SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1950, 1946, 1940, 1935, 1930, 1924
926 SE MORRISON ST	2014, 2010, 2005, 1992, 1980, 1977, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
926 SE Morrison St	2014, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
927 10TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1946, 1930, 1924
927 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
927 MORRISON SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1946, 1940, 1935, 1930, 1924
927 MORRISON ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
927 SE 10TH AVE	2014, 2010, 2005, 1992, 1980, 1977, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
927 SE 10th Ave	2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
927 SE 10TH TER	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
927 SE MORRISON ST	2014, 2010, 1992, 1980, 1977, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
927 SE Morrison St	2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
929 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
929 MORRISON SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1955, 1950, 1946, 1940, 1935, 1930, 1924

FINDINGS

Address Researched	Address Not Identified in Research Source
930 BELMONT SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1955, 1950, 1946, 1940, 1935, 1930, 1924
930 SE BELMONT ST	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
931 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
932 12TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1930, 1924
932 MORRISON SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1935, 1930, 1924
932 MORRISON ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1960, 1955, 1950, 1946, 1940, 1930, 1924
932 SE 12TH AVE	2014, 2010, 2005, 1992, 1980, 1977, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
932 SE MORRISON ST	2014, 2010, 2005, 1992, 1980, 1977, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
933 BELMONT SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1955, 1950, 1946, 1940, 1935, 1930, 1924
935 10TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1946, 1930, 1924
935 BELMONT SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1946, 1940, 1935, 1930, 1924
935 SE 10TH TER	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
935 SE ALDER ST	2014, 2010, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
935 SE BELMONT ST	2014, 2010, 1992, 1980, 1977, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
935 SE Belmont St	2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
936 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
936 BELMONT SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1946, 1935, 1930, 1924
936 BELMONT ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1930, 1924
936 SE BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
936 SE BELMONT ST	2014, 2010, 2005, 1992, 1980, 1977, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
938 13TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1930, 1924
939 ALDER SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1940, 1935, 1930, 1924
939 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
939 SE ALDER ST	2014, 2010, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924

FINDINGS

Address Researched	Address Not Identified in Research Source
940 10TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
940 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
940 MORRISON SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1935, 1930, 1924
940 MORRISON ST SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1930, 1924
940 SE 10TH AVE	2014, 2010, 2005, 1992, 1981, 1980, 1977, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
940 SE MORRISON ST	2014, 2010, 1992, 1980, 1977, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
940 SE Morrison St	2014, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
942 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
943 12TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1946, 1930, 1924
943 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
943 SE 12	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
944 SE 11TH AVE	2014, 2010, 2005, 1992, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
945 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
945 SE 12TH AVE	2014, 2010, 2005, 1992, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
945 SE 12th Ave	2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
946 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
947 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1924
948 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
950 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
951 11TH AVE SE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1946, 1930, 1924
951 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
951 SE 11	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1940, 1935, 1930, 1924
951 SE 11TH AVE	2014, 2010, 2005, 1992, 1981, 1980, 1977, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
951 SE 11th Ave	2014, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924

FINDINGS

Address Researched	Address Not Identified in Research Source
951 SE 13TH	2014, 2010, 2005, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
952 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1924
953 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1924
954 SE 12TH AVE	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
957 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1924
961 SE 11TH AVE	2014, 2010, 2005, 1992, 1985, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1924
963 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
966 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
967 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
969 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
971 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
972 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
973 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930
975 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930
978 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
979 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
980 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
983 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930
985 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1924
990 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935
992 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930
993 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930
994 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930
997 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930

FINDINGS

Address Researched	Address Not Identified in Research Source
998 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930
999 BELMONT	2014, 2010, 2005, 1992, 1985, 1981, 1980, 1977, 1975, 1970, 1967, 1965, 1960, 1955, 1950, 1946, 1940, 1935, 1930

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched	Address Not Identified in Research Source
1120 SE Morrison Street	1992, 1980, 1977, 1967, 1930, 1924

Source Page Images Appendix

TP	Adjoining	Source
✓	✓	Cole Information Services

SE MORRISON ST 2005

245 ★Thompson Barbara A MS Lmft LPC 03 503.790.2126
310 ★Vigil Agrimis Inc 03 503.274.2010
★♣Windermere North Rim Commercial Rea 03 503.497.5393
927 ★Sassys Bar & Grill 93 503.231.1606
940 ★Gretchens Kitchen 99 503.234.4086
1025 ★♣ Douglas Equipment and Supplies + 503.238.1025
★♣ Keller & Keller Pc ..... 86 ⊙503.238.1025
★♣ Lane Eton Foundation .. + ⊙503.238.1025
1105 ★Gourmet Coffee Catering Inc 88 503.234.4811
1120 ★A & S Marketing Inc 93 503.235.8341
★AJP Northwest Inc ..... 88 ⊙503.235.8341
★Cigarette Shop N Save ... 93 503.239.7907
1200 ★Padilla Associates Llc.... 98 503.226.3139
★SMG Foundation 03 503.233.0721
1230 +
103 Noah Albert ..... + 503.736.9017
102 Beau Alexander ..... 01 NP
405 Melissa Anders 04 503.234.3736
412 Lisa C Andersen 94 503.736.3086
310 Goran Babic ..... 01 NP
15 Jonathon Bower ..... 03 NP
411 David F Bryant ..... 91 NP
409 Wayne Carlon 98 503.236.4659
209 Susan M Clay 94 503.235.1269
309 Richard Clingerman 00 503.233.6813
215 Lori Dalton ..... + 503.231.5132
114 Bethany Davidson 03 503.284.7666
♣James Dawson ..... 02 NP
B6 Craig Debuhr ..... + 503.231.5461
406 Mark Digernes 03 503.234.4467
311 Candace Egan ..... + NP
311 Misty Egan ..... + NP
★♣ Fine Specialty Pillows.. + 503.736.3088
408 ◊ Jeffrey G Franz 86 503.234.9841
107 Paul R Gibbs 01 503.235.3749
B10 Ellen M Goss ..... + NP
◊ Ginger L Grass 02 503.233.5984
◊ John Stuart Gross 02 503.233.5984
♣David Hannon ..... 04 NP
312 H Hitchcock ..... + 503.232.4054
304 Terry Huffaker 01 503.234.6969
B6 Alison Ingram ..... + 503.231.5461
211 ◊ Raymond N Jowdy ..... 01 NP
207 M Kruger ..... + 503.230.0835
207 Daniel C Lerch ..... + 503.230.0835
410 Jennifer Marie Lewis 98 503.238.0431
410 S G Lewis 98 503.238.0431
♣M Lindsay ..... 03 NP
205 T Manganaro 02 503.238.6857
402 Michael D McCoy 03 503.239.5056
303 Allen Miller 01 503.234.7748
♣Crystal Minor 03 503.236.6478
111 ◊ Eleanor Renee Norcross 93 503.238.3088
111 ◊ Renee Norcross 93 503.235.3088
12 Michael Perkins ..... 03 NP
114 Jesse Powers 03 503.284.7666
203 Angel Prince 02 503.233.9735
310 ★Radio Cab Driver 98 503.205.3355
401 Greg R Salter 03 503.235.6645
♣Timothy W Smith ..... 01 NP
407 James Stapleton ..... + 503.236.5231
♣David Starr 03 503.234.2051
315 Lamar Tillman ..... + 503.236.3883
♣Donald Vernon ..... 02 NP
109 Stanley K Weagel 99 503.234.7511
306 Sarah C Wiltse 98 503.736.0127
404 Kara B Yoshida 98 503.736.9282
1235 Building
120 ★Chamberlain & Associates Inc 03 503.251.2663
2000 ★Gregg David R & Associates Pc 00 503.238.9771
100 ★Pinson Philanthropic Advancement Inc 99 503.797.0606
150 ★Precision Print Com 86 503.239.0016
2000 ★Riffel Financial Services Llc + 503.231.4761
1300 ★Zells An American Cafe... 85 503.239.0196
1308 ★Isis Tavern 92 503.232.1259
1320 ♣ Nancy Stroble ..... + NP
1322 ★Oregon Natural Heritage Program 01 503.731.3070
★Oregon State University .. + ⊙503.731.3070
1335 Peter A Appleton ..... 95 ●503.232.4283
Wanda H Appleton ..... 95 ●503.232.4283

SE 15TH AVE INTS
1416 ★Inner Sound Electronic Service 04 503.238.1955
★Wax Pdx Llc..... 04 503.289.0409
1502 ★Floyd S Coffee Shop Llc.. 83 503.230.2154
★King Harvest 00 503.239.6515
1505 Masha Chadwick 94 503.238.0706
Peter Chadwick 94 503.238.0706
1507 Nancy Elizabeth Brown .... 98 ●503.234.6114
1511 Apartments
1 Andrea M Sampson 98 503.233.7332
1 Kathleen P Sullivan..... 98 503.233.7332
3 Mary Sykora ..... + NP
1513 Apartments
1 Margaret C Burreson 01 503.234.2607
♣S McCauley ..... + 503.736.7390
3 Rochelle Thomas ..... + 503.236.4614
2 Tyler Vasley ..... 02 NP
1517 Apartments
♣Shannon L Adolph ..... 01 NP
♣Steve D Adolph ..... 01 NP
BSMT Jeanne Benson ..... + 503.236.6009
A John Blay ..... 04 NP
♣William Bryan ..... + 503.232.4213
2 Erica J Fadely ..... 01 NP
♣A Rossi ..... + 503.232.4213
1519 Apartments
2 Ryan Barnes ..... + NP
1 Cory Taubner ..... 02 NP
3 Josh Traina ..... + 503.239.6921
1528 Filiberto Gutierrez ..... 04 NP
1537 ★Dans Classic Auto Parts .. 83 503.234.6674

SE 16TH AVE INTS
1621 Erick Velasquez ..... 03 NP
1623 Angtiorjee Sherpa 02 503.234.0135
1630 Sara Garrett 03 503.232.0897
1635 ★Hands On Massage 03 503.234.0936
1636 Scott M Neal ..... 03 ●503.252.6943
1705 Apartments
1 Michelle Albertson 98 503.235.5651
2 David Garland 02 503.236.7343
3 Bob J Roby ..... + NP
3 Linda S Roby ..... + NP
1724 ★Nc Appliance Services ... + 503.232.2211
★Whos Calling Inc..... 02 503.235.0287
1725 Apartments
5 Tamara Green 01 503.239.8999
2 Kevin Murphy 97 503.239.9877
2 Kevin Murphy 97 503.236.7676
1 James W Stovall ..... 97 NP
5 N Woodruff 01 503.239.8999
1733 ★Souvenir Tattoo 02 503.233.2716
1735 Apartments
4 Kelly Patterson 03 503.236.2864

1802 Bryan R Coates 02 503.232.3762
1807 Gord Androschuk ..... + 503.239.0877
Gordon T Androschuk ..... + 503.239.0877
1811 Linda B Nussbaum ..... + NP
1812 Robin M Troche 02 503.239.3938
1814 Nicholas Matlick ..... + 503.241.4927
1815 Christina A Gushwa ..... + 503.233.1677
Tina Gushwa ..... + 503.233.1677
1817 John Henry Wager III 97 503.239.5677
1818 ..... NP
1822 ◊ Michael L Parker ..... 91 ●503.239.4542
1823 Apartments
2 Daniel H Ball ..... + NP
Pamela Lovall ..... + 503.234.3214
1 Gavin R Seeberger ..... 02 ● NP
1825 Apartments
2 Rebecca H Rungsang ..... 03 NP
1826 ♣ Ryan R Malia ..... 03 NP
1828 Jeff H Little ..... 89 ●503.233.0839
Jeff H Little ..... 89 ●503.235.5957
1836 Robert Brown 03 503.233.0113
Rudy Brown 03 503.236.3176

SE 20TH AVE INTS
1902 ★Andrews & Associates ... 03 503.222.4030
★Ironworkers Shopmens Local Union # 91 503.234.9319
1919 Donald I Barnett ..... 98 NP
Corey Pike ..... 03 NP
1925 ★Jackpot Recording Studio 98 503.239.5389
1931 ★Avanti On Hold ..... + 503.238.0897
★Avanti Video Production.. 95 503.238.4525
★Rex Post ..... 03 ⊙503.238.4525
1962 Building
929 ★♣Wise Deborah PHD Psychologist Reside 03 503.381.1871

SE 23RD AVE INTS
2024 Chad Gay 01 503.235.6428
Elena C Steuber 01 503.235.6428
2026 Kevin M Patterson ..... 02 NP
2026 ..... NP
2052 Apartments
1 Alisha Brune 02 503.234.0448
1 Karl U Brune Sr 02 503.234.0448
3 Tracey Michelle Kravetz ..... + NP
2 Mark Mahoney ..... + NP
Nathan A White ..... 02 NP
2104 ..... NP
2230 Apartments
5 John S Huss 95 503.736.0149
4 Lloyd K Larson 04 503.232.0583
Samuel Simmons ..... 03 NP

SE 25TH AVE INTS
2360 ★American Postal Workers Union 91 503.231.1797
2402 Kevin W Garrison ..... + NP
★Vlf Enterprises 04 503.238.0779
2430 ..... NP
2432 Amy Scott 04 503.963.9522
2518 Allan Scott ..... 03 ●503.236.5959
Richard A Scott ..... 03 ●503.236.5959
2526 Apartments
4 Kathryn Burlingham ..... 03 ●503.233.1170
3 Alicia Korbak ..... + 503.236.1894
2 Tonya R McLean 03 503.231.3826
1 Martin Weiner 88 503.233.6710
2536 Apartments
4 Gilly Burlingham 02 503.234.5705
3 David P Gonnella 97 503.233.6269
1 Nathan Hughes ..... 02 NP

SE 27TH AVE INTS
2613 Apartments
1 Amanda Fraund ..... 97 NP
Tracy Nyarl ..... + 503.230.8303
2615 Apartments
4 Laura Morrill ..... 02 NP
John Parish ..... + 503.227.8254
Terry M Vacheresse ..... + 503.235.0229
2622 Patricia Ann Ayers 00 503.235.0816
Dave Edwards 00 503.235.0816
2623 ..... NP
2624 Josh Emry ..... + 503.284.3013
2625 Lynn M Dusek 96 503.235.3046
2626 Karla L Gonzales ..... 99 NP
2628 Erich Wendtke ..... 04 NP
2630 2631;2632;2634 ..... NP
2635 Margaret Ellen Sherer 90 503.236.2472
2638 ..... NP
2640 Selamawit Tesfai ..... 03 NP

SE 28TH AVE INTS
2725 Aaron Greenberg ..... 96 ● NP
Catherine K Wollam ..... 96 ● NP
2735 ..... NP

SE 29TH AVE INTS
2921 ..... NP
2934 Apartments
4 ◊ Kenneth Moholt-Siebert .... 03 ●503.232.5686
4 ◊ Melissa Moholt-Siebert .... 03 ●503.232.5686
3 Laura Shank ..... 03 NP
2935 Brandy Ward ..... + 503.238.5682
2937 Chad Fasenmyer 03 503.231.0707
2939 Matt Wernet 01 503.233.1576

SE ALDER CT INTS
3005 Apartments
3 Laura Blosser Cannon ..... + 503.233.2337
3 Nadia B Cannon ..... + 503.233.2337
1 Peter R Lavasseur 04 503.235.5581
2 Alexa M Schmidt ..... + NP
3013
6 Bethany Hansen 03 503.231.9797
8 David Arthur Throckmorton.. 02 503.232.1044
8 ★Throcks Brain ..... + 503.232.1044
3016 Rodolfo Jesus Ortega 99 503.236.6827
3018 Joan M Medved 00 503.238.0296
3024 Andrea Gowing ..... + 503.232.9977
3030 ◊ Helen T Weigel ..... 87 ●503.232.6288
3038 3042 ..... NP
3049 ◊ Karen K Jones ..... + 503.262.9970
◊ K A Keating ..... + 503.262.9970
3054 ◊ Heather Eves Meier ..... 90 ●503.235.2934
3101 Justin Cutler 03 503.735.4650
3103 David Chipps ..... + 503.235.0861
3104 Marsha A Campbell 03 503.239.3984
3105 Jean Gordon ..... + NP
3107 Amber Dawn Elstad 04 503.235.6901
3109 ◊ Mabel M Olsen 80 503.232.8232
3111 Sandra Bernardi 02 503.234.5284
3112 ◊ Jan M Fordier ..... 94 ●503.233.7223
3113 Micki S Fricker 00 503.234.9832
Micki Selvitella 00 503.234.9832
3115 ◊ Lois M Orcutt 98 503.235.5746
3117 Brad M Fruhauff 02 503.234.2431
3119 Patricia E English 01 503.235.7138
3121 ..... NP
3125 Vasily Litvinov ..... ♣ ● NP
3128 ♣ Raymond L Classen ..... 00 ●503.236.5182

3129 Apartments
George B Dames ..... 01 NP
◊ Barbara S Eicher ..... + NP
◊ Greg L Eicher ..... + NP
Tracey Kravetz ..... + 503.230.1278
33 Angela Richardson ..... 02 ● NP
3131 Perry Larkin ..... + NP
3133 David E Pittsaldi ..... 03 NP
Carol A Steo ..... 03 NP
3134 Kprena Abernathy ..... + 503.236.0675

SE 32ND AVE INTS
3205 ◊ James H Berglund ..... 79 ● NP
3212
7 Garri Burdick ..... + 503.230.8198
6 Sommer Chambers 03 503.235.0073
8 ♣ Amelita A Digregorio ..... + NP
6 M Dye 03 503.235.0073
♣Ann L Heideman ..... 00 NP
♣William Kaltenthaler ..... 97 ● NP
♣T Muscutt ..... + 503.238.6429
Marc D Smith 02 503.236.2368
2 Jeffrey A Wollam 02 503.236.0310
2 Robert L Wollam 02 503.236.0310
2 ★Wollcorn ..... + 503.236.0310
3218 ♣ S Harvar ..... 03 NP
3221 Apartments
♣Gary R Pope ..... 86 ● NP
3 Brittany Renne ..... + NP
2 Phyllis M Williams 94 503.293.8055
3228 ◊ Annie I Velsch 01 503.233.7378
3229 Diantha Marlene Hoffhines.. 85 ● NP
Marlene Hoffhines ..... 85 ● NP
3230 Eva J Coffman 98 503.235.3325
3232 Josh Stibolt ..... + 503.231.5964
3236 ♣ E H Parke 02 503.235.5363
♣R E Parke 02 503.235.5363
3237 ◊ Rebecca L Macy ..... 76 ●503.232.1748
◊ James M Reynolds ..... 76 ●503.232.1748
3238 ..... NP
3240 J Cadotte ..... + 503.274.0407
3242 ★♣ Wisp Technologies .... + 503.239.0953
3246 Marie L Roque 03 503.232.3974
Vanessa Roquez 03 503.232.3974
3248 S Painter ..... + 503.235.1341
T Painter ..... + 503.235.1341
3250 3252 ..... NP
3254 Kerry Dean Barker 99 503.239.0953
Lisa E Barker 99 503.239.0953
3256 Heather Hawkins ..... + 503.236.0727
3260 Rosalba Chavez ..... + NP
3262 ♣ Pamela Bartley ..... + 503.235.6292
3264 ..... NP
3266 ♣ Brian Kor 03 503.236.4499

SE 34TH AVE INTS
3311 ..... NP
3317 ◊ Jessica Ann Glenn ..... 99 ●503.236.5057
◊ Mary I Glenn ..... 99 ●503.236.5057
3321 Jay R Jacobs ..... 99 ●503.235.5410
3325 Jeffrey Glenn Johnson ..... 00 ●503.233.0790
Sachiko Kimura Johnson ... 00 ●503.233.0790
3329 Adam S Berger ..... + 503.286.3228
3333 David L Braddon ..... 96 ●503.235.1358
3337 Michael E Bragg ..... 96 ●503.236.3970
Patricia A Bragg ..... 96 ●503.236.3970
3340
504 Mary Kathleen Allen 02 503.235.6828
504 Richard M Allen 02 503.235.6828
220 Rya M Armstrong ..... + NP
406 ◊ Lawrence Michael Ault 97 503.239.7292
516 Jonathan Y Bean ..... 03 NP
387 Betty Beckthold ..... 02 NP
★♣ Belmont Limited Partnership + 503.235.4312
Shayne M Berry ..... + 503.234.2474
418 Cocann A Blackburn 02 503.234.5742
389 Christine Bolt ..... + 503.233.3190
♣Jon A Buchli ..... 02 NP
212 ★Bushitedoctrine ..... + 503.963.8867
212 ★Bushitedoctrine ..... + ⊙503.963.8867
304 Benjamin Cannon 03 503.235.4078
304 Elizabeth Cannon 03 503.236.4078
424 Aerin P Caputo 96 503.797.0019
388 Sarah C Caswell ..... + NP
526 Susan L Cecil 93 503.235.9324
410 Earl Clark 02 503.236.8480
410 Melissa L Clark 02 503.236.8480
♣M David ..... + 503.232.3351
208 Theresa Duncan 03 503.231.5927
386 Bruce L Eikenberry 96 503.231.9428
316 ★Even Flow Plumbing..... 03 503.239.8439
320 Kyle A Garren ..... 00 NP
522 Mary L Gorsline 98 503.236.9241
★♣ Guardian Communities ... + ⊙503.235.4312
302 Ric Hamburg 04 503.233.7667
202 Elizabeth R Helmuth ..... 97 NP
1 Matthew Hicks ..... + 503.232.8657
224 ♣ Matthew Horn ..... + 503.234.0127
224 ♣ Nina Horn ..... + 503.234.0127
Justin Hunt 03 503.238.0185
Lisa Hunt 03 503.238.0185
328 Jessica Jones ..... + 503.230.4848
♣Michael G Knowles ..... 00 NP
♣G Larson 03 503.233.4025
528 Gretchen Larson-Otto ..... + NP
414 ◊ Diana M Linderoth ..... + 503.977.0902
414 ◊ Thomas Ray Linderoth ..... + 503.977.0902
William H Lynch ..... + 503.234.2474
236 Skip R McRobert 98 503.233.3082
393 Todd Richard Merrick ..... + NP
512 Jesse Millan 01 503.233.8150
512 Katherine Millan 01 503.233.8150
308 Jean F Miller 99 503.236.3760
382 David S Millstone ..... 01 NP
306 ◊ Rachel Mitrani ..... + NP
214 Ryan Mohler 03 503.236.8785
♣Gina Moreno ..... 01 NP
210 ◊ Dennis Edward Neagle Jr... 03 503.232.0218
210 ◊ Jennifer K Neagle 03 503.232.0218
392 David J Norton ..... 02 NP
396 Anneke Erin Oconnell ..... 03 NP
324 A Orgodronikov 02 503.233.2551
♣Chris Parrish ..... + 503.305.4311
400 Sarah V Patzel ..... + NP
♣S Petry ..... 02 NP
500 Theresa M Poirier 00 503.238.4564
206 Julietta Randles 03 503.239.6134
524 ◊ Courtney L Routh ..... 03 NP
222 ◊ David Rowland 99 503.231.9105
234 Isaac Saidel 03 503.233.8742
380 David V Shintani 03 503.232.8194
364 Vinay Siddappa 03 503.236.8312
510 Nathan Sloss ..... 02 NP
228 Caitlin J Smith 02 503.234.4721
♣Amy Lynne Soltau ..... 02 NP
391 John Stafford ..... 04 NP
394 Amy J Stephenson ..... 04 NP
310 ◊ Veronica Stotts 03 503.236.7411

506 ♣ Jenni Struck ..... + 503.230.1105
402 Blanche R Taylor 00 503.235.9113
232 Nancy C Tency 94 503.797.9598
388 ★The Cheese Shop ..... + 503.236.3947
♣Matt Vandyke ..... 02 NP
312 Emma Villegas ..... + 503.235.0356
230 John Frederick Weblin..... 02 503.232.0456
316 Matthew White 03 503.239.8439
322 Jack O Williams 02 503.235.7176
3350 ★Salvador Mollys 03 503.234.0896

SE 35TH AVE INTS
3421 Paul S Demorgan ..... 00 ● NP
3422 Frank G Klein ..... 97 NP
Molly E Klein ..... 97 NP
3428 Dana Ullman ..... + NP
34290 Eric J Pepos ..... 04 ● NP
◊ Eve D Pepos ..... 04 ● NP
34340 Bushra Azzouz 02 503.231.1185
3436 Andy Larkin 02 503.236.4763
3442 ◊ Mark L Pirkle ..... 00 ● NP
◊ Marlene L Pirkle ..... 00 ● NP
3449 Myron Leroy Wright ..... 94 ● NP
Velta E Wright ..... 94 ● NP
3505 Apartments
1 Loran Brucine Keune ..... 03 NP
4 ◊ Lenore A Thayer ..... 97 NP
2 Stacie Webb ..... 03 NP
3519 Kent E Wade ..... 97 ●503.232.3689
3525 ..... NP
3526 Steven L Grote 02 503.233.6875
Cesar Negrete 02 503.233.6875
3530 ..... NP
3534 Peggy E Snedeker ..... 93 ●503.232.1515
Phyllis M Snedeker ..... 93 ●503.232.1515
3535 K C Hoffert 01 503.233.7570
3540 Darrin J Gallagher ..... 93 ●503.232.6938
Teresa Gallagher ..... 93 ●503.232.6938
3543 Jeanine Milliken ..... 03 ● NP
3546 ★Armpp Llc 03 503.234.1456
Phillip R Cross ..... 95 ●503.234.1456
3550 Jason M Kraft ..... 94 ●503.731.0931
Kara C Kraft ..... 94 ●503.731.0931
3551 ..... NP
3558 Tiffany Noreuil 02 503.235.3324
3559 Leith A Nippes ..... 94 ● NP

SE 37TH AVE INTS
3607 Ella M Stilwell ..... 96 ●503.234.6979
Robert E Stilwell ..... 96 ●503.234.6979
3612 Myrna P Blake ..... 88 ●503.236.2468
Mae A Norman ..... 88 ●503.236.2468
3617 Crystal A Schenk 01 503.232.1417
3621 L Johnston ..... 75 ●503.232.7902
Vera L Johnston ..... 75 ●503.232.7902
3635 ..... NP
36360 Richard P Albertson ..... 96 ●503.736.9485
★Hinkle & Sons Fine Woodworking 98 503.245.4094
3641 Ann E Gravatt ..... 99 ●503.234.0020
3642 ..... NP
3647 Linda M Lorenz ..... 92 ●503.230.1270
3653 Susan L Douglass 02 503.235.5977
3656 John David Beaver ..... 98 ●503.231.6308

SE 38TH AVE INTS
3703 Camille Cettina ..... 02 NP
3704 Carol J Cook 92 503.231.7604
3705 K Luke ..... 01 NP
3717 Marcia K Klotz ..... 04 ●503.736.9301
Leerom Medovoi ..... 04 ●503.736.9301
3718 Mary K Jarboe 01 503.232.1614
3721 Mark A Johnson ..... 97 ●503.233.5806
3725 ♣ Greg Martin 01 503.235.4753
3726 Susan Schaefer ..... 02 ●503.233.2039
Waltersusa V Schaefer ..... 02 ●503.233.2039
3734 ♣ Susan M Collard ..... 03 ●503.230.9561
3741 Kelly Brown 00 503.236.8838
Nicola Brown 00 503.236.8838
3742 Robert Louis Foster ..... 85 ●503.231.9040
3746 Ian A Burgess ..... 03 ●503.239.2077
3747 ★Arroyo Music 03 503.236.6872
Patrick William Gamble .... 01 ●503.236.6872
3755 Zoe D McLellan ..... + ● NP
Ryan M Pinkham ..... + ● NP
3760 ★Openvein ..... + 503.236.6395

SE 39TH AVE INTS
3801
11 David Anderson 03 503.236.0422
1 ◊ Michael P Breen 00 503.234.0173
11 ★Chi Evolution Llc 03 503.238.0422
8 ◊ Jeanine T Clark ..... 99 NP
8 ◊ Sean W Clark ..... 99 NP
♣Belinda Khyon ..... 86 ● NP
♣Frederick M Khyon ..... 86 ● NP
10 Katherine A Medunas 92 503.796.9520
♣Kathleen E Stackhouse 03 503.230.2234
♣R Stackhouse 03 503.230.2234
3818 Darrel W Peterson ..... 96 ●503.234.8603
Deanna Jeanne Peterson... 96 ●503.234.8603
3833 Carol E Smith ..... 75 ●503.234.2438
Ralph A Smith ..... 75 ●503.234.2438
3834 Marjorie Reedy 03 503.235.6696
3842 Apartments
B Emma Christensen ..... 02 NP
Laura Ellsworth 03 503.232.3871
Larissa Podzaline 04 503.235.3537
3845 ★Blue Collar Industries Llc + 503.235.8360
Terry H Jones 01 503.235.8360
3851 ★Duffs Garage 02 503.239.7629
Jennifer L Krom ..... 98 ●503.236.2513
Jonathan C Wallace ..... 98 ●503.236.2513
3859 Joanna C Brown ..... 96 ● NP
Nicole K Brown ..... 96 ● NP

SE 41ST AVE INTS
4109 Apartments
Marty A Planer 00 503.235.7116
1 Kara M Sundell ..... 03 NP
Beth Weidler ..... 03 NP
4110 Apartments
2 Allison Hughes 02 503.236.6595
4 Chad Johnson ..... + NP
4115 Apartments
3 ◊ Lisa M Bradshaw 90 503.231.1062
1 R Golden 98 503.236.3151
4119 Apartments
4 ◊ Heather Angler 01 503.235.3284
4 ◊ Todd M Vogt 01 503.235.3284
4120 Apartments
2 Luke Danielson ..... + NP
4204 - 8134 97215

SE 42ND AVE INTS
4204 Lawrence John May ..... 95 ●503.233.1019
Linda Jeanne May..... 95 ●503.233.1019
4205 ..... NP
4209 Ronald P Hord ..... + 503.236.3284
4212 Estre P Johnson ..... 95 ● NP
Larry M Johnson..... 95 ● NP
4213 Anna Buckley ..... + 503.236.8625

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CT - Census Tract AB,Etc. - Census Tract Home Value Rating ★ - Business Listing ⊙ - Duplicate Phone Number At This Business Address ◊ - No Mail Solicitation

TP	Adjoining	Source
-	✓	Cole Information Services

SE ALDER ST 2005

Kurt V Dubach ..... 94 • 503.771.7680
6506 Karen J Taylor ..... 91 • 503.788.5770
Robert Taylor ..... 91 • 503.788.5770

-SE BELL AVE INTS
6735 ..... NP
6745 Heidi Quist ..... 02 NP
Jason W Quist ..... 02 NP
6753 ..... NP
6754 Delmar W Arave 94 503.788.6729
Jeannine V Green 94 503.788.6729
6768 Joel Richard Carter ..... 00 NP
6795 ..... NP
31 RESIDENCE 1 BUSINESS

● SE ALDER ST

CT	21.00	0 - 1	$B
CT	11.01	109 - 1535	$B
CT	12.01	1626 - 2943	$B
CT	13.01	3010 - 3841	$C
CT	14.00	4105 - 4264	$C
CT	18.02	4305 - 5711	$B
CT	16.01	6220 - 8135	$C
CT	16.02	8226 - 9341	$E
CT	82.02	11131 - 11918	$E
CT	92.01	12600 - 13314	$E
CT	92.02	14208 - 14507	$D
CT	97.01	15528 - 16133	$E
CT	97.02	16351 - 18001	$E

▶▶ 1 - 4124 97214

1 ★ Casa Bruno Llc 98 503.235.7429
109 Building
★ Ace Vending Co 95 503.239.6864
★ Baxters Plano Express ... 93 503.235.2629
★ Beautiful Designs 94 503.233.0084
109 ★ Lehman Computer Services 00 503.235.6595
★ Money Saver Mini Storage 90 503.235.3333
★ Portland Storage Too .... + 503.235.5674
203
202 ★ Apollo Pet Supply ..... + 503.239.4266
★ ♣ Choo Choo Imports 91 503.239.7243
202 ★ Eagle Pacific ..... 92 • 503.239.4266
202 ★ Norstar Inc ..... 92 • 503.239.4266
★ ♣ Rexotic Products ..... + 503.239.5770
♣ David M Twain ..... 92 • NP
222 ★ Aria Imports 97 503.236.3648
★ Chromatix Inc 99 503.230.8925
★ Point Blank Distributing .. 03 503.232.1688
231 ★ Rinella Produce 89 503.238.1360
321 Building
306 ★ Adams Enyeart Dvlpmnt Llc + 503.249.6501
311 ★ E Funds Net Co 04 503.239.7708
306 ★ Efunds International Inc .. + ⊙ 503.239.7708
★ Lavier Enterprises 92 503.234.8532
311 ★ Shop Palmer Wirls Com .. 03 ⊙ 503.239.7708
306 ★ Soracco Law Offices Pc .. 04 ⊙ 503.239.7708
7 ★ The Northwest Hydrogen Alliance ..... 03 ⊙ 503.239.7708
7 ★ USA Credit Card ..... 02 ⊙ 503.239.7708
306 ★ USA Group ..... + 503.235.2750
311 ★ World Wide Merchant Services + ⊙ 503.239.7708
615
★ ♣ Alder Street Parking Garage + 503.279.6012
300 ★ David Emmite Studio 99 503.239.5135
♣ Bruce L Kaad ..... 03 • NP
♣ Kathleen L Kaad ..... 03 • NP
336 ★ Mandala Designs Llc 04 503.579.8035
★ ♣ Nangeroni Designs 97 503.234.5545
★ ♣ Rivers of Life Church .. 95 503.234.0659
303A ★ Shen Men Feng Shui 98 503.232.2543
303A ★ Steflik Betty Graphic Design 90 ⊙ 503.232.2543
♣ William Taylor Ill ..... 00 NP
★ ♣ The Melody Ballroom .. 03 503.232.2759
808 Building
300 ★ Allied Health Services Treasure Vall + 503.226.2203
★ Reliable Service People Inc 98 503.235.6335
820 ★ Power Plastics Corp 01 503.230.2878
935 ★ Beca Inc 01 503.238.1987
939 Building
1 ★ Egg Press 99 503.234.4233
★ Houser Works Llc 98 503.235.9112
★ Terrazign Inc 99 503.238.3828
1110 Building
301 ★ Jeanne Lawson Associates Inc 96 503.235.5881
★ ♣ Manager ..... + 503.236.3497
205 ★ Portland Federation of Teachers Clas 01 ⊙ 503.236.3497
★ ♣ Representative ..... + ⊙ 503.236.3497
1110SE ★ Shambhala Meditation Center 96 503.231.4971
201 ★ Wescor 88 503.231.4009
201 ★ Western Financial Planning 83 503.238.5561
1403 ..... NP
1409 Patsy Ann Bonar ..... 99 • 503.236.1646
1415 Apartments
203 Lisamarie Leslie ..... 04 NP
Adrielle Rose ..... + NP
David T Rosenak ..... 90 • 503.232.8926
1423 Brian Dack ..... + 503.238.0449
1425 Jessica R Black ..... + NP
1437 Derek Yerke ..... 02 NP
1507 Ned Vance Jaquith ..... 77 • 503.231.7322
Nancy H Oberschmidt ..... 77 • 503.231.7322
1516 ..... NP
1518 ⊙ Beth J Littlehales 00 503.233.6720
1522 ⊙ Cynthia L Faust ..... 84 • 503.233.9210
⊙ Cynthia Lafaust ..... 84 • 503.233.9210
1524 Christopher M Lamb 93 503.236.0811
1535 Patricia Jo Faris ..... 77 • 503.232.7563
Terrence J Faris ..... 77 • 503.232.7563
1626 Apartments
5 Holly C Decker 94 503.234.8222
♣ Maurizio Esposito ..... + 503.231.2402
♣ Ryan Neal ..... 02 NP
3 Kathryn Sanger 03 503.233.6634
1 C R Smith 04 503.231.2744
1 Nadine Smith 04 503.231.2744
1703
♣ Angela Baker 04 503.235.0892
5 Yolanda J Calvillo ..... + 503.226.1652
8 ⊙ David E Holland ..... 04 NP
4 Lauren Patterson ..... + 503.231.6523
6 C Shonkwiler ..... + 503.281.6345
7 ★ Webmondenet ..... + 503.234.8884
3 Robin A Wilcox 01 503.236.4559
1 ⊙ Amy Wren 03 503.236.8506
1714 Farrokh Niroomand Rad .... 03 • NP
Franz Rad ..... 03 • NP
1716 ..... NP
1718 Brad C Lamastra ..... + NP
W Lamastra ..... + NP
1720 Sara Sara Van ..... + NP
1725 Shane Johnson ..... + 503.230.9034
1726 ..... NP
1726 Sara E Outcalt 02 503.235.3983
1732 Elizabeth Gustafson ..... + 503.230.0892
1734 ★ Fever Theatre 03 503.233.4420
Kate L Sanderson 03 503.233.4420
1736 Maggie A Gardner ..... 97 NP
1738 Daniel Mobley ..... + 503.235.0148
1805 Frank Artrip ..... 80 • 503.235.3294
Molly M Heaney ..... 80 • 503.235.3294
1815 ★ Broadway Cab Driver 94 503.760.9220
Ramon L Catabay ..... 95 • NP
1816 Joanne L Weymouth ..... 97 • 503.233.9740
Kent O Weymouth ..... 97 • 503.233.9740
1823 ★ DC Donohue ..... + 503.235.7274
⊙ Daniel C Donohue ..... 99 • 503.235.7274
⊙ Maryb Donohue ..... 99 • 503.235.7274
1826 ⊙ Jeffrey A Strang ..... 92 • 503.234.2946
1833 ★ Kreulz Construction 03 503.314.5043
Dorothy I Kreutz ..... 68 • 503.232.5386
Randall W Kreutz ..... 68 • 503.232.5386
1904 Barbara Dragseux ..... 02 • NP
1915 ⊙ Christine Pyungmi Yun 01 503.233.0276
⊙ Joseph M Yun 01 503.233.0276
1925 Apartments
3 Charity Harris 03 503.232.5337
♣ A Jolmson ..... + 503.234.4064
♣ J Johnson ..... + 503.234.4064
4 David Kocsis ..... + 503.235.7578
2 Maria Wagner ..... + 503.234.3735
1933 Michael Szporluk ..... + • NP
1936 Tracy Streabel ..... + NP
-SE 28TH AVE INTS
2702 ..... NP
2704 Nick Clements ..... + NP
2706 Jennifer L Legaul 02 503.236.8645
Scott Legaul 02 503.236.8645
2708 Jason G Belknap ..... + NP
Melissa M Belknap ..... + NP
2712 Matthew Woodbury 00 503.239.0163
2714 Brian Hutwagner 00 503.238.6676
2716 Duwayne E Albers 95 503.232.8025
Jamie L Albers 95 503.232.8025
2718 2720 ..... NP
2727
James Christenso ..... 04 NP
M Gallagher ..... 03 NP
8 James T Hopper ..... 01 NP
Brandi A Lee ..... 02 NP
Leonard Martin ..... 01 NP
★ Our House of Portland ... 91 503.234.0175
2730 Signe A Larson 97 503.233.9527
2732 Ben J Lincoln ..... 03 NP
2734 Andrew Wilson 03 503.236.2462
-SE 29TH AVE INTS
2824 Paige Saaz ..... 01 NP
2905 Colin Livesey ..... + 503.236.3342
2909 Phillip C Anderson 98 503.234.4218
2911 M Eisenbach 03 503.231.2449
2915 ..... NP
2921 Apartments
4 Ethel L Barnett 92 503.234.4997
♣ Loris Doyle ..... 02 NP
3 ⊙ James Schroeder ..... 92 NP
1 Karl E Serkland 02 503.232.0563
2924 Dawn B Higgins ..... 00 • 503.234.6152
Tom S Higgins ..... 00 • 503.234.6152
★ Wsmf ..... + 503.234.6152
★ Wsmf Sounds ..... + ⊙ 503.234.6152
2934 Apartments
20 Jeanne Bair ..... + 503.236.7851
21 ♣ Cory R Davis 98 503.236.6631
9 Ben A Durham 96 503.231.0855
11 Jeff Ellin ..... 03 NP
3 ⊙ Roberta A Hall 98 503.233.4361
18 James J Kinley 97 503.232.6794
♣ Phatthacong Navong ..... + 503.236.0738
5 Clark A Nickels 96 503.235.1135
21 ♣ Becky Schoen 98 503.236.6631
4 Rebecca Ann Simon ..... + NP
4 Michael A Teutschel ..... + NP
7 Sarah Uhlemann ..... + NP
2943 Apartments
6 ⊙ Ellie S Fiore ..... 02 NP
15 Wendy Renee Freeman 01 503.238.5989
10 Allie Furiotti ..... + 503.236.6585
14 ⊙ Jonathan Gordon 01 503.235.8581
22 Christoffer Hansen 03 503.239.1845
21 Emily R Hokay ..... + NP
♣ Karen Jessup ..... 02 NP
5 Lauren Kermoade 03 503.231.5427
♣ Jeff Koldewyn 03 503.236.3403
♣ David Krueger ..... + 503.295.7804
7 Scott McMullen 03 503.233.7975
20 ⊙ Elliot D Mozorosky 99 503.232.0009
12 Erik Peterson ..... 03 NP
19 Alyssa J Rubinstein ..... + NP
20 ⊙ Georgina Elizabeth Ruff 99 503.232.0009
18 Diana Scott ..... + 503.238.2942
9 Kate L Short ..... 03 NP
23 Dave Wielgus ..... + 503.238.0771
13 Cheryl Alice Zechmann ..... 03 NP
-SE ALDER CT INTS
3010 John S Halverson ..... 99 • 503.239.6906
Trinity Halverson ..... 99 • 503.239.6906
Drew E Strayer ..... 01 NP
Jason T Walker ..... + NP
3027 Barry Frost 04 503.236.0206
3033 Paul Carrigg 03 503.233.4611
3039 Scott R Lahtaine 01 503.235.7296
3051 Jessica Wicklund ..... + 503.233.7929
-SE 33RD AVE INTS
3203 Ruth E Beaven ..... 01 • 503.234.6649
Steve W Beaven ..... 01 • 503.234.6649
3209 Helen J Meier ..... 97 • NP
3215 Bettina Grace Hetz ..... 98 • 503.231.8989
Earl C Hetz ..... 99 • 503.231.8989
3223 ♣ Ian Read ..... + 503.239.3714
3224 Kelly Kennedy Brown Jr .... 96 • NP
3231 Christopher C Hallstrom .... 04 • 503.230.2902
Nora R Leibowitz ..... 04 • 503.230.2902
3236 Apartments
Merryn M Gregory 03 503.235.2500
2 Mary K Sterns ..... 99 NP
3237 ..... NP
3243 Mark A Downey ..... + • NP
3253 Glaudia Porath ..... 01 NP
Laura A Raynor 04 503.235.7415
Franz Spellvogel ..... + 503.284.3999
-SE 33RD PL INTS
3312 Gary R Booker ..... 03 • NP
Sharon Lynne Booker ..... 03 • NP
3316 Kimberly D Murray 99 503.234.4991
3317 Russell A Hoffman ..... 04 • NP
3320 Thomas G Russell ..... 03 • NP
3323 ..... NP
3324 Katherine A Coryell ..... 99 • 503.232.5532
Richard David Coryell ..... 99 • 503.232.5532
3326 ..... NP
3332 Mark A Sweeting ..... 02 • NP
Janene Thomas ..... 02 • NP
3337 ⊙ Robert C Wardwell ..... 02 • 503.233.0234
★ Wardwell Designs 03 503.233.0234
-SE 35TH AVE INTS
3416 Teresa J Starr 94 503.235.9630
3420 ⊙ Amanda Suzanne Smith .... + NP
⊙ Brian A Smith ..... + NP
3423 ⊙ Aubrey C Pullman ..... 97 • 503.231.0312
⊙ Jane G Pullman ..... 97 • 503.231.0312
3435 E Mercer ..... 01 • NP
3439 Pamela Sue Colton ..... 02 NP
3440 ★ Baldwin Foster Printers .. 00 503.235.4143
3441 Lenora H Huston 00 503.233.0965
Wayne Huston 00 503.233.0965
3450 ★ Terracycle Inc 93 503.231.9798
3504 Peter Belizi ..... + 503.235.6055
35100 Kate L Haas ..... 96 • 503.872.9943
3511 Barbara Newell ..... 95 • 503.233.4727
3516 Sharon K Hill ..... 84 • 503.234.7080
3517 ..... NP
3525 Melissa Morgan ..... + 503.232.7068
3528 Rory D Mackay ..... 93 • NP
35350 Brian Donald Moran ..... 96 • 503.234.9962
35360 Katharina Schneider ..... 90 • 503.239.8414
⊙ Willi Schneider ..... 90 • 503.239.8414
35450 Tania Marie Wisotzke 03 503.232.3947
3548 Elizabeth Elizabeth Dorr .... 93 • NP
3553 Victoria Fredrickson ..... 01 NP
3554 Mary Jo Marshall ..... 90 • 503.239.6588
3555 Dexter L Ledford 01 503.235.9546
Susan J McKay 01 503.235.9546
-SE 37TH AVE INTS
36020 Carolyn Ann Kadas ..... 90 • 503.238.9859
⊙ Marianne H Kadas ..... 90 • 503.238.9859
3603 Apartments
3 ⊙ Lynn Keating ..... 03 NP
1 Jane Lewis 02 503.235.0904
1 Wesley Lynch 02 503.235.0904
5 Nexus S Nichols 02 503.234.3791
5 Sandra Nichols 02 503.234.3791
2 Leigh W Stone 01 503.287.0845
2 Troy Lee Stone 01 503.287.0845
3612 James H Butler ..... 93 • NP
Shauna L Butler ..... 93 • NP
3615 Joshua R Palmer ..... 02 • 503.287.1515
Annette T Shaff-Palmer .... 02 • 503.287.1515
36160 Cathy E Watkins ..... 93 • NP
3624 David F Bucher ..... 94 • 503.234.3981
36250 Martha M Brooks ..... 96 • 503.232.1459
3634 Kendall Rundberg ..... 94 • 503.236.3844
3635 Barbara E Moshofsky ..... 03 • 503.234.6345
★ Moshofsky Plant Creative Service 94 503.241.9082
3641 ..... NP
3652 Abbie G Weisenbloom ..... 94 • 503.233.4945
Harold T Weisenbloom ..... 94 • 503.233.4945
-SE 38TH AVE INTS
3702 Terry N Martell ..... 98 • 503.232.1909
3705 ..... NP
3710 Gabriel Fields ..... + • 503.235.3420
Howard L Fields ..... + • 503.235.3420
3711 Debra E Figutto ..... 94 • NP
Peter D Figutto ..... 94 • NP
3714 ★ Emergent Medicine Llc .. + 503.295.1768
Tonje H Schei ..... 01 • 503.239.7324
Lewon H Stewart ..... 01 • 503.239.7324
3717 ..... NP
3722 Sara Beth Roth 99 503.233.6756
3727 ..... NP
3730 Anne Garvin ..... 56 • 503.232.1344
Claude L Garvin ..... 56 • 503.232.1344
3733 Ilka M Barnes ..... 84 • 503.232.4437
Timothy C Barnes ..... 84 • 503.232.4437
3739 Brian C Renauer ..... 00 • 503.233.6530
Molly T Renauer ..... 00 • 503.233.6530
3740 Brandi Poulsen 04 503.235.5282
37470 Constance M Whelan ..... 82 • 503.239.0116
3748 Jennifer A Russina ..... + • NP
Benjamin N Watson ..... + • NP
3752 Ann L Crowe ..... 02 • NP
M Dean Crowe ..... 02 • NP
3757 Albert Chu ..... 92 • 503.232.9239
-SE 39TH AVE INTS
3805 Richard L Dutson ..... 96 • NP
Thelis Jane Dutson ..... 96 • NP
3814 Brandon Estevez ..... + NP
38150 William Smith ..... 98 • 503.233.8528
3825 Alice Smith ..... 00 • 503.233.9076
Wayne S Smith ..... 00 • 503.233.9076
3826 ♣ Joshua Hutchens ..... 04 • NP
3833 Apartments
2 Erika Carson 01 503.234.5955
3 Anh Nguyen 92 503.230.9835
3 Phuong T Nguyen 92 503.230.9835
♣ Khim Sokhom ..... 02 NP
1 Tham Tun 03 503.239.7240
2 Wesley Westfall 01 503.234.5955
3834 Flavia Bentley ..... 99 • 503.235.5793
Phillip S Bentley ..... 99 • 503.235.5793
38400 Meredith N Hendricks ..... 04 • 503.239.7451
⊙ Peter E Nierengarten ..... 04 • 503.239.7451
3841 ♣ Darrel Hall ..... 02 NP
-SE 41ST AVE INTS
4105 Dawn E Young ..... 01 NP
4124 Apartments
4 Orlanna Barker 89 503.235.5727
3 Pamela E Riggs ..... 94 NP
▶▶ 4211 - 8135 97215
-SE 43RD AVE INTS
4211 ..... NP
4215 Catherine King ..... + 503.236.4298
4216 Charlene M Eckholt ..... + • NP
Robert C Haas ..... + • NP
Jeremy A Llewellen ..... + • NP
4233 Daniel Keegan ..... + 503.232.4295
4234 Martha W Truesdell ..... 02 NP
4242 Janette Lucile Mercier ..... 93 • 503.234.8883
4243 ..... NP
42500 Eric R Hein ..... 50 • 503.232.0614
⊙ Mary Theresa Hein ..... 50 • 503.232.0614
4251 Ginger A Naramore ..... 83 • 503.231.7166
4261 Anne F Kimberly ..... 98 • 503.234.4094
4264 ..... NP
-SE 45TH AVE INTS
4305 Blaine E Cabellyalen ..... 80 • 503.235.6241
4316 Linda C Drake ..... 92 • 503.234.2538
Moss C Drake ..... 92 • 503.234.2538
★ Flat Out Press 03 503.234.2538
4322 Henry H Hines ..... 98 • 503.231.0652
43230 Jill S Hauke ..... 76 • 503.233.1563
⊙ Leonard W Hauke ..... 76 • 503.233.1563
4404 Marijen J Sharlock ..... 88 • 503.236.3209
4405 Ben Hutchinson 02 503.863.1986
4407 ..... NP
44110 Dale E Garland ..... 78 • 503.236.0981
⊙ Sandra L Garland ..... 78 • 503.236.0981
-SE 46TH AVE INTS
4511 Vito Rocco Paragine 78 503.238.1394
5540 Dorothy E Vollmer ..... 96 • 503.239.8066
Edwin C Vollmer Jr ..... 96 • 503.239.8066
5605 Francis J McNulty ..... + • NP
5610 ..... NP
5615 Debra L Jancho ..... 97 • 503.235.7256
Kori M Jancho ..... 97 • 503.235.7256
56230 Justine Justine Seidel ..... 01 • 503.239.4764
⊙ Thomas Anthony Seidel ..... 01 • 503.239.4764
-SE 55TH AVE INTS
5711 Garda F Haus ..... 82 • 503.235.3772
-SE 63RD AVE INTS
6220 ♣ Jeff E Mock ..... + NP
6222 Beverly B Benadom ..... 01 NP
6235 George Charles Ruselli ..... 92 • 503.232.8690
Rose Anna Rusell ..... 97 • 503.232.8690
6241 Marcus David Swanson ..... 03 • 503.239.1940
-SE 71ST AVE INTS
71070 Mary O Orill ..... 99 • NP
7115 Deedee Toulou 03 503.254.3943
7126 Cathy Reilly ..... 94 • 503.253.3626
Edward S Reilly ..... 94 • 503.253.3626
7150 Michael L Smith ..... 92 • NP
Sieglinde K Smith ..... 92 • NP
-SE 72ND AVE INTS
7220 Donald P Farrelly ..... 82 • 503.255.0344
Phillis F Farrelly ..... 82 • 503.255.0344
7223 Mary Helen Pullen ..... 65 • 503.253.9246
7233 Clara E Bassham ..... 94 • 503.256.0805
Ronald Bassham ..... 94 • 503.256.0805
7303 Rose Marie Ivetta ..... 93 • 503.254.8974
7320 H Frederic ..... 86 • 503.256.4939
73330 Suzanne E Stratton ..... 91 • 503.408.8454
⊙ Vinton Scott Stratton ..... 91 • 503.408.8454
-SE 74TH AVE INTS
7407 ♣ John K Orris ..... + • NP
7408 ★ Aderers of The Holy Cross 86 503.254.3284
74210 Dorcas A Williams ..... 82 • 503.257.0807
⊙ Jeffrey Williams ..... 82 • 503.257.0807
74370 Daniel E Sauerwein 03 503.282.0190
⊙ Lois M Sauerwein 03 503.282.0190
-SE 76TH AVE INTS
7525 Thaichong Doan 03 503.253.2797
-SE 76TH AVE INTS
7605 Gerald E Kaufman 02 503.253.9648
Margaret M Kaufman 02 503.253.9648
7607 Daniel Fazio ..... + • NP
Elizabeth Speranza ..... + • NP
7617 Christine A Taylor ..... 95 NP
76260 Ann Marie Adams ..... 00 • 503.408.8323
⊙ Marie Adams ..... 00 • 503.408.8323
7631 Eva D Sestric ..... 94 • NP
7632 ♣ Joan K Rinehart ..... + NP
76340 Laura H Bell ..... 94 NP
⊙ Richard L Bell ..... 94 NP
7641 ..... NP
7643 Joan K Rinehart ..... + 503.252.0762
Norman D Rinehart ..... + 503.252.0762
7644 Catherine B Whelan ..... 02 • NP
7703 Mary K Sturgill ..... + NP
7707 ..... NP
7712 Alice L Johnston ..... 93 • 503.251.9066
77330 Barbara M Kite ..... 94 • 503.254.8334
⊙ Richard M Kite ..... 94 • 503.254.8334
78060 David Tyron Mapes ..... 99 • 503.251.7624
78160 Lavon C Merriott ..... 50 • 503.255.7217
7824 Paul Paul Suttnen ..... 91 • 503.254.1660
7825 Mary P Hackstrom ..... 96 • 503.257.9137
Sharon Norine Backstrom .. 96 • 503.257.9137
7836 Harry P Dussin ..... 84 • 503.256.2333
Litsa H Dussin ..... 84 • 503.256.2333
79020 Frances L Butler ..... 73 • 503.254.7627
⊙ Thomas W Butler ..... 73 • 503.254.7627
7905 Scott D Harris 00 503.408.0170
7912 Jeffrey D Browne ..... 95 • 503.254.2351
Rebecca L Gibbons ..... 95 • 503.254.2551
★ Meteor Building Co 02 503.258.0102
7915 Ann Dee Cunningham ..... 96 • 503.252.9977
Dennis L Cunningham ..... 96 • 503.252.9977
79250 Michael J Kuhnhausen .... 96 • 503.251.8912
⊙ Susan Eleanor Kuhnhausen . 96 • 503.251.8912
7934 Guerllamo M Jimenez ..... + • NP
Hung Phuoc Jimenez ..... + • NP
7935 Joseph H Reidy ..... 94 • 503.256.7343
-SE 81ST AVE INTS
8005 ..... NP
8007 Olga Florez ..... + 503.256.4785
8008 Tami I Craig ..... + • NP
8012 Chau N Ly ..... 95 • 503.256.4063
Hung Phuoc Ly ..... 95 • 503.256.4063
8015 Wing Yan Lau 00 503.252.7865
8017 ..... NP
8019 Deborah Wallace 02 503.282.8444
8021 ..... NP
8023 ♣ Fenta Fitigu 02 503.493.8304
♣ Fenta Veyene 02 503.493.8304
8026 Tran L Hua ..... 01 • NP
Nen Hua ..... 01 • NP
8031 Antonio Reyes Reyes 03 503.255.1605
8032 Misty Keeton 03 503.254.6052
8033 ♣ Christopher Petersen ..... 94 NP
8035 ..... NP
8042 Lisa M Holmgreen ..... 03 • 503.284.2608
Adam D Kent ..... 03 • 503.284.2608
81040 Thomas Livingston ..... 02 • NP
⊙ Mike F Newell ..... 02 • NP
8135 Building
450 ★ ♣ Cascade Policy Institute 00 503.242.0900
▶▶ 8226 - 11918. 97216
-SE 84TH AVE INTS
8226 Darl F Jordon ..... 99 • 503.262.7501
Alvina Anna Renwick ..... 96 • 503.262.7501
8230 Louis Ann Pham ..... 96 • 503.262.7538
8236 Justino Garcia ..... 99 • 503.261.6883
8242 ♣ Justine L Thomas ..... + • NP
-SE 82ND AVE INTS
8314 A Mili ..... + 503.408.6970
8319 Yenlien T Le ..... + • NP
T Leyenllen ..... + • NP
Shane A Miller ..... 01 NP
Dennis Scott ..... + 503.408.0823
8321 Rick Dean 02 503.252.0859
8322 Margaret Bonner 03 503.408.1040
8323 Lela M Norellus 03 503.761.3641
8405 Jackie L Louie ..... 95 • NP
Loy H Louie ..... 95 • NP
8420 Sai Ling Ma ..... 97 • 503.252.6085

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CT - Census Tract $ASB,Etc. - Census Tract Home Value Rating ★ - Business Listing ⊙ - Duplicate Phone Number At This Business Address ◊ - No Mail Solicitation

SE BELMONT ST 2005

14265 Maria M Alvarez ... 87● NP
Ruben A Alvarez Sr ... 87● NP
14280 Karyn Deshane ... 01 503.466.9639
Michael R Deshane ... 01 503.466.9639
14285 Mike M Singh ... 85●503.645.7873
15 RESIDENCE 2 BUSINESS

● NE BELLEVUE AVE

CT 36.01 6402 - 6979 $E

▶▶ 6402 - 6979 97211

6402 Kathleen S Mallen ... 03● NP

-NE LENDRE ST INTS
6505 Lora Stephens ... 99●503.235.3058
6514 Ralph C Ford ... 91●503.288.9681

-NE DEAN ST INTS
6611 Patricia Diane Simmons ... 00●503.460.0973
Robert L Simmons ... 00●503.460.0973

-NE DEKUM ST INTS
6711 Curtis Rush ... 86●503.281.5152
Elsie L Rush ... 86●503.281.5152
6712 Jacquelyn Marie Battles ... 00● NP
Ralph L Battles ... 00● NP

-NE MADRONA ST INTS
6971◊ Diana Courvant ... 03●503.288.7636
◊ E Diana Courvant ... 03●503.288.7636
6979 C Relyea ... 02 503.772.3187
T Relyea ... 02 503.772.3187
13 RESIDENCE

● SW BELLFLOWER ST

CT 308.03 8577 - 9011 $C

▶▶ 8577 - 9011 97224

-SW MCINTOSH TER INTS
8577 David M Lutes ... 99● NP
Nadine A Lutes ... 99● NP
8578 Katrina Lynn Hammel ... 02●503.639.2271
8583 Barbara A Davis ... 98● NP
Scott W Davis ... 98● NP
8586 8592 ... NP
8599 Thanh T Tran ... +●503.620.9745
8641 Carol Elizabeth McCormick ... 98● NP
David P McCormick ... 98● NP
8646 James Alan Stiles ... 03●503.620.8719
Marla C Stiles ... 03●503.620.8719
8669◊ Karen M Maritan ... + NP
8690 Christie Schoppe ... 98●503.624.0563
8721 Myung Ok BAE ... 96●503.598.4524
Rev S BAE ... 96●503.598.4524
8730 Bryan J Cluff ... 04● NP
8785 David Raines Jr ... 00● NP
Donna W Raines ... 00● NP
8774★Campaign Reports Llc ... 04 503.624.9971
★Ct Strategies ... 04◊503.624.9971
◊ Kathleen A Curry ... 02●503.624.9971
◊ Kevin E Curry ... 02●503.624.9971
8789 Karen Andress ... 99●503.684.0587
Steven Craig Andress ... 99●503.684.0587
★Applewood Park Owners Assocs + 503.670.8111

-SW EMPIRE TER INTS
8813 Darla Jean Samuelson ... 98●503.684.1511
Richard David Samuelson II ... 98●503.684.1511
8822 Jeffrey D Underwood ... 01●503.684.9501
Kristin E Underwood ... 01●503.684.9501
8835 Cammy R Pelletier ... 00●503.968.5986
Philip Stanley Pelletier ... 00●503.968.5986
8844 Eric M Rice ... 98●503.639.7188
8866◊ Carlene L Merwin ... + 503.443.3798
◊ Robert D Merwin ... + 503.443.3798
8888 Brent Cameron Wilber ... 99● NP
Jennifer Lynn Wilber ... 99● NP
8915 Hung N Luu ... 99●503.684.3530
8920◊ Cindra F Conlee ... 96● NP
◊ Wayne Carl Conlee ... 96● NP
8921 Neal Noneman ... 01● NP
Mark A Noneman ... 01● NP
8932 Arunima A Ramchandran ... 99●503.443.2257
Dr Ashok Ramchandran ... 99●503.443.2257
8935◊ Angelique G Whitlow ... 96● NP
◊ Christopher A Whitlow ... 96● NP
8949 David A Phillips ... 97●503.670.0255
Lynne E Phillips ... 97●503.670.0255

-SW PARKLAND TER INTS
9010 Cristy M Ogden ... 00● NP
9011 TRA H Ha ... 99●503.670.8685
47 RESIDENCE 3 BUSINESS

● SE BELMONT ST

CT 11.01 511 - 1531 $B
CT 12.01 1604 - 2983 $B
CT 13.01 3001 - 3845 $C
CT 14.00 3905 - 4810 $C
CT 15.02 0 4225 - 6109 $B
CT 15.00 5024 - 5926 $B
CT 16.01 6040 - 6933 $C

▶▶ 511 - 4130.....97214

-SE GRAND AVE INTS
511 Building
★♣ Bolliger & Sons Inc. ... 82 503.232.9141
★♣ Healthwise Insurance Plan 03 503.788.5680
201★♣ Llc ... 97◊503.788.5680
522★Morristown Bridge Music Inc 82 503.231.9133
532
♣Laurie A Church ... 01 NP
♣Scott L Church ... 01 NP
203★Collins Mosaics Inc ... 97 503.236.5210
♣Skye Wolfe Macgregor ... 01 NP
201★The Wedding Bureau Inc . 04 503.235.9700
700★Exhaust Specialties & Brakes 93 503.233.5151
★Northwest Ind Mufflers Dealers 93◊503.233.5151
★RV & Truck Exhaust Systems 04◊503.233.5151
707★Corporate Environments of Oregon
96 503.236.3600
★Holdings Llc ... 98◊503.236.3600
810★ATI ... + 503.225.6512
★Shared Communications . 97◊503.225.6512

-SE 10TH AVE INTS
915★♣ Eds Mufflers Unlimited. 92 503.238.6223
935★Canadian American Brokerage 95 503.239.8052
★W G Sahlin Imports Inc .. 92 503.232.1883
1010♣ Michael R Linfoot ... 01 NP

-SE 13TH AVE INTS
1209★♣ Children First For Oregon 01 503.236.9754
1216★♣ Integral Counseling Institute + 503.233.6507
★♣ William C Berkshire Pc 03◊503.233.6507
1224 Apartments
5 Sean E Clough ... 00 NP
12 Edward A Kehn ... 95 503.236.2713
Wayne A Patterson ... 92 503.232.8434
7 C Schmidt ... 01 NP
7 C Smith ... 01 NP
10 Terry Snyder ... 00 503.232.5380
8 Richard Wilson ... 04 NP
1225
510 Haykel Acosta ... 02 NP
Mark Alvord ... 02 503.238.2107
220 Joseph Barnett ... 02 NP
508 Mike Bentley ... 04 503.235.3479
306 Axel Blondy ... + 503.233.3853
♣Floyd N Booker ... + 503.235.5127
212 Blanca Bosquez ... + 503.232.5160
212 Blanca Bosquez ... + 503.232.4237
205 David Boutwell ... 04 503.238.0453
323 Ted Brandon ... 00 NP
316 T Kevin Brown ... 02 NP
Peggy Budge ... 01 503.231.5013
326 James Bullard ... 01 503.233.2679
♣Janice Carl ... 02 NP
403 John Chaney ... 03 NP
214 James Christenson ... 03 503.234.6752
227 Barbara Clay ... 04 503.236.6979
204 James Cook ... 00 503.231.2765
219 Arthur Cranford ... 02 503.234.4250
♣M Croghan ... + 503.236.7811
503 Sele Damato ... + 503.234.7085
409 Matt Dempsay ... 02 503.234.5174
201 P J Dempsey ... 03 NP
228 Penny Ellett ... 01 503.239.6138
C Ginder ... 03 503.231.5637
K Ginder ... 03 503.231.5637
209 T Y Goddard ... + NP
♣Mary A Goolsby ... + 503.236.6343
215 Mary J Harmon ... + 503.233.3970
305 M Harris ... 01 503.238.2932
♣Gloria K James ... 01 NP
♣Stacy James ... 01 NP
304 Jim Kloppman ... 01 NP
202 Randall Lawhead ... + 503.232.4297
507 J O Lee ... + 503.234.7423
328 Myles Levert ... 02 NP
420 L Luster ... 02 NP
325 Wanda L Luttrell ... 03 NP
307 Lirin Lyon ... 03 503.230.9368
221 James McRae ... 01 503.238.5964
Anne Meussdorffer ... 02 503.238.2107
♣D Montgomery ... + 503.232.5419
329 Davika Montgomery ... 03 NP
308 Karen Perkins ... 04 503.235.8172
412 Sara Philbrook ... 03 NP
F Rawin ... + 503.236.3407
♣Roger N Rector ... 01 NP
213 Marvin A Reese ... 02 NP
213 Steve Reese ... 02 NP
♣T Reilly ... + 503.232.0610
404 Lateir Rhodes ... 02 503.235.5279
★♣Ritzdorf Apartment Tenant Service
+ 503.231.0585
309 Adam C Rolas ... 02 NP
407 Lori Santangelo ... 03 NP
22 Robert Seaman ... 00 NP
506 Telyana Sidlatskay ... 03 NP
229 Pamela Stancil ... 00 NP
302 Pam Torres ... 02 NP
502 Mary E Turner ... 02 503.236.8021
Terrell Walker ... 01 NP
216 Mike L Walling ... 95 503.236.2065
217 Edward Webber ... + 503.236.7822
311 Miriam Whitney ... 02 NP
416 Robert Whittington ... 04 503.232.5860
★♣ Wild Oats Natural Marketplace 03 503.236.8950
♣Jawil Wiles ... + 503.238.2422
411 Steven Wiley ... + 503.236.8042
♣C Wilkeson ... + 503.233.7056
315 Delores J Wirtanen ... 01 503.238.0847
305 Jessica Wiseley ... 01 503.236.2932
1232 Annie C Phyo ... 03● NP
Lacy L Schultz ... 98 NP
1305 Julie Ann Kidd ... 81● NP
1313♣ John F Palm ... 97● NP
1316 Mary A Richter ... 86●503.232.5305
1323 Frank Sigler ... 94 503.234.1110
Gerald Sigler ... 94 503.232.8082

-SE 15TH AVE INTS
1403★Belmont Home Video ... 93 503.233.8931
1405 Apartments
66 Katherine Marie Marcello ... 02 503.236.4751
65 Chris D Massey ... 99 NP
67 R Miles ... + NP
61 Alan T Moore ... 00 503.231.4119
1410
♣Shane D Ace ... 02 NP
306 Cory A Baird ... 01 503.232.7852
103 Andrew Bates ... 04 NP
101★Belmont Court Apartments 90 503.231.0954
101 Jessica Bramstedt ... 02 NP
303 Chris Crawford ... 97 NP
208 Kelli S Demery ... 01 NP
104 Glenn R Finley ... 00 NP
307 Liam Flanagan ... 03 NP
302 Christine V Foreman ... 03 NP
110 Matt Frank ... + NP
106 Robert Garcia ... 03 503.236.3942
312 Jeremy Garrard ... 04 503.233.3072
311 Paul Glacier ... 04 503.230.0846
♣Luscher Haas ... + 503.232.4110
★♣ Haas Courier ... + 503.232.4110
♣D Hayden ... 02 NP
309 Erin Howell ... 04 503.239.3979
109 Angela Ingram ... 99 NP
304 C Jessen ... 03 NP
203 James P Mackessy ... + NP
2 Shawna McCarroll ... 02 NP
202★Obvious Difference Body Pierci + 503.238.3917
202★Obvious Difference Body Prcng +◊503.238.3917
★♣ Recombobulator Solutions + 503.736.1038
501 Ryan N Rotum ... 00 NP
108 Matthew Rounds ... + NP
201 Michael Schaw ... + 503.233.4574
301 Regina A Shoepe ... 89 503.234.8539
107 Amy Smith ... + NP
209 Kenny Sparks ... 00 503.236.5581
206 A J Tong ... 03 503.239.8451
1422 Lisa Bullock ... + 503.230.0403
1435♣ Katheryn Shoultz ... 02 NP
1503 ... NP
1506 John Camahan ... 94 503.731.2955
Jody M Lawrence ... 94 503.731.2955
1517 Kim Stegeman ... 97 NP
1522 Elizabeth E Hunter ... 98 503.233.9216
1524 Nathan White ... 02 NP
1525 ... NP
1531
D Kelly D Johnson ... 98●503.235.4053
D Kelly D Johnson ... 98●503.235.5910
★Kelly Dedel Johnson Co. .. 03 503.235.4053
1604 Angela Schultz ... 03● NP
1611 Apartments
202 Kerris E Cockrell ... + 503.235.5667
103 John Dean ... 99 503.239.6048
Sarah Galligan ... 03 503.233.1482
♣Robert Gettle ... 02 NP
1 Bradley Jason Kahle ... 01 NP
102 Derek S Oldham ... 03 503.230.9841
302 Barbara Ann Pennington ... + NP
302 Joshua O Pennington ... + NP
204 Elizabeth Robinson ... 04 503.236.8556
301 Bradley E Smith ... 97 NP
301 Justin A Smith ... 97 NP
201 Trisha Torpey ... 97 503.239.8195
201 Michael O Torrey ... 97 503.239.8195
306 Joseph A Watrous ... 03 NP
206 Ross E Yocum ... 01 NP
1625 Stephen Thomson ... 03● NP
1626 Ashley Corbin ... 04 NP
1627 Roby Babcock ... + NP

-SE 16TH AVE INTS
1704 ... NP
1706 Aloha C Hodgson ... 94 503.230.8826
1710 Cecilia A Eng ... 87●503.232.1899
1716 Rose Eucker ... + 503.236.7832
1728 Melissa Ann Nicholson ... 00 NP
Paul R Powers ... 01 NP
Chris Williams ... 03 503.236.6573
Kristopher John Williams ... 03 503.236.6573
1734 Jessie Brown ... + 503.236.0568
Edward Jefery ... + NP
Fredrik Vanderlinde ... + 503.236.4502
1742★God Skateboards ... 03 503.288.1868
Carri Marschner ... + 503.232.8214
1808★Metropolitan Family Service 01 503.232.0007
1875★Land Pirate Media ... + 503.493.0887
★Nemo Llc ... 99 503.672.9631
★Nemo Llc ... 93 503.672.9633
★Pampelmoose Llc ... +◊503.493.0887
★Studio Nemo ... +◊503.672.9631
1919★Col Tab Inc ... 84 503.233.2248
★Revolution Publishing Inc . 91 503.233.2966

-SE 23RD AVE INTS
2003★Battery Exchange ... 90 503.232.6584
2019★Organics To You Llc ... + 503.236.6496
2025 Apartments
1 Andy Allison ... + 503.236.3950
♣Colin McClurken-Wolf ... 03 NP
4 Jessica D Newton ... + NP
3 Erika Prentice ... 03 NP
2 R Purnell ... + 503.235.3801
2034 Building
A★X Lab Llc ... 04 503.772.3553
2035★Belmont Chiropractic Clinic 03 503.234.0119
★Gerhart Gerry F DC ... 03◊503.234.0119
2038★Flux Salon ... + 503.230.9335
★Flux Salon ... + 503.963.9700
2051★Schoenfeld & Schoenfeld Pc 95 503.236.8170
2100★Marx Lusijan Psyd ... 03 503.238.5203
★Neal Wendy S Dd Nd ... 01◊503.238.5203
★Project Quest ... 91◊503.238.5203
2116 Paul A Bassett Jr ... 96● NP
2126 ... NP
2128 Drew Anderson ... + 503.232.7686
2138 ... NP
2139★Tice Electric Co ... 89 503.233.8801
2140★Gerald F Opsahl Chiropractic + 503.236.2989
2146 Dennis K Ingold ... 01 NP

-SE 20TH AVE INTS
2208 Amy Palazzolo ... 01 NP
2210 Rhett Butler ... 04 503.234.4588
Matthew Quinn ... 04 503.234.4588
2212 Apartments
1 Christopher Rousseau ... + 971.230.0456
1 Elizabeth Rousseau ... + 971.230.0456
Robin D Scott Jr ... 86● NP
2214 ... NP
2222 Aaron Miller ... + 503.236.6866
2236★Salvador Moilys ... 03 503.297.9635
★Soiree ... 89 503.230.9311
2239 Rosalie H Huss ... 89●503.231.9716
Rev Walter L Huss ... 89●503.231.9716
2304★La Calaca Comelona ... 01 503.239.9675
2309★Monsoon Investments Llc . 03 503.238.8766
★Pad Thai Kitchen Br ... 92◊503.232.8766
★Soba Express ... 90◊503.232.8766
2327 John L Sacharkiw ... 79●503.239.4832
2331 Jennifer Hall ... + 503.230.2394
2336 M Rencz ... + 503.232.3751
S Rencz ... + 503.232.3751
2339 Deborah Bacigalupi ... 02 503.231.4718
Kate Walker ... 02 503.231.4718
2344 Khamsouxine T Babphavong . 99● NP

-SE 25TH AVE INTS
2402★Twelfth Fret ... 86 503.231.1912
24040 Misti R Ornstad ... 03 503.245.4195
2411★Carnivorous / Herbivorous Inc 95 503.232.4458
★Wild Abandon ... 95◊503.232.4458
2412 Apartments
C Jason M Dulin ... 97 503.236.3180
Robert Gobal ... 02 NP
A M Okada ... 02 503.231.3421
2423 Denise Loraine Wlvisaker ... 92●503.236.0676
Eric Wlvisaker ... 92●503.236.0676
2431 ... NP
2434 Amai Hart ... + NP
2435 Elizabeth A King ... 91●503.232.8486
Paul W King ... 91●503.232.8486
2440 Emily L Hanson ... 03 503.236.2315
2442 ... NP
24450 Elizabeth Robillard ... 03●503.236.4987
◊ Greg C Robillard ... 03●503.236.4987
2450★Neil Jackson & Partners Pc 93 503.231.3411
2452
2 ◊ Marie P Bellavia ... + NP
1 Siobhan C Forde ... + NP
22452SE★Pelo Salon ... 03 503.235.7955

-SE 26TH AVE INTS
2502★Aaa Audio Visual Lab ... 93 503.234.3689
★Accurate Appraisal Service 93◊503.234.3689
★Old English Motors ... 98◊503.234.3689
★Rivertown Realtors ... 93◊503.234.3689
2508 Billie J Shank ... + NP
2510 Apartments
R Dalgleish ... + 503.235.6054
A Sabrina L Vanhouten ... 99 503.236.7515
2511★Meteor ... 02 503.231.0220
★Meteor Llc ... + 503.238.7625
2512 Lyndsay Krebs ... + NP
2518 Reymond S Thornton ... 97● NP
2519★Eight To One Store ... 89 503.235.6114
2520 ... NP
2522 Collin Hulbert ... 03 NP
2524 ... NP
2526 Dina K Stegner ... 03● NP
2527 Hyang S Wall ... + NP
Samantha J Wall ... + NP
2534★Bangkok Kitchen ... 89 503.236.7349
2535★Belmont Computers ... 00 503.236.5364
★MK West Llc ... + 503.790.2270

-SE 27TH AVE INTS
2600★Delta Clinic General Health Inc
98 503.684.8159
★General Health Inc. ... + 503.239.6935
2622★Hanigans Tavern ... 86 503.233.7851
2626 ... NP
2637★Specialty Flooring & Tile Inc 88 503.232.0083
2701★Sonic Recollections Inc. .. 92 503.236.3050
2702 ... NP
2703★Tiger Lilly Wellness ... 03 503.232.6323
2706 ... NP
2707★Hollyhocks Garden Essentials 00 503.872.8672
2708 H Kaplan ... 02 NP
Brad Kuns ... 02 NP
2710♣ Joe Kottum ... + 503.234.2648
2712 Carolyn A Yost ... 94 503.234.5811
Peter C Yost Jr ... 94 503.234.5611
2714 Julie Trisel ... 01 NP
2716 Aaron Flock Baca ... 01 NP
Orio Aaron Baca ... 01 NP
2718 Teresa Ward ... + 503.232.1575
2720 ... NP
2722 David N Yadon ... 01 503.231.5796
2724 Richard D Jesso ... 99 NP
2731★Washworld ... 02 503.236.8927
2732 Brian Powers ... + 503.234.2975

-SE 28TH AVE INTS
2801 2808 ... NP
2822 Apartments
Gregory Deane ... 03● NP
2 Roberta Elaine Kent ... 98 NP
Jennifer R Mohaupt-Mayers . + ● NP
2829 Apartments
203♣ C Azbill ... + 503.232.3639
♣Erik J Benke ... 02 NP
209 Dena C Decastro ... + NP
307 Sirena G Duran ... 00 NP
203♣ Travis Gall ... + 503.232.3539
202 Seth Gibson ... 03 503.236.8873
207 Ron Harman ... 00 503.736.9995
♣S Helin ... 02 NP
105 Jessie R Hubbel ... 93 503.231.5726
105 Marion Hubbel ... 93 503.231.5726
305 Portia Jeffries ... + NP
201 Katherine Johnson ... 01 NP
♣Andrea Kulish ... 04 NP
103 Karen Lodine ... + 503.233.8595
104 William Mathews ... 03 NP
206 Nicol J Mayer ... 00 503.231.6571
206 William John Meyer ... 00 503.231.6571
110 Noah Mock ... + 503.234.3714
Celeste L Olivares ... 02 503.233.8783
106 Bina M Patel ... + 503.236.6013
♣Matthew Pfilger ... 03 NP
309 Cecilia Phillips ... 03 NP
♣Kimberley Pursell ... 04 503.234.4652
303 Chris Short ... 99 503.236.6760
♣Janet Stebenow ... + 503.236.3257
310 Christopher Wallace ... 04 NP
309 Ted Weisener ... 03 NP
301◊♣ Carol Ann Welton ... 03 NP
301◊♣ David Victor Welton ... 03 NP
304 Andy Younger ... + 503.235.5850
2832★Favorite Links ... + 503.238.1484
★Genoa Restaurant ... 77◊503.238.1464

-SE 30TH AVE INTS
2900★Claras Limousine Service . 03 503.234.3484
★Claras Wedding Establishment Ltd
94◊503.234.3484
★Polliwog ... + 503.234.4581
2903 Jack H Loule ... 97● NP
2904 Apartments
14 Matthew A Buchanan ... + NP
12 Kaleb J Cartwright ... 95 NP
15 Keith Coffman ... + 503.233.3656
9 Troy French ... + 503.230.2095
6 Maureen J Gullett ... 00 NP
10 A James ... 98 NP
7 Christopher Martuza ... + 503.236.4118
1 R McCoy ... + 503.232.4253
2 Matt Moore ... + 503.233.1997
♣Leif Peterson ... 04 503.238.3793
17 I Rodgers ... 01 NP
♣Leutwyler Ross ... 04 NP
14 Leslie Ann Spencer ... + NP
3 Michel West ... 99 NP
2909 ... NP
2912 Daniel M Mills ... 93 NP
2914 Charles W Oram ... 01 NP
2915★Lotto & Beverage Brokers. 00 503.238.0794
2918 ... NP
2925 Sheila B Baraga ... + ● NP
2935 Apartments
4 Sarah A Boughal ... 03 503.232.5017
1 Mekanani S Jaggers ... 02 NP
5 Rodrick B Meyer ... 00 503.230.9829
5 Melanie Sanderson ... 00 503.230.9829
2983★Plaid Pantries ... + 503.235.3037

-SE 31ST AVE INTS
3001 Apartments
Duane S Bletz ... 02● NP
C Tony Roh ... + 503.233.4254
3003 ... NP
3005 Gregory Ferdette ... 04 NP
3007★Real ... 03 503.230.1070
★Real ... 03 503.246.8961
★Real A Natural Nail Boutique 03◊503.230.1070
3010★Pace Credit Union ... 90 503.234.9851
★Portland Area Employees CU 90◊503.234.9851
3011 ... NP
3013 R Rojas ... + 503.239.7013
3015 3017 ... NP
3021 Kim R Brekke ... 03 NP
Penny Brekke ... 03 NP
3023 Chaikh Camara ... + 503.235.3257
Raven Camara ... + 503.235.3257
3027 Daniel A Lappin ... 00●503.239.5104
3035 Megan Price ... 03 NP
3037 Karen Fischer ... 03 503.239.7407
Dave McClelland ... 03 503.239.7407
3043 Matt J Sullivan ... 00● NP
3051 Apartments
♣Brian J Oconnell ... + ● NP
♣Carla K Oconnell ... + ● NP
4 Lamson To ... 03 503.235.5983
3104★Golden Jade Restaurant .. 95 503.232.9844
3111 Apartments
4♣ Laura L Daggett ... + NP
4♣ Michael John Daggett ... + NP
♣Matthew Doran ... + 503.232.5863

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CT	12.01	1605 - 2955		$B
CT	208.00	1928 - 3426		$C
CT	13.01	3303 - 3829		$C
CT	211.00	3735 - 4646		$D
CT	14.00	4101 - 4272		$C
CT	18.02	4305 - 5723		$B
CT	16.01	7404 - 8039		$C
CT	16.02	8206 - 9346		$E
CT	82.01	9710 - 10156		$D
CT	82.02	10201 - 11843		$E
CT	92.01	13025 - 13333		$E
CT	97.02	16629 - 17838		$E
▶▶		88- 4132	97214	
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88★Vaughan Brothers Inc ... 00 503.233.1771
107
★♣ Artisan Metalworks Inc + 503.797.1959
★♣ Artistforhire 02 503.542.2033
★♣ Atlantis Van Lines Inc . 03 503.235.6995
★♣ B & O Commerce Center 94 503.232.4181
★♣ Bolt Bikes 02 503.235.2658
213B Ellen B Brown ..... 02 NP
★♣ Cogo North West ..... + 503.234.0765
★♣ Econo Products Inc ... 87 503.921.6533
★♣ Fawcet Graphics Equipment Inc 03 503.244.1456
★♣ Four Corners..... 00 503.249.2830
★♣ Full Court Press 03 503.236.7709
★♣Ghilarducci Furniture & Fabrication
95 503.239.7637
★♣ Great Recipes Co Inc .. 00 503.590.1108
★♣ Henry Architecture.... 03 503.231.8467
213 Benjamin J Kaiser..... + NP
★♣ KGA..... 93 503.233.7909
★♣Lando and Assocs Landscape Architect
02 503.233.6600
★♣ Martin Corey..... + 503.238.6210
★♣ Mr Frenchs Coffee Kitchen + 503.827.4480
★♣ North Pacific Millwork Inc + 503.650.7732
★♣ Pappa GS Inc 99 503.289.3845
B4★Queen Bee Creations 95 503.232.1755
★♣ Robert Vanderwerf.... 94 503.223.9010
★♣ Savory Pye Pete Co / Christie + 503.421.6942
★♣ The B & O Llc ..... 99⊙503.232.4181
★♣ Total Work of Art Inc .. 95 503.232.7554
★♣ Verilan Inc 03 503.224.8822
213★Videominds 03 503.232.1018
B5★Vin DE Garde Wines Ltd .. 99⊙503.238.6210
211-B★Zarosinski Engineering & Dsgn 04 503.233.0947
110★Asphalt Products Llc .... + 503.521.8689
★Dealers Supply Co 03 503.236.1195
216★Apollo Pet Supply..... 79 503.239.5768
★Exotic Products Inc 86 503.239.5770
302★Gyros Gyros 96 503.235.6195
307★Portland Paper & Supply . 91 503.235.2355
777★H H Auto Sales 97 503.236.6989
815 Apartments
202 Derek Armbrust..... + NP
225 Alan Balsom..... 92 503.239.0635
114 Dean L Brooks ..... 01 NP
222 Kevin Clark..... 03 NP
117 Jennifer Ann Delage ..... + NP
117 Stephen Paul Delage..... + NP
Dana Ellis..... 98 503.239.0719
Wes Ellis..... 98 503.239.0719
♣Blu J Estes..... + 503.231.2457
221 Melinda Frietas ..... + 503.236.3872
215⊙ Christian M Goodnight.... 01 503.236.7698
♣Shannon Griffin..... 04 503.239.9899
207 Elizabeth Coleen Harding... 03 503.232.7301
♣Michael Knosp ..... 02 NP
227 Stan Koltsch..... 02 503.235.7298
211 Alan J Krause..... 96 503.239.0426
110 Brian K Lee..... 92 503.232.5523
110 Tak Lee..... 92 503.232.5523
♣J Linch..... + 503.234.4431
♣Ron Liquory ..... 01 NP
218 Whitney Lynn ..... 01 NP
220 Suzanne N Martin ..... + NP
206 Sarah McGovern 02 503.239.0644
109 Kelly G McGriff..... 01 503.233.5224
Chris A Phillips..... 03 503.234.6033
105 Ray W Powell 89 503.235.5117
217 Gregory D Ren..... + NP
108⊙ Sara G Robbin..... 03 503.234.5021
♣Shane Thompson..... 01 NP
124 Stephen E Tyler..... 97 503.234.9135
Clayton Weldron ..... 03 NP
202 Frank Yenney ..... + NP
1005★Balcom Construction .... + 503.234.0418
★Market Driven Automotive Group Inc
+ 503.236.7959
★Willamette Funding Llc .. + 503.239.8609
1034 Apartments
5 Katy S Pearson..... 01 503.239.5334
1035 Brian J Opett ..... 00 NP
1037 ..... NP
1605 Apartments
UPPR Diana L Bennett ..... 94●503.238.7159
UPPR Thomas L Champion..... 94●503.238.7159
Robert C Hickman..... 03● NP
1821★Twelve Plex 03 503.238.4472
Chris Walsh..... +● NP
1623 Joseph P Leineweber ..... +●503.235.0949
1625 Ira Forietter..... +● NP
1627 Holly K Fahey ..... +● NP
1631 ..... NP
1633 Celia Elder ..... +● NP
1635 Lesann Ann Gauthier..... +●503.235.7964
1637⊙ Kiran S Limaye..... +● NP
1641 Andrew G Keough..... +● NP
1643 Leslie Fuller..... +● NP
Timothy Fuller..... +● NP
1645 ..... NP
1647⊙ ♣Brian Webber..... + NP

SE 19TH AVE INTS

1803
1★Harmony Living Ctr ..... + 503.236.7224
1⊙ Karan Johanson..... 03 NP
J Kuehnle..... + 503.236.7224
Hyung Nam..... 02●503.231.8165
Kim Sturts..... 03 503.230.8199
1817 Robert Chong Ding ..... 03●503.236.1531
1823⊙ Rose Lai..... 64● NP
1829 ..... NP
1904 Ernest Edward Lyle ..... 85●503.235.9275
Suzanne Windy Lyle ..... 85●503.235.9275
1906 J Blankenship..... 02 NP
1916 Greg Birnbaum..... + NP
1918 Ching Li..... 91●503.872.8682
1919 Patrick E McDonald..... 97 503.236.7567
1922 Jeancy Mulefu-Kalubuka..... 00 503.232.8091
1926 Serena J Adams..... 94 503.235.8154
Jan A Jerde..... 94 503.235.8154
1927★Affordable Typing Service . 93 503.235.5054
★Bitssful Birth & Beyond ..02⊙503.235.5054
⊙ Stephen T McCrea..... 88●503.236.7564
1928★♣ Seams Right Inc..... 99 503.653.8800
1935★Business Men Service Co . 01 503.233.6314
★Central Billing Bureau Inc . 86 503.654.0582
5 Lycinda Giese..... 02 NP
★Metro Area Collection Service Inc
96 503.653.2900
3 Nick H Shiroma..... 02 503.238.5726
2 Timothy P Soucy..... 00 503.235.5718

SE MAIN ST INTS

2025★Dr Rick A Wart Dentist.... 02 503.654.2101
2035★About You..... 01 503.722.4077
★Kathy Lyles Place..... 03 503.652.2001
2036★Bernards Garage Inc 86 503.659.7722
2045★Extreme Bikes & Repair... 03 503.654.2453

SE 21ST AVE INTS

2105★City Grill 03 503.652.1507

SE 23RD AVE INTS

2206★Business Learning Center . 86 503.653.7108
2236
★Bachhuber DMD Thomas E 87 503.654.6529
C★Dr Gareth Tabor MD PHD .. 88 503.636.9608
C★Gareth A Tabor MD. 03 503.659.6710
★Milwaukie Family Dental Clinic 93⊙503.654.6529
Sue C Walker 92 503.659.2522
Dr Wally Wallace Walker 92 503.659.2522

SE 25TH AVE INTS

2305
★♣ De Stoppelaar Marian DMD Pc 04 503.786.6895
109★Dr Howard J Anderson MD 03 503.659.9103
★♣ Fish Window Cleaning .. 02 503.786.7001
♣Judith Lindsey 04 503.657.1255
★♣ Meridian Chiropractic .. 03 503.794.7104
♣Richi I Pena..... 96 503.653.9454
105★Summit Medical Group Llc 03 503.657.1255
2306★Eye Clinic of Milwaukie... 86 503.654.3212
★Froland Lawrence A OD...03⊙503.654.3212
2604 Laura M Freeman..... 98●503.233.6391
2614 Barry R Dillman Jr..... + 503.233.1792
2622 Mark Stonseller ..... 97●503.294.2041
2626 Ann V Hupp ..... 83●503.654.2511
Bill E Hupp Sr..... 83●503.654.2511
Lorna L Jensen..... 93●503.232.9053
2636 Elmer C Renz ..... 77●503.654.6153
Jeffrey Mark Renz..... 77●503.654.6153
2704⊙ Ruth A Aquino ..... 95●503.239.7077
⊙ M McAdams..... 95●503.239.7077
2705 Lisa R Barnhart..... 97 NP
2709 ..... NP
2713 Jason Devine 01 503.235.6497
2716 Robert Metteer ..... 97 NP
2717 Joseph A Russo Jr..... + NP
Susan M Russo..... + NP

SE 27TH AVE INTS

2720 ..... NP
2725 Michael Alexander ..... + 503.786.3489
2746 Lynn Della 02 503.654.4646
John A Stockert 02 503.654.4646
2755 Barbara J Elsworth ..... 94●503.652.1531
Brendan Eugene Elsworth ... 94●503.652.1531

SE 29TH AVE INTS

2800⊙ Andrea P McCarthy..... 95●503.659.1684
⊙ William H McCarthy MD.... 95●503.659.1684
2809 Apartments
4 E Cannon..... 03 NP
6⊙ Gary H Diamond..... 99 503.233.2346
6⊙ Red Diamond..... 99 503.233.2346
♣Peter Dvorak..... 04 503.235.8759
3 Patrick J Franks ..... 02 NP
♣Jeffrey Helkes..... 02 NP
8 Amy Powell 04 503.236.6059
♣Jason B Price..... 00 NP
2823 Addie Benfield ..... + 503.230.1941
2825 Iris E Johnson..... 77●503.659.4344
2935 ..... NP
2836 Joan Rivelli..... 91●503.659.7061
Mildred R Rivelli ..... 91●503.659.7061
2902 Michael D Drusky ..... 99●503.654.2773
Pat Emily Drusky..... 99●503.654.2773
2904⊙ Melissa K Elliott 99 503.236.0338
2905 ..... NP
♣Jason T Pearson..... 03 NP
2906 Nelson Sanjuan..... 03 503.232.7059
2907⊙ Robert L Ping ..... + 503.236.4717
2908 ..... NP
2909 Edward H Dubois 94 503.236.4335
2912 ..... NP
2913 Chad Bennett 99 503.239.1501
Fred D Heath 99 503.239.1501
2916 Gregory M Carlson ..... 01●503.513.4483
2921 Stanley Louie ..... 97● NP
2923 Julian Nidro ..... 01● NP
2925 Christie Skolasinski..... 93● NP
Gerald Skolasinski..... 93● NP
2926 ..... NP
Harmony Stearns ..... + 503.230.9840
2927 ..... NP
2929 Brent Lee Donaldson..... 04 NP
2933 George Herrera..... + 503.233.0401
2935 Jennifer Lisa Ganis ..... 01 NP
Mark D Ganis..... 01 NP
♣Nishan D Hov..... 97● NP
2936★Cafe 700..... + 503.232.9089
2937 Jose Leyva..... 01 503.232.8209
2940 ..... NP
2942 Jon Lowry..... + 503.236.6885
2944 Aneta Flynn ..... + 503.239.5349
2945 Kyoko Uchida 03 503.231.5184
2949 ..... NP
2953 Kai Chuan Situ ..... + 503.234.4609
2955 M Berteman..... + 503.236.4593

SE PENZANCE ST INTS

3005 Gregory Scott Shatto..... 00● NP
3006 Katherine M Bolin..... 74●503.659.8509
3025♣ Jeff Kirchem..... 02 NP
3045 Kathleen Claire Zinsli..... 84● NP
Lawrence Edmond Zinsli .... 84● NP
3055 Nancy Ann Vonstoutenburg .. 91●503.786.9506

SE OAK ST INTS

3105⊙ John P Dutra ..... 89●503.786.0851
⊙ Sondra R Dutra..... 89●503.786.0851
3115 Dawn N Abbe ..... 98●503.653.1151
Gerald S Abbe ..... 96●503.653.1151
3126 Paul Donald Church ..... 77●503.654.1821
Sharryl Mable Church ..... 77●503.654.8985
★Paul Church Enterprise ... 86 503.654.1821
3135★Alfonzo Navarrete ..... + 503.513.0184
Alfonso Navarrete Mendez... 03●503.513.0184
Alfonsonav Mendez..... 03●503.513.0184
3195♣ Russell Dickson ..... 02 NP
3303 Emily Quaempts..... 02 NP
Amy Quaempts-English..... 02 NP
3305 ..... NP

SE 33RD AVE INTS

3316 Patricia G Martin..... 97● NP
3317 Robert Charles Pace..... 93● NP
3324 Romaine M Rupp ..... 01●503.239.5047
3330 Jr Enke 90 503.236.1760
Robert A Enke Jr 90 503.236.1760
3331 Jeanette Lois Oberfoell ..... 50●503.236.9728
3335 Julianne J Frank..... 94● NP
Heather Christina Stevens.. 94● NP
3336⊙ Clinton L Tyler ..... 98● NP
⊙ Phyllis Gaye Tyler ..... 98● NP
3345⊙ BJ Brande 81 503.233.1423
3348 Thalia M Stewart 03 503.736.3349
3355 3359..... NP
3404⊙ Kevin G McGillivray..... + ●503.236.1599
⊙ Laurie S Watson..... + ●503.236.1599
3406 Amy Bradley..... 01 503.659.3172
3416 Russell B Craig..... 82●503.234.1986
Tim Craig..... 82●503.234.1986
3423 CODA E Schile ..... 93● NP
Steven M Schile ..... 93● NP
3426 Carlos S Loera ..... 93● NP
Graciela Loera ..... 93● NP
3437 ..... NP
3447 William McDonald..... + 503.239.3976
Melissa Scott..... + 503.239.3976
3448 ..... NP

SE 35TH AVE INTS

3506 Peter Davio 03 503.230.2606
Josh Hailey 03 503.233.7451
William Kwitman..... 02● NP
3515
3A M Burtner ..... 01 NP
4 Anthony D Mansolino 92 503.233.0887
♣R Skar..... 02 503.236.7217
Macelyn Spain..... + 503.236.2166
★♣ Tibetan Prayer Flags... + 503.445.9470
3516 M Allyndreth Stead..... +● NP
3525 Elizabeth Martin 03 503.236.2771
Rachel Martin..... 03 503.236.2771
3528 Linda Jenkins..... 97●503.233.8996
Mark Richard Jenkins..... 97●503.233.8996
3529 Myrlin A Hermes..... 02 503.233.2159
3533 ..... NP
3534 Joann Ann Sowers ..... 00●503.235.9163
3543 Irene Lee..... 99● NP
3544 Apartments
6 Maria Bauman 01 503.736.0184
1 Scott A Birch ..... 02 NP
2 Joel Burrows 03 503.233.0223
3 Matt Hindes..... + NP
♣Anabel Ramirez ..... + 503.236.8814
5 Carole K Scott ..... + NP
3 Eric V Sears..... + NP
3552 F N Bergen..... 00●503.736.0159
Teresa L Bergen..... 00●503.736.0159
3555
UPPR Vincent W Kennedy..... 04 503.226.8082
LOWR ⊙ Holiye E Maxwell..... 03 503.238.5482
355★Maxwell Studios Llc 03 503.238.5482

SE 37TH AVE INTS

3603
★David Ross Software..... + 503.281.3794
2 Michael Martin..... 02 NP
Shirley Ragusa..... 02 NP
Laura Ramsey..... 04 503.236.7368
David Ross..... + 503.281.3794
3608♣ Jennifer Bartosh..... + NP
3611 Heidi F Greenwald ..... + NP
Robert Greenwald..... + NP
3619 Bill Maletta..... 94 503.236.1298
3620⊙ Jessica A Guadagna..... 04● NP
⊙ Mark John Guadagna..... 04● NP
3627 Marianna I Rear ..... 96● NP
3628⊙ Ward C Beuer..... 64 503.232.9801
3632 Jesse B Bentz ..... 02●503.232.3103
3633 Laurie Ann Relling ..... 03●503.281.8446
Ted L Sams ..... 03●503.281.8446
3640 George A Anadiotis..... 00● NP
3643 Sharon M Harrington..... 93● NP
Troy Harrington..... 93● NP
3651 Norma J Weiss..... 90●503.236.1059
Vern L Weiss ..... 90●503.236.1059
3704 Teddy L Foster ..... 95● NP
3708⊙ Craig B Binzer..... 01●503.238.4342
⊙ Natalie G Binzer..... 01●503.238.4342
3716 Dorcia Elaine Krause..... 96● NP
3717 Paul O Levy 98 503.234.6480
3723 Judy G Sanders ..... 94● NP
Frank W Shields..... 94● NP
3724 Thomas W Gustav ..... 76●503.234.4415
3729 Amanda Krafft ..... + 503.232.8881
Leah Krafft..... + 503.232.8881
3731♣ Sally A Dick..... 93 503.238.7311
3733 Emily J Altschiller..... NP
3735 Heather L Adamson..... 02●503.513.0537
3739 Benjamin Smith 02 503.274.0189
Ruby L Smith..... 02 503.274.0189
3740⊙ John F Meckel ..... 50●503.236.1486
★Meckel John ..... + 503.236.1486
★Oracle Woodworking.... 83⊙503.235.1486
⊙ Barbara Jean Traver..... 50●503.236.1486
3746⊙ Jeffrey L Burgess..... 98● NP
⊙ Alvina E Chapman..... 97● NP
3747 Kathleen J Hansa..... 94● NP
3811 Larry A Raney..... 98●503.513.9680
3816⊙ Michelle Holtz..... 99●503.353.0702
⊙ Thomas Matthew Holtz..... 99●503.353.0702
3817 Dorothy A Starr..... 68●503.232.1810
3819 Megan D Ghormley..... 03 NP
James J Howard..... 99●503.786.5166
Stacy L Howard..... 99●503.786.5166
★Ihcom..... + 503.231.0787
3823 John R Vanvoorhies ..... 03● NP
3825 Susan Dorn..... +● NP
3826 Bertha M Kirk..... 94●503.653.0183
Roy Frank Kirk Jr ..... 94●503.653.0183
3829⊙ William G Schulz..... 02●503.238.1636
★Schulz Porcelain Manufacturing 00 503.238.1638
3836 Pauline A Nelson 88 503.653.6431
3897⊙ Carol L Lyons..... 98●503.513.4904
⊙ Rev Justin Clyde Lyons..... 98●503.513.4904

SE 37TH AVE INTS

3900 Ardice N Stransky..... 64●503.513.9021
3901 Jackie S Dickinson ..... + NP
Stephanie K Dickinson..... + NP
3920 Heidi H Tate ..... +●503.652.3791
Wayne Tate ..... +●503.652.3791
3930 Bernece D Vickerman ..... 87● NP
4001 Thomas J Chipps..... +●971.233.0047
Lindsey R Hikade..... +●971.233.0047
4006 Bonita M Rand..... 72●503.653.0613
Stephen W Rand ..... 72●503.653.0613
4025 Beverly S Garmire ..... 87●503.654.6174
Leonard D Garmire..... 87●503.654.6174
4026 Patti Elizabeth Dryden..... 97● NP
4036 Dielra L Maust ..... 00●503.353.0119
Torrey Dexter Maust..... 00●503.353.0119
4045★Dons Enterprises..... 91 503.654.2700
Don Eugene Durland..... 75●503.654.2700
Velita E Durland..... 75●503.654.2700
4050 Jose Luis Cruz..... 01● NP
Sara D Cruz..... 01● NP
4055 Amy Diane Brady ..... 03●503.659.5918
4056 Christine Smith ..... 01 NP
Jessica Walker..... + NP
Dawn Welten..... + NP
4077 Michael A Fenwick..... 03● NP
4084⊙ Gregory James Woflindin ... 96●503.786.9509

SE 41ST AVE INTS

4101⊙ Cecelia Strander..... 99●503.235.5680
⊙ Heidi Lynn Strander ..... 99●503.235.5680
4102⊙ Joe C Carter 50 503.234.3595
4107⊙ ♣Susan M Nicks 98 503.236.1751
4115 M Chaffee..... 96●503.231.8919
Mary Shannon Morris..... 96●503.231.8919
Frances G Rogers..... 02 NP
4116 Robert L Fisher ..... 02●503.786.7879
4125 Christopher M Mason ..... 03● NP
4126 Kevin Stimson..... 03 NP
4127 Rowland C Horst ..... 91●503.659.9273
4132 George Burkharts-Meier .... 02 NP
4134 Jason M Loomis..... + 503.788.3964
Katie Loomis..... + 503.788.3964
4136 John Robert Stewart..... 04 503.669.1433
Kathleen Marie Stewart..... 04 503.669.1433
4138 Emily Newman..... + 503.788.3853
Jonathan Newman..... + 503.786.3853
4139 4140..... NP

SE 42ND AVE INTS

4204 ..... NP

SE 42ND AVE INTS

4205 Beverly Garmire ..... + NP
4208 Jennifer A Harth..... 92●503.786.8943
Jim J Harth ..... 92●503.786.8943
4212 Gretchen Autier ..... 03 NP
Jan M Davidson..... +●503.653.6842
Michelle Davidson..... +●503.653.6842
4215 Frank E Watkins III..... 86● NP
Michael J Watkins..... 86● NP
4221 Ariel M Camm..... +● NP
4224 Corbin Supak..... 02 503.736.4696
4225 Jacqueline M Maude..... 96●503.353.1826
Robert Maude..... 96●503.353.1826
4233 4234..... NP
4235 Esther J Matlock..... 93● NP
4236⊙ Debra J Grant..... 01●503.654.5297
⊙ Robert L Grant..... 01●503.654.5297
4241⊙ Craig W Gomes..... 00● NP
⊙ Molly G Wallace..... 00● NP
4242 Trevor Brendan Ault..... + NP
★Meridian Northwest Llc... + 503.653.6288
4245 Nancy Christine Perkins .... 96●503.788.3533
4246 ..... NP
4253 Jayne H Burch..... 03●503.236.0493
Martin Eugene Burch..... 03●503.236.0493
★Take 15 ..... + 503.236.0493
4254⊙ ♣Anne Sandoval..... 04 NP
⊙ ♣Torin Sandoval..... 04 NP
4258 Clinton B Weller..... +● NP
4272 Donald M McAllister..... 94● NP
Patricia A McAllister..... 94● NP
4305 Douglas James Finch..... 94●503.513.9580
Jean Marie Finch..... 94●503.513.9580

SE 45TH AVE INTS

Allen S Lee..... 82●503.236.1402
Teresa T Lee..... 82●503.236.1402
4306 ..... NP
..... NP
4315 Liza M Arquit..... +● NP
4316 Jake D Foster..... 02 NP
Kara L Foster..... 02 NP
⊙ O F Masson..... 50●503.235.1867
⊙ Nell A Masson..... 50●503.235.1867
4317 Philip Loyd Bransford Jr .... 98●503.736.1160
Kristin M Teigen..... 98●503.736.1160
4325 James Brooks Bowling..... 96● NP
Jean Estelle Bowling..... 96● NP
4326 F Osilla..... 97●503.234.7917
Jess F Osilla..... 97●503.234.7917
⊙ Bonny Jean Wasley..... 93● NP
⊙ Clifford J Wasley Jr..... 93● NP
4327 Christine Paul..... 03● NP
Kathe L Swaback..... 03● NP
4329 Tobias Grazini..... 94●503.235.8155
Michael Lee Mathison..... 94●503.235.8155
4334 Holly K Jarvis..... 93●503.236.4363

SE 43RD AVE INTS

4405⊙ Cecil G Harrell..... 00 503.234.9292
⊙ Frances G Harrell..... 00 503.234.9292
4410 Linda L Manzmaker..... 96●503.235.0951
4411 Kevin Scott Crabtree..... 96●503.232.0873
Leigh M Crabtree..... 96●503.232.0873
Michael K Inman..... 85●503.659.3952
Ruby Jane Inman..... 85●503.659.3952
4412⊙ Karen A Levine..... 97●503.654.4952
4419 ..... NP
♣Karla Wasel..... 03 NP
4421 Jessica F Kreutter..... 00 503.233.2360
4443 Edie D Weisenbach..... 01●503.659.8772
Jeffrey Lynn Weisenbach .... 01●503.659.8772
4444 Judith M Puhlman..... 99 503.653.7101
4477 April M Hale..... +● NP
4488 Gary D Salyers..... 76●503.654.9763
Jean Ann Salyers..... 76●503.654.9763

SE GARRETT DR INTS

4525 Diane Louise Pettus..... 96●503.653.0882
Rick Lee Pettus..... 96●503.653.0882
4526 C B Davis..... +● NP
4535 Cheri McBean..... +● NP
4536 Miriade A Maxwell..... 93●503.653.5141
4545 Angela P Aguon..... 01● NP
Anthony L Aguon..... 01● NP
4546 Bruce C Wirkkala..... 94●503.659.9295
Leena K Wirkkala..... 94●503.659.9295

SE 47TH AVE INTS

4606 Gail R Pariseau..... 03● NP
4615 Andrea K Dreyer..... 98● NP
Joshua E Dreyer..... 98● NP
4625 Linsey R Johnson..... +● NP
4626⊙ Jeanette Henrietta Newman . 90●503.658.8789
⊙ Raymond Harold Newman.. 90●503.658.8789
4636 David A Phelps..... 97●503.654.3466
Phyllis A Phelps..... 97●503.654.3466

ADDRESS

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+ - New Listing 95,96, Etc. - Year First Listed 1995,96, Etc. ● - Verified Homeowner ♣ - Postal Delivery Questionable

TP	Adjoining	Source
-	✓	Cole Information Services

SE WASHINGTON ST 2005

SE WASHINGTON ST

4645 ★ Bob Hulen Appliance Services 99 503.659.0547
Robert Harold Hulen ... 74 ● 503.659.0547
Shirley Jean Hulen ... 74 ● 503.659.0547
4646 Angel Mora ... 03 ● 503.794.9313
David Mora ... 03 ● 503.794.9313

-SE 53RD AVE INTS

5204 Priscilla C Salvador ... 02 ● NP
5205 ◇ Jr Kincaid ... 95 ● 503.232.6885
◇ Kevin P Kincaid ... 95 ● 503.232.6885
5224 Kristen Schell Stearns ... 92 ● NP
Nellie M Stearns ... 92 ● NP

-SE 54TH AVE INTS

5304 ◇ David R Boone ... 87 ● 503.235.3531
5315 Richard D Hendry ... 00 ● 503.236.7473
Susanne K Hendry ... 00 ● 503.236.7473
5316 T Y Soremekun ... 96 ● NP
5327 David L Stone II ... 92 ● 503.235.1800
Patricia Stone ... 90 ● 503.235.1800

-SE 55TH AVE INTS

5413 Michael Barefoot ... + 503.253.5640
5414 ★ Art For Hire ... 91 503.232.4720
Susan Ann Hammerer ... 96 ● 503.231.0432
5428 E Vanhood ... 03 503.231.2988

-SE 56TH AVE INTS

5704 Rumiko N Blanc ... 98 ● 503.239.0429
Jonathan D Turner ... 98 ● 503.239.0429
5705 Gloria Tauzafalk ... 89 ● 503.236.6229
5712 John P Legry ... 94 ● 503.235.3362
Tana Carole Legry ... 94 ● 503.235.3362
5715 ◇ Gregory J Miller ... 96 ● NP
5718 Joel V Kleinberg ... 01 ● 503.233.0800
Leticia L Kleinberg ... 01 ● 503.233.0800
5723 Daniel D Eells ... 97 ● 503.235.1686

-SE 76TH AVE INTS

7404 Margaret R Beam ... 02 ● NP
7405 Craig Jeffrey Ling ... 00 ● NP
Rose Ling ... 00 ● NP
7418 ... NP
7421 Jerry A Zoesch ... 88 ● 503.257.0937
7422 Jeff Macnab ... 99 503.408.7261
7436 ◇ Mary M Hineman ... 94 ● 503.251.2102
◇ Mart M Murphy ... 94 ● 503.251.2102

-SE THORBURN ST INTS

7523 ◇ Jay R Azevedo ... 02 ● 503.235.3539
◇ Laura Colleen Kelly ... 02 ● 503.235.3539
7604 Emmanuel E Cipullan ... 97 ● NP
Zenaida C Capellan ... 97 ● NP
7605 Theresa Lockwood ... 04 503.253.3112
7613 William Butler ... + 503.254.4321
7614 Gene V Pedersen ... 61 ● 503.253.0904
Violet Gene Pedersen ... 61 ● 503.253.0904
7621 ◇ Dale E Stewart ... 92 ● 503.254.4124
◇ Maxine Stewart ... 92 ● 503.254.4124
7622 Daniel L Grimes ... + ● NP
7634 Isaac M Etherington ... 04 NP
7635 Joseph L Campagna ... 01 ● 503.253.8344
Prudence D Campagna ... 01 ● 503.253.8344
7645 Camlan Nguyen ... 99 503.255.4366
Trucanh T Nguyen ... 99 503.255.4366
7646 K Tabor ... 95 503.256.4924
Keely Thornton ... 95 503.256.4924

-SE 78TH AVE INTS

7700 Arthur Wetzel ... + NP
7702 ... NP
7714 Colleen M Kelly ... 02 503.252.8025
7715 Christopher R Huttinga ... 87 ● NP
7730 Apartments
1 Brian A Coons ... 02 ● NP
1 Faviola P Coons ... 02 ● NP

-SE 80TH AVE INTS

7814 Apartments
3 Allison Anderson ... + 503.262.8585
3 Scott R Anderson ... + 503.262.8585
I LD Curry ... 94 503.231.5286
I Lashonda D Curry ... 94 503.231.5286
7822 Cathie S Mann ... 90 ● 503.255.7344
Gordon K Mann ... 90 ● 503.255.7344
7832 Gail Frazier ... + 503.261.1458
7836 ★ DJS Secrets ... + 503.252.8434
A Noel ... 02 503.257.4062
7903 ★ ASAP Signs ... + 503.257.3585
7904 ◇ Dana L Larson ... + ● NP
◇ Kristen D Larson ... + ● NP
7912 Thi T Lehuong ... 02 ● NP
7920 Juan Aguellra ... 92 503.253.4740
7922 Contreras Lopez ... 00 503.257.8082
Marina Lopez ... 00 503.257.8082
7936 Deanna C Dallas ... 00 ● 503.252.8434
Katrina C Dallas ... 00 ● 503.252.8434

-SE 81ST AVE INTS

8039 ★ ♣ Wok Express ... + 503.252.5408

▶▶ 8206 - 11843 97216

-SE 84TH AVE INTS

8206 ... NP
8212 Sou P Chen ... 97 503.253.8039
Soe S Min ... 97 503.253.8099
8214 Sharon Mayac ... 03 NP
8218 Samuel Hill Jr ... 03 NP
8230 Duc Tran ... 99 ● NP
Phuong Tran ... 99 ● NP
8238 Claudia Kingham ... + NP
8244 Halley Jones ... + 503.254.7101
8250 Jaray R Shaw ... + NP
Kellie Marie Shaw ... + NP

-SE 82ND AVE INTS

8309 ... NP
8328 Thao Vu ... 02 ● NP
Thuan Van Vu ... 02 ● NP

-SE 86TH AVE INTS

8415 ◇ ♣ Michelle M Stanwood ... 94 ● NP
◇ ♣ Tod A Stanwood ... 94 ● NP
8418 Hai Chi Luc ... 96 ● 503.408.8313
8424 Mateo Ramos ... 93 ● 503.256.1960
Petra G Ramos ... 93 ● 503.256.1960
8425 Tamara J Myers ... 02 ● NP
8435 ... NP
8436 Juliana L Mesiver ... 95 ● 503.255.6860
8445 ... NP
8448 Desiree Cosper ... 92 503.254.3375
Gary Cosper ... 92 503.254.3375
8500 ... NP
8501 Edward Johnson ... 82 ● 503.253.3874
Jeff Johnson ... 82 ● 503.253.3874
8509 Robert E Dodd ... 95 ● 503.257.8532
8510 Nicholas W Theis ... 97 ● NP
8519 Mysic Hasnija ... 01 503.256.2123
8520 Larry-Alan Pearson ... 86 ● NP
Linda J Pearson ... 86 ● NP
8529 Emily L Chan ... 70 ● 503.255.0127
Wai H Chan ... 70 ● 503.255.0127
8530 Emerald S Barnes ... 03 ● 503.772.2749
Adam Weeks ... 03 ● 503.772.2749
8539 Anusorn Tanatchangsang ... 92 ● NP
Cheryl Tanatchangsang ... 92 ● NP
8540 Tom G Myers ... 98 ● 503.256.0771
Tom G Myers ... 98 ● 503.256.4740
8604 ... NP
8605 Charles A Kenney ... 93 ● NP
Scott Kenney ... 93 ● NP
8616 Jennifer A Browne ... + ● 503.262.0374
Jason M Macisaac ... + ● 503.262.0374
8626 Donald R Hartshorn ... 87 ● 503.257.7924
8635 Catherine Sterkel ... 00 503.254.5303
8636 8700 ... NP
8729 Ward Patrick Cannard ... 97 ● NP
8710 Rosie J Grove ... 96 ● NP
8719 Colleen A Anderson ... 94 ● NP
8720 John Kee Sturges ... 94 ● NP
8729 Jackie Sue Hoyt ... 91 ● NP
8730 Faye Y Williams ... 82 ● 503.257.1013
Hershel H Williams ... 82 ● 503.257.1013

-SE 90TH AVE INTS

8815 Carl Alvin McCalmant ... 96 ● 503.257.8770
Tim M McCalmant ... 96 ● 503.257.8770
8816 Chi K Le ... 99 ● NP
8827 Carl A McCalmant ... + ● 503.254.1630
Lawana McCalmant ... + ● 503.254.1630
8828 Carol Lee Dugger ... 96 ● NP
Melvin Dugger ... 96 ● NP
8836 Placido F Alvarez ... 03 503.788.0263
8837 Theresa S Coleman ... 95 503.256.7078

-SE 88TH AVE INTS

8905 Kin Pak Chan ... 73 ● 503.253.5335
Y Chan ... 73 ● 503.253.5335
8906 Maria B Chalifoux ... 03 ● NP
8914 Jamie M McFadden ... 95 ● 503.292.5162
8921 Kathleen A Carriger ... 99 ● NP
Wayne A Carriger ... 99 ● NP
8924 Glenda M Ford ... 00 ● NP
Crystal D McDowell ... 00 ● NP

-SE 92ND AVE INTS

9005
1 Irina Kalsina Benyezin ... 97 ● 503.262.8063
1 Vitaliy Benyezin ... 97 ● 503.262.8063
★ New World Trucking ... + 503.262.8063
9006 Deborah A Hailey ... 00 ● 503.251.3743
Rickie A Hailey ... 00 ● 503.251.3743
9015 Douglas C Andreschuk ... 82 ● 503.253.5164
Lara G Andreschuk ... 82 ● 503.253.5164
9016 Betty L Antons ... 92 ● NP
John F Antons ... 92 ● NP
9025 Chaoxiong Xiong Tang ... 01 503.252.9892
Shuangmeiw Tang ... 01 503.252.9892
9026 Shing F Seid ... 92 ● NP
9035 ◇ Tracy A Burkholder ... + ● NP
◇ Blaine D Close ... + ● NP
9036 Robert Alan Black ... 01 ● 503.256.8409
9045 Timoteo Hernandez ... 01 ● 503.408.1304
9046 Mildred A Simonson ... 73 ● 503.254.1508
9105 ◇ Ray C Kraemer ... 03 ● 503.253.1910
9106 ... NP
9113 Jack J Miller ... 04 ● NP
9116 Zara S Capps ... 03 503.255.6815
Rachelle M Markley ... 03 503.255.6815
9125 Albert J Meloney ... + ● NP
Belle S Meloney ... + ● NP
9135 Ronald D Aman ... 98 ● 503.255.6470
9136 Dale Gillean ... 64 ● 503.252.6497
Dale J Gillean ... 64 ● 503.252.6497
9142 ... NP
9145 ◇ Carl W Yarrow ... 82 ● 503.256.0318
◇ Lawrence W Yarrow ... 82 ● 503.256.0318
9206 Armando Gonzalez ... 97 ● 503.253.7859
Dolores Gonzalez ... 97 ● 503.253.7859
9218 Henry J Parent ... 02 ● NP
9230 Don Harris ... 98 NP
Jean A Harris ... 98 NP
9238 Frank Edward Fields ... 00 ● NP
9250 ... NP
9262 ◇ Julie Fay ... 96 ● NP
◇ Teresa Fay ... 96 ● NP
9270 Ellen Kern ... 96 503.408.3087
Joyce A Kern ... 96 503.408.3087
9312 Sandra M Torres ... 00 ● NP
Walter J Torres ... 00 ● NP
9324 ★ Clear Vision ... 90 503.253.8264
Anthony P Pratt ... 95 ● 503.253.8264
Patti Ann Pratt ... 95 ● 503.253.8264
93320 Teresa L Knutson ... 99 ● 503.262.6718
9346 Simona Bogdan ... 02 503.256.0735
Rafaela Reyes ... 02 503.256.0735

-SE 96TH AVE INTS

9710 ★ ♣ Americas Best Contact & Eyeglasses
98 503.257.7770
♣ Masters Cruise ... 03 NP
★ ♣ Household Finance Corp 04 503.255.0880
★ ♣ McMenamins Pubs ... 04 503.254.5411
★ ♣ Resource Staffing Services 02 503.261.8822
9728 ★ at & T Wireless ... 03 503.256.2012
9730 ★ Portland Teachers Credit Union 03 503.273.1710
9732 Building
K ★ Countrywide Home Loans Inc 98 503.255.7584
B ★ Info USA ... 97 503.256.9690
G ★ Schillacis Salon ... 01 503.252.8597
E ★ Sleep Country USA ... 03 503.255.2296
★ ♣ Wells Fargo Financial Inc 99 503.256.9940
9738 Building
★ ♣ Candy S Ice Cream Store I + 503.253.2121
★ ♣ Coffees On ... 96 503.408.0305
★ ♣ Countrywide Home Loans + 503.255.7584
★ ♣ Erin Laggett ... 03 503.254.6500
★ ♣ Fedex Kinks Off & Prnt Services
+ 503.256.0236
★ ♣ Kinkos ... 04 ● 503.256.0236
Q ★ Realtor Flags ... 04 503.736.3287
R ★ Star Nails ... 94 503.255.6005
★ ♣ Umenoki Kaaiten ... 02 503.255.9922
W ★ Wall Street Pizza ... 92 ● 503.254.6500
9740 ★ Blockbuster Video Inc ... 94 503.252.3900
9600 ★ Target Pharmacy T 1419.. 03 503.252.5934
★ Target Stores ... 00 503.252.5781
9680 ★ Red Robin International .. 02 503.257.2900
9900
★ ♣ Barnes Noble Booksellers + 503.255.5650
★ ♣ Dons Jewelers & Ringmakers 97 503.251.3848
★ ♣ Fashion Bug Inc ... 96 503.252.5396
★ ♣ J & G Motion Pictures.. + 503.252.4637
A ♣ James Jackson III ... 01 NP
★ ♣ Mail 205 Maintenance Offices 03 503.255.5605
★ ♣ Saigon Cuisine ... 91 503.262.6774
★ ♣ Things Remembered, .. 02 503.282.5847
1010 ★ ♣ Tran Family Corp.... 03 503.546.0937
★ ♣ 24 Hour Fitness.... 99 503.252.2447
9904 ★ Oregon Air National Guard 02 503.335.4040
9910 ★ Dress Barn ... 02 503.252.3999
9914 ★ ♣ General Novelty.... + 503.255.2114
9918 ★ Bed Bath & Beyond.... 03 503.258.1228
9928 ★ ♣ Fuel ... + 503.262.8086
9938 ★ Deb Shop The ... 94 503.253.5504
★ Nsy Corp ... + 503.253.6400
★ Nsy Llc ... + 503.232.6539
★ Star Shots... 92 ● 503.253.6400
9940 ★ Harry Ritchie Jeweler.... + 503.251.3848
★ Memorymat Dot Com 03 503.252.9704
9942 ★ GNC ... 97 503.256.9253
9955 Building
★ ♣ Brady M & Associates . 92 503.257.0057
★ ♣ Brooks Turner & Associates 99 503.255.5450
★ ♣ I B E W & United Workers FCU 95 503.231.8193
★ ♣ IBEW & United Worker Credit Union
88 503.253.8390
★ ♣ Kunkel Jim Realty 95 503.252.1166
305 ★ Lightolier ... 01 503.253.0020
★ ♣ Mid America Computer Corp + 503.408.0038
22 ★ Nettworth Financial Group + 503.253.3000
105 ★ Optical Distributors Group 03 503.408.6700
301 ★ Oregon Counseling Services Solutions
+ 503.253.5115
104 ★ ♣ Oregon Financial Planners 83 503.256.3963
201 ★ Rbc Mortgage Inc.... 97 503.234.5160
10 ★ Three Rivers Insurance Group + 503.254.9289
101 ★ Von Borstel & Associates Inc 93 ● 503.257.0057
★ ♣ Welpland Insurance ... 82 503.256.0850
200 ★ Woodburners & Landers Cpas Pc 97 503.255.6121
9958 ★ ♣ Computer Photo Gift... + 503.253.6701
9960 Building
A ★ ♣ Import Plaza ... 04 503.256.4611
9964 ★ Harry Ritchies Jewelers.. 90 503.253.9112
9978 Building
205 ★ ♣ USA Nails ... 96 503.251.4922
9982 ★ Van Duyn Chocolates 98 503.262.0729
9984 ★ Beauty Nails ... 99 503.252.5121
9986 ★ James E Paul Jr Inc 00 503.255.4471
★ Pauls... + ● 503.255.4471
9988 ★ Performance Bicycle Shop 03 503.408.6150
★ Performance Bicycle Shop + 503.644.3246
9994 ★ Godfoshack... 95 503.254.6135
9996 ★ Claires Boutique... 03 503.256.9534

-SE 102ND AVE INTS

10002 ★ Harry Ritchies Jewelers.. 03 503.253.9112
10052 ★ 24 Hour Fitness ... 98 503.252.2447
10071 ★ Arbys Roast Beef Restaurants 93 503.255.2306
10090 ★ Lezerquick ... 03 503.254.9542
10102 ★ La Pequena Paguerias ... 04 503.257.1177
★ Saigon Cuisine ... 03 503.262.6774
10118 ★ ♣ Mr Formal Mall ... + 503.254.1841
10120 ★ Home Depot The... 04 503.261.8543
★ Mall 205 Unocal 76... 89 503.251.1712
10130 ★ ♣ Wazwan Express .... + 503.223.9798
10132 ★ Wok Express... 00 503.261.9538
10134 ★ Learning Palace ... 85 503.251.1833
★ Lerner New York... + 503.253.8990
10156 ★ ♣ Scamps Pet Centers... 90 503.256.5912
10201 Building
OR113 ★ Bank of America... + 503.275.1344
10220 ★ U S Bank Corp ... 03 503.275.6130
★ United State National Bank of Oregon
+ 503.275.6132
★ 102nd & Washington Office + 503.275.3990
10270 ★ ♣ Donaldson McCaffrey McElroy & Arsanj
03 503.408.9600
10302 ★ ♣ Car Stereo City Inc 92 503.256.1778
10312 ★ Car Stereo Liquidators... + 503.254.0652
10400 ★ ♣ Dollar Tree ... 04 503.252.1446
10414 ★ Bally Total Fitness ... 00 503.255.1182
★ Gateway Sports Medicine 04 503.252.6805
10510 ★ ♣ Pasta Pantry ... 85 503.255.4456
10522 ★ ♣ Oregon Beauty Supply .. 04 503.255.3483
10526 ★ Oregon State Police 04 503.731.3020
10530 Building
A101 ★ ♣ USA Beauty Salon..... 03 503.252.8585
10534 ★ Dollar Tree ... + 503.252.1446
10538 ★ Portland Medical Imaging + 503.262.5437
10542 Building
★ Hometown Buffet ... 88 503.252.0741
A ★ ♣ Old Country Buffet .... 98 ● 503.252.0741
10546 ★ Officemax... 03 503.254.2827
10548 ★ Jo Ann Fabrics & Crafts.. 93 503.253.5710
10555 ★ Graphic Info Systems ... + 503.254.9642
★ Oregon Telco Community Cr Un 04 503.227.5571
10566 ★ Acapulco Mexican Restaurant Y Cantin
84 503.257.0567
10570 Building
★ ♣ Conceptscommunity Living + 503.255.4647
212 ★ Fred Cooper Consulting Engineers Inc
00 503.235.4402
★ ♣ Nwappraisalcorp 91 503.254.0008
105 ★ Rowell Engineering & Design 98 503.254.6292
★ ♣ The Mortgage Network Inc 03 503.251.8330
★ ♣ Ultrasound Northwest Oregon Llc + 503.262.6832
★ ♣ Val Pak Direct Mail Advertising
96 503.253.8050
★ ♣ Vitalife Center... 88 503.255.0380
★ ♣ Western Software Solutions + 503.254.1194
10572 ★ Budget Instant Signs Inc . 97 503.257.7229
★ Michael Moe Enterprises Inc + ● 503.257.7229
★ Michael Moe Enterprises Inc + 503.466.5901
10580 ★ Proschools ... + 503.256.3645
10584 ★ Pay Check Advance 01 503.254.2489
10588 ★ Laser Attractions 95 503.255.3588
★ Ubuilkit Southeast Portland + 503.252.4206
10610 ★ Pete Anderson Realty Associates Inc
96 503.251.5650
10802 ★ ♣ Fournier Group 03 503.408.3921
★ ♣ Fournier Group Oregon Insur 04 503.251.2255
10808 ★ Washington Inventory Service 98 503.256.1096
11502 ... NP
11505 Oahn Kien ... 03 503.257.9861
Tina Kien ... 03 503.257.9861
11511 Vitaliy Shkvarkovskiy ... 03 503.262.1294
11516 Federico Diaz ... 90 ● NP
11521 Suzette T Finn ... 91 ● 503.255.3589
11524 Diane M Scott ... 94 503.257.7958
11531 Betty Jane Lunan ... 87 ● 503.255.5029
11534 ♣ Kristopher Loucks ... + ● NP
11537 ... NP
11543 Mengke Kou ... 99 ● 503.261.7873
11546 ... NP
11551 Chan Ngoc Nguyen ... 00 ● 503.255.1043
Dinh Kim Nguyen ... 00 ● 503.255.1043
11560 ... NP

-SE 115TH AVE INTS

11606 Glenn O Koester ... + ● 503.257.5924
11611 Phuc Dinh Tran ... 00 ● 503.254.4696
Phuong T Tran ... 00 ● 503.254.4696
11615 ♣ Adriana Wunderlich ... 00 ● NP
♣ Denise M Wunderlich ... 00 ● NP
11618 Hazel C Vanhorn ... 94 ● NP
Timothy J Vanhorn ... 94 ● NP
11624 Nellie R Bowman ... 70 ● 503.255.9915
11625 Lan T Ta ... + ● NP
11633 Adriana M Alcazar ... 97 ● NP
Francisco Z Alcazar ... 97 ● NP
11717 Florence M Phillips ... 93 ● NP
Lawrence E Phillips ... 93 ● NP
11724 M Dowell ... + 503.408.8802
11725 West D Henry ... + 503.258.0489
Debra H West ... + 503.256.0489
11730 Trang Doan ... 03 ● NP
Phong Nguyen ... 03 ● NP
11734 Charles E Osborne ... 99 ● NP
11735 Michelle A Schie ... 94 ● NP
11742 Mary Jo Segal ... 99 ● NP
Stephen J Segal ... 99 ● NP
11749 ... NP
11752 David A Barlow ... 94 ● 503.261.0945
Laurie J Barlow ... 94 ● 503.261.0945
★ 3 P Co Llc ... 03 503.803.0356
11760 Kenn N Young ... 82 ● 503.253.2610
11761 Rick L Barnes ... 00 NP
Tiffani Barnes ... 00 NP

-SE 119TH AVE INTS

11811 Julie Ann Frangipani ... 87 ● 503.252.0619
Mark Robert Frangipani ... 87 ● 503.252.0619
★ Frangipani Construction Clean Up Ser
98 503.252.0619
11818 Elizabeth J Symonds ... 98 ● NP
11824 Craig Allen Smith ... 96 ● 503.256.3447
Sarah J Smith ... 96 ● 503.256.3447
11827 Barry C Stevens ... 02 ● NP
11830 Misty D Slanger ... 94 ● NP
Todd G Slanger ... 94 ● NP
11839 ♣ Tina Nichols ... 00 NP
11835 ♣ Georgiana M Nichols ... 84 ● 503.256.8566
11842 Janice Ellison ... 92 ● 503.256.4636
John Michael Ellison ... 92 ● 503.256.4636
11843 Lisa Hammond ... 01 503.255.2034

▶▶ 13025 - 17838. 97233

13025 Ronald Clark Reid ... 93 ● 503.251.2984
13028 Ruth W McNiece ... 76 ● 503.252.6440
13035 Grace Eng ... 94 ● 503.252.8779
Lynda J Eng ... 94 ● 503.252.8779
13040 Clarence W McClary Jr ... 84 ● 503.253.0015
Delores J McClary ... 84 ● 503.253.0015
13041 Diana J Hanson ... 96 ● NP
Walter L Hanson ... 96 ● NP
13058 Daniel J Porter ... 95 ● 503.255.9187
Debra R Porter ... 96 ● 503.255.9187
13085 Blain R Young ... 92 ● 503.252.7531
Lisa A Young ... 92 ● 503.252.7531

-SE 134TH AVE INTS

13108 ◇ Leroy U Johnson ... 87 ● 503.255.1757
◇ LINA Fay Johnson ... 87 ● 503.255.1757
13111 Fred Eugene Johnson ... 75 ● 503.251.4986
Terri Renee Johnson ... 75 ● 503.251.4986
13121 Brian Lee Brewer ... 96 ● NP
13141 ♣ Joe Charles Damico ... + ● NP
13155 Erica Bellcoff ... 02 503.262.0509
13158 Bren H Curtis ... + ● NP
Miles Miller Curtis ... + ● NP
13223 John S Brown ... 80 ● 503.254.2894
Michelle Lee Brown ... 80 ● 503.254.2894
13224 Shana T Carter ... + ● NP
13241 Elsie M Schroeder ... 73 ● 503.254.8426
Robert M Schroeder ... 73 ● 503.254.8426
13242 Doug Macbride ... 02 503.257.0600
13252 ◇ Curtis R Johnson ... 86 ● 503.254.7995
◇ Melvin A Johnson Jr ... 88 ● 503.254.7995
13253 Sandra G Marek ... 95 ● 503.252.3933
Walter E Marek ... 95 ● 503.252.3933
13315 Robert John Tichelaar ... + ● 503.253.0496
Shawn E Tichelaar ... + ● 503.253.0496
13333 Maria A Larios ... 02 ● NP

-SE 166TH PL INTS

16629 Roberta R Huber ... 87 ● 503.254.1678
16630 Jan Entenmann ... 94 ● 503.253.4684
Steven G Entenmann ... 94 ● 503.253.4684
16711 Rosemary R Grover ... 70 ● 503.252.2337

-SE 179TH AVE INTS

17706 Jesse Wood ... 00 ● NP
Maria A Wood ... 00 ● NP
17707 ◇ Bill R Brunton ... 76 ● 503.253.0993
◇ Marlys J Brunton ... 76 ● 503.253.0993
17715 Laurie E Vashaw ... 81 ● 503.665.1317
Michael E Vashaw ... 81 ● 503.665.1317
17716 Maria Pachmayr ... 94 ● NP
Otto M Pachmayr ... 94 ● NP
17732 ★ Elizabeth A Stiles 03 503.665.3950
Elizabeth Ann Stiles ... 97 ● 503.665.3950
17744 0 Anne M Vittoria ... 98 ● 503.665.1451
◇ Frank Vittoria ... 98 ● 503.665.1451
17745 Delilah A Smallfoot ... 92 ● NP
Nathan F Smallfoot ... 92 ● NP
17757 Leanne L Patterson ... 84 ● 503.665.5740
17758 David L Said ... 01 ● NP
17837 Sally E Porter ... 99 ● NP
17838 Lori Faye Johnson ... 02 503.618.0431
Mark David Johnson Sr ... 02 503.618.0431
717 RESIDENCE 219 BUSINESS

● SW WASHINGTON ST

CT	54.00	215 - 330	$D
CT	53.00	404 - 1135	$A
CT	52.00	1200 - 1337	$B
CT	301.00	9060 - 11098	$A

▶▶ 215 - 550.....97204

-SW 3RD AVE INTS

215
20121 ★ A Gluck Manishan 02 503.242.1162
FL3 ★ Cohen Vacation Rentals Llc 03 503.233.0986
300 ★ Dan Everett Thmpsn DMD Llc + 503.232.2855
300 ★ Dan Everett Thompson DMD Llc + ● 503.232.2855
200 ★ Dwyer J Michael 94 503.241.9456
201 ★ Greenleaf Tax Service Llc 04 503.827.0393
201 ★ Grnlf Tax Srvc L L C ..... 04 ● 503.827.0393
ST ★ Hillsboro Neurosurgical Associates P
03 503.248.0300
204 ★ Intellectual Capital I LP.. + 503.243.1847
FL3 ★ Kenneth Klanquist..... 02 NP
★ ♣ Klarquist Stephen J ... 03 503.248.0300
FL3 ★ Mind Homes Llc ..... + ● 503.233.0986
201 ★ Oberholtzer James..... 03 503.224.8050
201 ★ Seedling Llc ..... + ● 503.827.0393
♣ Kirke Survisors Wolfe ... + NP
FL3 ★ Zalutsky and Klarquist Pc 80 ● 503.248.0300
222 ★ Metro Pizza 96 503.224.5477

-SW 4TH AVE INTS

300 ★ Estate Jewelry Co 80 503.226.7127
304 ★ Affordable Jewelry 98 503.224.8619
★ Affordable Jewelry and Precious Meta
80 503.227.4653
★ Medallion Specialties Inc 93 ● 503.224.8619
★ Portland Minting Co The . 93 ● 503.224.8519

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CT - Census Tract $ASB,Etc. - Census Tract Home Value Rating ★ - Business Listing ◇ - Duplicate Phone Number At This Business Address ◊ - No Mail Solicitation

SE YAMHILL ST 2005

9984 Anita I Fontenot ... 99 • 503.771.2223
James R Fontenot ... 99 • 503.771.2223

-SE PENNINGTON CT INTS
10015 Charles On Seid ... 97 • NP
Ying Tong Seid ... 97 • NP
10026 Tony G Bassili ... 03 • NP
10033 Krysta Vu ... + • 503.788.3326
10038♣ Alisa N Truong ... + • NP
10039◊ Kelly R Nguyen ... + • NP
◊ Tin Thanh Nguyen ... + • NP
10064 Brian Ching Lee ... 00 • NP
Sandra K Lee ... 00 • NP
10072 Charles F Williams ... 00 • NP
Pamela A Williams ... 00 • NP
10091 Hien Le ... 02 503.775.3498
★Lotus Global Communications 03 503.775.3498
10094 Kendall Christian Blunt ... 01 • 503.772.1861
Yvonne M Blunt ... 01 • 503.772.1861
★Ironwood Wealth Management 04 503.772.1861
10134★ Paulson Investment Co Inc 03 503.557.0401
◊ Carol J Rowlett ... 02 • 503.771.4244
◊ Kenneth R Rowlett ... 02 • 503.771.4244
10145 Huong Thuy Nguyen ... 00 • NP
Thanh Thuy Nguyen ... 00 • NP
10162 Jack J Means ... 02 • 503.232.8228
10190 Constance R Driscoll ... 02 • NP
Neil J Driscoll ... 02 • NP
72 RESIDENCE 5 BUSINESS

● SW WYNWOOD AVE

CT 314.03 1400 - 1435 $D
CT 314.04 1525 - 2160 $D

1400 - 2180 97225

-SW PARK WAY INTS
1400 Nancy D Rockwell ... 92 • 503.644.4746
1405★ Columbia River Cairn Terrier Club + 503.671.9019
★Columbia River Cairn Trr Club +⊙503.671.9019
Bradlee T Labroad ... 98 • 503.671.9019
Peggy Labroad ... 98 • 503.671.9019
1435 Jason A Alldrin ... 01 503.646.9893
Leslie K Alldrin ... 01 503.646.9893
1525 Jeanne Paquette Atkins ... 93 • 503.644.5835
John H Atkins Jr ... 93 • 503.644.5835
15400◊ Peg Gorowski ... 89 • 503.646.9325
1545 Billee J Terpenning ... 92 • 503.644.9080
Howard M Terpenning ... 92 • 503.644.9080
1560 ... NP
1565 Jon Kenneth Horne ... + ... NP
1580 Lavonne R Kemper ... 88 • NP
Mark H Kemper ... 88 • NP
1620 Deborah Elaine Dufour ... 87 • NP
Phillip S Dufour ... 87 • NP
1625 ... NP
16400◊ Robert E Rose ... 94 • 503.646.2312
◊ Robin T Rose ... 94 • 503.646.2312
1660 Gene R Frye ... + ... NP
1665 Dick L Hueneke ... 80 • 503.644.2604
Myrna M Hueneke ... 80 • 503.644.2604
1680 Jessica Plumb ... 03 ... NP
1685◊ Richard C Kipper ... 91 • NP
1720 Brian P Doherty ... 95 • 503.643.5130
James E Doherty ... 95 • 503.643.5130
1725 Bernadette B Humes ... 69 • 503.644.4385
John Edward Humes ... 69 • 503.644.4385
1740 Samuel L Boucot ... 95 • 503.646.6146
Allison Lee Weed ... 95 • 503.646.6146
1745 Allen L Lake ... 91 • 503.644.8513
Veronica B Lake ... 91 • 503.644.8513
1760 Cathy J Harris ... 92 ... NP
1765 Ann Vanliklotis ... 60 • 503.644.7654
1780 Roma I Badouski ... 94 • NP
Slawomir Badowski ... 94 • NP
★Fresco Painting & Interiors + 503.641.5444
1785 Douglas Allen Brown ... + • NP
Michelle T Brown ... + • NP
1820 Alena Skora ... 98 • 503.644.7373
Ivo Skora ... 98 • 503.644.7373
1825 Aimee R Lobo-Berg ... + • NP
1840 Debbie L Herman ... 99 • 503.641.5552
Doug K Herman ... 99 • 503.641.5552
1845 Michele Chernesky ... + • NP
Dean Lindstrom ... + • NP
1860 Evonne Marie Nielsen ... 90 • 503.520.1092
1865 Diane W Bosse ... 90 • 503.626.3323
Lynn Allen Bosse ... 90 • 503.626.3323
18800 Diana B Baird ... 69 • 503.644.5648
1885 Carie E Arakawa ... 89 • 503.643.5319
19350 Donald S Scrivens ... 94 • 503.643.6583
◊ Marion L Scrivens ... 94 • 503.643.6583
1940 Debra Mast ... 03 • 503.641.2982
Steven Mast ... 03 • 503.641.2982
1960 Belinda M Nlebur ... 92 • 503.643.1806
David M Nlebur ... 92 • 503.643.1806
2035 Charles Burney Dent ... 96 • NP
Tina Marie Dent ... 96 • NP
2040 Sharon Ann Messina ... 95 • 503.646.6230
2055★ Abc Balloons & Helium .. 99 503.626.8714
Ken L Stark Jr ... 94 • 503.520.9489
Peggy B Stark ... 94 • 503.520.9489
2060 Jana Svea Decarli ... + • NP
Paul B Decarli ... + • NP
2075 Jordan Rhodig ... 03 503.469.9489
2080 Mary L Hackbarth ... 81 • 503.641.2183
Roy Hackbarth ... 81 • 503.641.2183
2095 Edward F Ritz Jr ... 80 • 503.644.1005
Eliza Gale Ritz ... 80 • 503.644.1005

-SW EDGEWOOD ST INTS
2100 Robert Wayne Bales ... 79 • 503.646.2240
★New Generation Video ... 95 503.646.2240
2115 Cheri Tabaka ... 03 • NP
Lawrence P Tabaka ... 03 • NP
2120 David L Ackerman ... 88 • 503.643.9017
2135 Amy L Morris ... 01 • 503.469.8187
Marcus S Morris ... 01 • 503.469.8187
2140 Elizabeth M Jacobs ... 01 • 503.520.9732
2155 Jeffrey B Dwyer ... 87 • NP
Norman L Dwyer ... 87 • NP
2160 Gilbert Tito Carreon ... 03 • NP
Ruth T Carreon ... 03 • NP
79 RESIDENCE 5 BUSINESS

● SW YALE PL

CT 319.05 0 13255 - 13295 $A

0 13255 - 13295 97223

13255 Mike Rahsaan ... 02 ... NP
13275 Joann A Gilliland ... 02 • NP
13285 Dean L Williams ... 02 • NP
13295 Dave Lee Norstedt ... 02 • 503.579.9660
Galli Marie Norstedt ... 02 • 503.579.9660
5 RESIDENCE

● N YALE ST

CT 40.02 4750 - 6731 $D

4750 - 6731 97203

-N OLIN AVE INTS
47500 Amy L Fischer ... 96 • NP
◊ Marlow D Fischer ... 96 • NP
4767★ Beier Woolley Llc ... 03 503.737.0608
4768 4773;4776;4779 ... NP
4782★ Mana Massage ... 03 503.289.4116
Jennifer J McLaughlin ... 01 • 503.289.4116
4785 Evelyn M Salvo ... 82 • 503.285.3239
Michael N Salvo ... 82 • 503.289.3534
4788 Barbara J Harris ... 86 • 503.286.8374
Rollie E Sivyer ... 86 • 503.289.8405
4792 Cheryl Ann Barham ... 95 • 503.289.6606
Theodore A Barham ... 95 • 503.289.6606
4795 Stella Goetz ... 93 • 503.240.1837

-N HAVEN AVE INTS
4818 Amil Claude Zell ... 89 • 503.285.0966
Debra Kay Zell ... 89 • 503.285.0966
4823 ... NP
4829 Debbie Rood ... + ... 503.283.2755
4830 Patty S Cayton ... 99 ... NP
4837 Bruce Smith ... 03 503.735.3678
4840 Dave Nicholas Penwell ... 99 503.286.8450
4845◊ Patricia M Baker ... + • 503.289.7908
◊ Ronald A Baker ... + • 503.283.7852

-N FISKE AVE INTS
49000 John L Keating ... 97 • 503.289.2649
◊ James E Trapp ... 97 • 503.289.2649
4909★ The Visionpro ... 03 503.289.8430
4921 Maribeth McGowan ... 93 • 503.289.6755
Mary A McGowan ... 93 • 503.289.6755
4925♣ Vonda Bittkofer ... 02 ... NP
4928 4933 ... NP
4941 Nicholas R Danner ... + • NP

-N HODGE AVE INTS
5012 Ed J Maresh Sr ... 95 • 503.285.6525
Helen McGill Maresh ... 95 • 503.285.6525
5023 ... NP
5032 Norma M Beardsley ... 92 • NP
51040 Paula Samuelson Moos ... 95 • 503.286.7305
◊ William G Moos ... 95 • 503.286.7305
5105 Russel L Reynolds ... 88 • 503.285.6321
5115 D White ... 86 • 503.289.2192
Robert White ... 96 • 503.289.2192
5118 ... NP
5129 Earl H Wigglesworth ... + • NP
5130 Glen E Martilla ... 87 • 503.286.1716
Mary J Martilla ... 87 • 503.286.1716

-N PORTSMOUTH AVE INTS
5212 Audrey Gayle Meyers ... 96 • NP
Homer Dale Meyers ... 96 • NP
5215 Lori A Reynolds ... 93 • NP
Nicholaus Reynolds ... 93 • NP
5222 Pamela S Balaski ... 92 • NP
Rickey Lee Balaski ... 92 • NP
5225 Donna J Frawley ... 82 • 503.289.2729
Kenneth E Frawley Jr ... 82 • 503.289.2729
5227 Roberta A Beddow ... 97 • NP
5230 John E Reisig ... 94 • 503.288.5922
5235♣ John Cavanagh ... 01 ... NP
52360 Marvilla J Graiff ... 94 • 503.289.7764
◊ Shawn Graiff ... 94 • 503.289.7764
5241◊ David G Szilagyi ... 97 • NP
5253 Gretchen L Emerick ... 97 • 503.224.8898
5254 Barbara H Fahrer ... 86 • NP
James B Fahrer Sr ... 89 • NP
5261 Nicole Perry ... 99 • 503.285.4203
Zachariah R Perry ... 99 • 503.285.4203
5267◊ James Robert Luening ... 50 • 503.289.6714
◊ Penelope Rae Luening ... 50 • 503.289.6714
5268 ... NP
5275 Nadine E McBride ... 90 • 503.289.5057
5282 Michael Daubenberger ... 03 ... NP

-N VAN HOUTEN AVE INTS
5330 Eleanor C Kochan ... 97 • 503.285.2733
5333 Constance Palala ... 03 • NP
M M Palala ... 03 • NP
5406 John B Branst ... 02 • NP
5407 Judith J Bray ... 04 • NP
Larry D Bray ... 04 • NP
5416 Chris T McCormack ... 97 • NP
Karen L McCormack ... 97 • NP
5427 ... NP
6508 Richard Olson ... 03 503.240.4034
5516 Christine Radkey ... + ... 503.285.1120
John L Radkey ... + ... 503.285.1120
5530 Jesus Cruz Flores ... 97 • 503.289.8672
Maria D Flores ... 97 • 503.289.8672

-N MONTEITH AVE INTS
5601★ Astor School ... 89 503.916.6244
★John Jacob Aster Elementary 93⊙503.916.6244
5810 Nancy L Husband ... 92 • 503.285.7459
William Husband ... 92 • 503.285.7459
5705 Leontine Schott ... 96 • NP
5717★ Robert Kesel ... + • NP
5718 Marjorie E Hoglund ... 81 • 503.289.3884
5719 Ruth L Hess ... 03 ... NP
5736 Manzoor Ahmed Manzer ... 97 503.289.1612
Najma A Manzer ... 97 503.289.1612
★Pak American Scholastic Scty + 503.285.5050
5801 Byrdane J Schneider ... 86 • 503.286.6432
Jeffrey S Schneider ... 86 • 503.286.6432
5802 Joe Garvey ... 01 503.289.2459
5810 Kristin M Shiga ... + • 503.283.0294
5822 ... NP
59050 Robert E Dawalt ... 50 • 503.283.2738
5925 Matthew Hannon ... 03 ... NP

-N WALL AVE INTS
6015 Sara Branch ... 03 503.286.6420
Jacqueline Brocke ... 03 503.286.6420

-N WESTANNA AVE INTS
6207★ Dean J Johannack ... + • NP
6208 Laura J Huff ... 96 • NP
6211 Damion T Watters ... 00 • 503.289.3118
Leslie R Watters ... 00 • 503.289.3118
6214♣ Angela Radford ... 04 503.283.5101
6220★ Mighty Rivers Llc ... + 503.289.2307
Troy A Vollertsen ... 86 • 503.735.3105
6223 Judith Read ... 94 • 503.240.2676
Judith S Smith ... 94 • 503.240.2676
6232 ... NP
6301 Ayako Oconnor ... 95 • 503.289.1991
Matthew J Oconnor ... 95 • 503.289.1991
6302 Nathanial W Pesacreta ... 00 • NP
Sarah L Pesacreta ... 00 • NP

-N MACRUM AVE INTS
64050 Lovemna J Axtman ... 56 • 503.286.8604
6412 Donald F Chapman ... + ... NP
Karolyn J Chapman ... + ... NP
6423 Pamela J Cropper ... + ... NP
6432 Leila M Childs ... 01 • 503.247.8010
6433 Charlotte M Davies ... 99 • 503.286.1857
Stephen D Davies ... 99 • 503.286.1857
6441 Keith L Hagen ... 03 • 503.285.2045
64420 Enid O Golik ... 50 • 503.286.8129
◊ Shirley A Golik ... 50 • 503.286.8129
6452 Charles V Hodges ... 00 • 503.285.9688
Shelly A Hodges ... 00 • 503.285.9688
6500 ... NP
6505 Gloria Patricia Parra ... 95 • 503.283.4704
Roberto R Parra ... 95 • 503.283.4704
6508 Randy Zuber ... 98 • 503.735.2888
Rebecca L Zuber ... 98 • 503.735.2888
65160 Ricky L Scheetz ... 93 • NP
6517 Ann Pollet Swett ... 03 503.735.4055
Steve Poll Swett ... 03 503.735.4055
6524 ... NP
6525 Jennie Akemi Wyes ... 97 ... NP
6534 Roberta Ann Woelke ... 99 • 503.247.9152
6621 ... NP
6709 Jane C Bogus ... 03 • 503.286.0088
Kenneth E Bogus ... 03 • 503.286.3456
67310 Jeff E Fossum ... 97 503.735.9170
◊ Shonnette L Johnson ... 97 503.735.9170
140 RESIDENCE 7 BUSINESS

● SE YAMHILL CIR

CT 98.01 18436 - 18660 $E

18436 - 18660 97233

18436 Jon W Boatman ... 99 • 503.666.3518
18440 Sergiy Mechenko ... 02 • 503.674.6892
18444★ AMS / Oil Dealer Myron Blank 99 503.667.5120
◊ Myron A Blank ... 78 • 503.667.5120
18448 Ruben Razo ... 94 • NP
18501♣ John W Barber ... 02 ... NP
18503 Terry Dahlquist ... 02 • NP
18509★ Handmade Shoppe The ... 03 503.665.8071
◊ Clarence C Lang ... 96 • 503.665.8071
◊ Patti Thorsen ... 96 • 503.665.8071
18518 Karen Ann Hein ... 95 • 503.665.2833
18529 Christina L Parrish ... 02 • 503.492.4512
David D Parrish ... 02 • 503.492.4512
18530 18540 ... NP

-SE YAMHILL ST INTS
18601 Marcus K Cyrus ... 00 • NP
18612♣ Marquetta Morris ... + • NP
18619 Adam C Smith ... 04 • 503.491.1891
18640 ... NP
18646 Geraldine Conrad ... 97 • NP
18654♣ Daniel Dalby ... + • NP
18660 Jaime D Wilson ... 89 • 503.667.6550
Nick C Wilson ... 89 • 503.667.6550
21 RESIDENCE 2 BUSINESS

● SE YAMHILL CT

CT 16.01 0 6503 - 6639 $C

0 6503 - 6639 97215

-SE YAMHILL ST INTS
6503 Philip Robert McCurdy ... 95 • NP
Sharon L McCurdy ... 95 • NP
6527♣ Michelle Slater ... + • NP
6545 Phil J Dolan Jr ... + ... NP

-SE 66TH PL INTS
6611 Laura A Proud ... 97 503.253.8272
66390 Ben Simco ... 96 • 503.251.0200
◊ Joan M Simko ... 96 • 503.251.0200
7 RESIDENCE

● SE YAMHILL ST

CT 11.01 50 - 1333 $B
CT 12.01 2004 - 2950 $B
CT 13.01 3004 - 3862 $C
CT 14.00 3926 - 4818 $C
CT 15.00 5504 - 5900 $B
CT 16.01 6012 - 8130 $C
CT 16.02 8230 - 8340 $E
CT 82.02 11010 - 11835 $E
CT 92.01 E 13512 - 13532 $E
CT 92.02 14304 - 14407 $D
CT 97.01 15108 - 15630 $E
CT 97.02 16245 - 18131 $E
CT 98.01 18206 - 19628 $E

50 - 4124 97214

50★ French Family Investments Llc + 503.232.0526
★Studio Ten Fifty ... + 503.234.0901
81★ Office Mart Liquidators ... 99 503.234.3089
115★ Consolidated Electrical Distributors 90 503.232.3142
116★ Castle Ridge Construction. 04 503.595.0490
★Danners Custom Rug Co ... 03 503.742.1551
★Danners Home Renovation Inc +⊙503.595.0490
★Danners Inc ... +⊙503.595.0490
211★ Nor Air Inc ... 00 503.234.0251
240★ Consumer Care Corp ... 02 503.230.0406
345★ Lifes Tile ... + 503.230.1102
★Stile ... 03 503.230.9380
523★ Raized Printing ... 93 503.239.6694
630 ... NP
206 Jeanne Adams ... + ... 503.236.7246
304 Justin D Akers ... 02 ... NP
105 Kevin L Andersen ... 03 503.239.7581
109 Oliver T Bernhardt ... 03 ... NP
309 Joshua Z Childress ... 03 ... NP
212 Joe D Cochell ... 00 503.872.9929
110 Brittany Furry ... + ... 503.238.2459
304 Nathaniel A Gannon ... 02 ... NP
312 Jesus J Guerra ... 85 503.235.4068
312 Marjorie M Guerra ... 85 503.235.4068
313 Amasa Mariah Henderson ... 00 ... NP
313 Eric J Henderson ... 00 ... NP
★★ Income Property Management + 503.233.1509
307 William A Iverson IV ... + ... NP
108 Mark Johnson ... 02 ... NP
209 Jon Klein ... 03 503.234.7896
111 Michael Kolessar ... 03 503.236.7376
310 James Liebrecht ... 02 503.774.0438
213 John J Millett ... 90 ... NP
203 Ashley R Minyard ... 02 503.233.2283
201 David A Mitchell ... 91 503.239.4982
♣ Cotrell J Moore ... 03 ... NP
205 Tim Platt ... + ... 503.230.0218
210★ Power of Ten Llc ... + 503.774.3201
101 Melissa Richardson ... + ... NP
107 Amy Robertson ... 97 ... NP
113 M Ruggiero ... + ... NP
113 Mark B Ruggiero ... + ... NP
202 Alex M Simpson ... 01 ... NP
107 Michelle R Stepec ... 04 ... NP
315 M Tremblay ... 03 ... NP
308 Russ Welch ... 93 ... NP
731★ Gilbertson Machine Shop Inc 86 503.233.6491
909★ 9th Avenue Public Ho .... + 503.232.1910
★9th Avenue Public House . +⊙503.232.1910
1222 Paul S Minty ... 01 • NP
1223 R Davis ... 02 ... NP

1225 Apartments
8 Renee Echevarria ... 03 503.238.2583
5 Mark E Morrison ... 95 503.232.3493
1227 Ariel Eason ... + 503.234.6669

1235 Apartments
11◊ Lynn Marie Bauer ... 99 503.235.5946
12 Jhordan Sophia Dahl ... 01 503.963.1875
10 Karin E Dibling ... + ... NP
9◊ Amy E Faucon ... 02 ... NP
Wayne Northrop ... 02 503.236.8867
♣ Kathleen Pulec ... 02 ... NP
6 Justin Steffen ... + ... NP
4 Douglas Vanzandt ... 03 503.236.7860
1236 Tom Kremer ... 04 503.775.4971

1305 Apartments
2 Scott Conger ... 03 ... NP
♣ Rachel Lamson ... 03 503.234.7154
1 Chris McConville ... 01 • 503.672.8681
1 Michael A McCoy ... 01 • 503.872.8681
1311 Howard Silverman ... 03 • 503.228.7836
I F Tang ... 03 • 503.228.7836

1318 Apartments
Joanna Drouebay ... + 503.238.4678
1 Alison J Loercher ... + ... NP

1325 Apartments
4 Austin P Bales ... 04 503.239.8986
Krista Hart ... 01 • NP
Marney Richards ... 98 ... NP
Monique G Sheets ... 98 ... NP
3 Scott Tyler ... 99 ... NP
1333 Jeffrey Agee ... 03 503.236.3812
2004 Walter Ratzlaf ... 97 • NP
2006 Ruby L Dillon ... 80 503.232.6463
2008 James Eugene Earl ... + 503.284.9643
2012 ... NP
2014 Lupe Torres ... + 503.236.3317
2020 Walter E Winkelman ... 62 • 503.232.6456
2025★ Nichiren Buddhist Church. 93 503.232.8064

2026 Apartments
B Dezsea D Galati ... 99 503.236.0637
Benjamin J Wixon ... 02 503.236.7758
2031 Buddhist Church Nichiren ... 86 • NP
2039 Jack C Riley ... 56 • 503.235.5267
Loraine W Riley ... 56 • 503.235.5267
★Technical Associates 77 503.235.5267

2045 Apartments
1 Carol A Collier ... 00 503.231.1168
2 Anna Simon ... 02 503.236.0101

-SE 22ND AVE INTS
2101 Charlie E Durham ... 87 • 503.236.9831
Rebecca Durham ... 87 • 503.236.9831
2104 Kurt A Stoner ... 98 503.736.0810
2106 John Nelson ... 02 503.239.1152

2107 Apartments
1 Patrick N Brundage ... 02 503.235.6003
1 Tracy S Brundage ... 02 503.235.6003
Mark Enderle ... 03 ... NP
Galen Schmitt ... + ... NP
2 Norma Sisson ... 03 503.232.5048
2 Norma Sisson ... 03 503.233.7690
2112 Laura E Boraff ... 03 • NP
2115 Jonathan S Jubera ... 94 • 503.233.2893
Lisa R Jubera ... 94 • 503.233.2893
2116 Kris Tellegen ... + • NP
2124 Kathleen A Forster ... 96 • 503.236.5874
David R Trathen ... 96 • 503.236.5874
2125 Craig R Garrett Jr ... 98 ... NP
Kelly Goodwin ... 03 ... NP
Sara Shansky ... 03 503.234.7944

2131 Apartments
B Lindsay Logsdon ... 02 503.234.3660
LOWR Rachel M Phillips ... 02 ... NP
Mark C Ross ... 02 • NP
2134 Ruth S Ross ... 94 • NP
2137 Betty Y Esterberg ... 94 • 503.236.4975
Michael G Esterberg ... 94 • 503.236.4975
2145 Erica L Dagle ... + • NP
2147 Nicole S Fricano ... + ... NP
2203 Joel Price ... 98 503.239.5593
2213 Christine R Keith ... 02 • NP
2220 Cody Konda ... + 503.236.3269

2230 Apartments
2 S Adkins ... 02 503.232.8234
6 Chandler Arnold ... 99 503.231.9750
7 Paul Burns ... + 503.233.1547
♣ Joseph Huss ... 04 ... NP
♣ Brandan Lee ... 02 ... NP
10 Adam C McDermott ... 03 ... NP

-SE 23RD AVE INTS
2305 Apartments
6 Nancy Charlton ... 02 ... NP
8 Ezekiel Nick Ordaz ... 02 ... NP
2313★ Creative Quest ... + 503.233.5333
★Creative Quest Studio .... + 503.236.6911
◊ Tamara D English ... 98 • 503.236.6911
2322 Danielle L Malan ... 70 • 503.233.9193
2323 David J Shepherdson ... 96 • 503.234.7475
2326 Kristin Kolb ... + 503.236.0005
2331 Randall Alton ... 00 • 503.236.2639
★Lime Tea Magazine ... 04 503.236.2639
Christopher J Lydgate ... 00 • 503.236.2639
23320 Richard A Wahlstrom ... 86 • 503.239.4593
◊ Trish L Wahlstrom ... 86 • 503.239.4593
23380 Bill S Osborn ... 94 • 503.234.3552
◊ Debi C Osborn ... 94 • 503.234.3552
2343◊ Ann N Harroun ... 96 503.235.0580
◊ Roger G Noehren ... 96 503.235.0580
2345 Julie A Vanlaar ... 91 503.236.1045

-SE 25TH AVE INTS
2401 Elizabeth Pettit ... + 503.233.1164
2403 Jean G Drake ... + 503.234.4904
2405 Richard Pluff ... 01 ... NP
Christine Winningham ... 01 ... NP
Sheila Gail Young ... 01 503.238.2531

2406 Apartments
2 Barbara A Brown ... + ... NP
2 Jamie L Brown ... + ... NP
M Canty ... 96 503.230.1042
2407 Garmal W Reta ... 98 503.232.2986
2411 Becky J Springer ... 02 ... NP
2412♣ Chris W Meyther ... 01 ... NP
2413 Lidia M Santiago ... 82 503.236.9118
2414 ... NP
2415 Nikki Jardin ... + 503.230.2607
2421 Donald E Rees ... 02 • 503.238.8118

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ADDRESS

INSURANCE PLANNERS 5029 S.E. DIVISION TEL. 2
IF THEY FLY, THEY DIE. 3320 S.E. MILWAUKIE AVE. PORTLAND, OREGON 97202

SE MORRISON ST—Contd
12★Hua Myduy
13★Mc Carty Aurbin T
14★Minnix Noah R 230-9380
15★Johnson Audrey L
16 Fisher F
17★Chisholm L
725 Oregon Nail Distributors Inc nails & staples 232-3341
726 Pacific Western Bank 243-3608
727 B & E Supply whse automotive distr 236-1998
729 Evelyn's Tailoring & Alteration
Shapiro Saul busn consit 236-8320
Roundtable Associates design promotion & photography 236-8320
Johnson E A Co mfg rep & whol paint sups 235-1130
735 Adak Incorporated fl coverings 234-3141
Kerr Violin Shop 238-4515
Cascade String Works 238-4515
SE 8TH AV INTERSECTS
808 Grand Central Bowl bowling alley 232-5166
Grand Central Restaurant 232-5166
Pump Room cocktail bar 232-5166
819 Byron's Ltd Home Furnishings 232-6133
SE 9TH AV INTERSECTS
926 Freeway Fiat 232-3593
927 Club Nine Twenty Seven restr 231-1606
932 First Press printing 230-0412
940 Little John's Sandwich Shop 231-5646

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SE 10TH AV INTERSECTS
1001 Republic Automotive Inc whol auto parts 231-2660
1025 Keller & Keller lwyrs 238-1025
1040 County Dept Of Elections-Reg & Elections 248-3720
SE 11TH AV INTERSECTS
1105 Urban Indian Council Inc day labor 235-2311
1115 Urban Indian Council Inc (Employment) 235-2311
1120 Bernstein Brothers whol tobacco paper prods 235-8341
Associated Janitor & Paper Co 235-8341
SE 12TH AV INTERSECTS
1200 Urban Indian Council Inc health program 230-0669
1205 China Inn restr 234-3977
1230 Rex Arms Apartments
O★Milligan Cynthia 233-0445
2a No Return
2b Albrecht
3a Chocheso
3b★Hale Barbara
4a Robinson
4b★Navarro Wm J 234-4509
5a Garcia Ciro
5b Beaird
100 Thoren J
101 Snereck
102 Jackson
103 Edwards J
104★Parker Jerome W 238-9857
201 Jackson
202 Bazil B
203 Malcolm
204★Price Richd
205 Scarafile
206 Teters
207 Schoffner
208 Mickelson Tom
209 Hammond
210 Mc Hargue James R
211★Willis Patrick B 236-0364
212★Rouse Cl A 231-1495
301★Cone Robt D 239-5156
302★Qurada
303★Guerra Jesus J 235-4068
304★Teters Philip 233-1357
305 Riddle
306★Taylor R Reed
307 Wedwick P
308 Brecken
309 Wickdal
310 Moran A
311 Mattson E
312 Niemi
401 Richardson E
402 Johnson
403 O'Connor
404★Sigmund Joanna
405 Manz
406 Half
407 Vacant
408 Jiroch Mary 232-3895
409 Hallman
410★Pergison J
412 No Return
501 Fatehi
502★Leigh Patrick 236-7584
503 Vacant
504 Burton Mike D
Vacant (2 Apts-505-506)
507 Coffey Robt S
508 No Return
509 Scott
510★Robertson Mark A 230-0648
511 Schuster
512 Phinney Ruth 232-9223
200 Spada Teresa J cpa 231-8110
200 Banks W Paul cpa 231-8110
1235 Tobey Kenneth I Inc ins agcy 230-1711
220 Select Marketing Co produce broker 234-0635
STREET CONTINUED
SE 13TH AV INTERSECTS
1300 Zell's An American Cafe restr 239-0196
1308 Hal's Tavern 232-1259
1322 Williams B Irvin ◎ 232-0004
1328 Presto Cleaners 232-0004
1335 Schulz Amy M Mrs ◎ 232-4716
1339 Schulz Amy Beauty Shop 232-4716
SE 14TH AV INTERSECTS
1400 Hi-Time Tavern 236-2426
1401 Kienow's Bohemian Pastry Shop 236-3778
Kienow's Food Stores (Br) 234-7998
1412 American Handicapped Workers 235-3536
SE 15TH AV INTERSECTS
1502 Vacant
1505 Apartments
Archibald Clinton 235-1812
1507 Apartments
Greene Daniel ◎
1511a★Michel W D 236-6705
1511b★Rice Stephen L astrologer 231-1536
1511c No Return
1513a★Hood M R 233-6300
1513b★Young K 232-2179
1513c No Return
1517a★Burmingham Catherine
1517b★Egger Danl
1517c Vacant
1519a Hite Kerry F 233-4102
1519b Hood E
1519c★Scott Michael 231-7450
1523 American Locksmith Service 236-1212
1525 Vacant
1534 Vacant
1537 Morris Scale Co Inc sls serv scales 232-5339
1533 Morris Scale Co Inc addl sp

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SE 16TH AV INTERSECTS
1619★Stepetin Michl 231-0259
1621 No Return
1623 Mac Guire P 230-9531
1626 Vacant
1635 Vacant
1636 Davis Floie R Mrs ◎ 236-0396
SE 17TH AV INTERSECTS
Apartments
1★Huwaldt Cheryl 231-7302
2★Mastne A 230-9060
3 Howard Wm D
4 No Return
1724 Pac NW Bell (Equip Bldg) 232-1121
1725 Apartments
1★Toelen R
2★Froncese A
3★Swentex Scott 234-2444
4★Sapienza Diana
5★Burke Clyde
6 Howell R D 235-6317
7 Henneberg Rose M Mrs 236-3872
1733 K M A Electronics 231-6552
1735 Eastside Guitar (Addl Sp)
Apartments
1 Edwards Donald
2 Montgomery Susan
3 Dyer D
4 Hafey Phil
1737 Eastside Guitar ret sls 239-4014
SE 18TH AV INTERSECTS
1802★Simmonsen John
1807 Laskowski Patk 232-7372
1808 Vacant
1811★Rose K A 235-0334
1812★Ramburg John
1814★Birdsill Jeff J 235-9180
1815 Thompson Maxine F 236-8412
1816 Weber Loralie
1817★Johnson C 230-0286
1818★Larkin Andrew ◎ 232-3177
1822 Vacant
1823 Vacant
1 No Return
2 Lahey Sheryl A Mrs 235-0309
3 Woodward Richd
4 Maffey W
1828★Langlois Terry 230-9324
1835 Vacant
1836 Fogarty Patk F ◎ 234-1481
SE 19TH AV INTERSECTS
1902 Oregon Labor Press 231-4990
1905 Elefson Winifred M Mrs ◎ 235-7807
1917 Vacant
1919 Vacant
1921 Vacant
1925 O Z Sign Co 239-6900
1928 Apartments
1931 Rex Recording Co 238-4525
1936 Apartments
1 Karr Harlie
4 Griffith Wayne E
5 Vacant
6 Vacant
7 Vacant
8 James Ralph
1937 Hammond Properties Ltd real est 231-7542
1939 State Stamp & Seal Co locksmith rubber stamps 236-1141
★Westfall Thos E
1940 Picadilly Inn Tavern 232-6709
SE 20TH AV INTERSECTS
2036 Men's Resource Center counseling serv 235-3433
2046 Delong D
2052 Johnson Gerald 233-9751
Vacant
2104 Henderson Hildagarde M 234-2452
Craig Geri 234-1608
★Muzik C 232-3842
2115 County Lone Fir Cemetery 248-3622
County Environmental Services 248-5000
County Land Planning 248-3047
Environmental Serv (Permit Dept) 248-3407
2230 Apartments
1 Orton Joseph
2 Hooper Robt
3 Karp Edw
4 No Return
5 Orton Tanya

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SE 23D AV INTERSECTS
2306 Cummings-Ward Oil Inc fuel 234-7571
2320★Meyer Debra L Mrs 234-1640
Taylor Doug W 234-1640
2334 Houston John A 239-5804
2360 Sheet Metal Workers Union Local 16 231-4950
2402 Cuda Thos W ◎ 232-5961
2430 Haney Edw G ◎ 232-6025
2432 Vacant
SE 25TH AV INTERSECTS
2518★Jackson Charles R
Vacant
2526 New Brunswick Apartments
1★Jenkins Forrest A 230-7034
2 Vacant
3★Ghezalaygh Farzin 231-1489
4 Chapman Guy 238-0306
2536 Apartments
1★Misulin S
2 Vacant
3★Cameron John
4★Parke Judy K 232-6268
STREET CONTINUED
SE 26TH AV INTERSECTS
2613★Dinolt C 231-0158
No Return
★Steign C L
2615 Portland Birth Center info-child birth options 232-2753
2620 Merced Apartments The 232-9547
Stanton James F Rev 239-7776
2622 Morrill Louise K
2623 Winters Warren J 235-8241
2624★Abbaszadeh Vahid 239-9740
2625 Sakano Fumie M Mrs 232-2034
2626★Bowling Frank F 239-1495
2628 Phelps Ramon D 231-3776
2630 Hayden Wilbur A 234-7967
2631 Walton Dorothy N 232-3434
2632★Vincent Timothy 235-6160
2636 Pratt Donald J
2638 Roland Kenneth
2640★Olemgbe Elelleh Mrs 232-6969
2725 Wollam Donald M ◎ 235-0343
2735 Crowder Marjorie Mrs ◎ 233-9093
SE 29TH AV INTERSECTS
2921 Pierce D 234-3726
2924★Mortensen Bernie C 231-6986
2926 Vacant
2927 Gibson L 231-9650
2934 Amarilla Apartments
1 Houdek Otto
2★Scott Donna 236-3568
3 Littlejohn Marilyn
4 No Return
5★Barker J
6★Yayeshe Kiros Hagos 238-6028
7★Allen D
8 Streseman Edna M 233-1067
9★Robins Russell 231-1651
2935★Mc Kee Michl L 231-1680
2937★Cabot James P
2939 Vacant
STREET CONTINUED

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SE 30TH AV INTERSECTS
3005 Lu Manor Apartments 234-7906
1★Philipson Debra
2★Bohrer Agnes
3 Lucas Roger A 232-3838
4 Dusek Rose 235-4036
5★Austin Emma
6 Lewison Arvid 236-0413
7 Clevinger Margt O Mrs 235-3876
8 Young Everett R 234-7906
ALDER CT INTERSECTS
3016 Pagel Michl A 239-5987
3018 Ellsworth Ruth A 230-9823
3024 Hallsted Kent miniaturist ◎ 231-1779
3030 Weigel Jacob ◎ 232-6286
3038 Meckes Janis 239-0997
3042 Godman Alice S Mrs ◎
3049★Green Wayne A 233-9077
3054a Vacant
3054b Vacant
3054c★Engelert Roger
3101 Marcia Manor apts 232-0771
3103 Kennedy Rosalee 232-0771
3104 Wyatt James R
3105 De Marco Larry R 232-4906
3107 Brungardt Regina
3109 Olsen M M 232-8232
3111 Houston Relma M 236-9816
3112★Pommier Rod F ◎
3113 Hash Irma
3115★Smith Traci
3117 Anderson Josephine V Mrs 232-7975
3119 Kral John 236-0104
3121 Kufus Michl 231-6535
3125★Zakerzewski Mark ◎ 231-7197
3128 Vacant
3129 Serrica Pancho 234-8939
3131★Redditt Toivo 239-5210
3133★Parkin Starr F 233-0180
SE 32D AV INTERSECTS
3205 Berglund James ◎ 236-9717
3212 Apartments
1★Hert C
2 Siri Debbie 239-8937
3 Tousley Maxine 233-1245
4★Anestas Patti 231-1635
5 Koch John
6 Duffy Marvin L 231-9036
7★Coburn David M 239-4737
8★Frisco Penny 231-1635
9★Losh David 239-9436
10 No Return
3221 Apartments
1★Case Donald 238-8677
2 Vacant
3★Ward Dinah 238-8677
4★Dodar Larry
5★Rathbone N L
6★Galaher U 234-8100
3228★Thomas Anthony R 232-8151
3229 Hoffhines Harold W ◎ 234-2966
3230★Schoover Bill T
3232★Lee Jung Pil 236-4610
3234 Vacant
3236 O'Shea Michl L 232-0754
3237 Reynolds James M 232-1748
3238★Kennedy Thos J 233-0299
3240★Newbrey Cath R 231-9380
3242★Ho Dung Dac 233-2713
3244★Little Gerald A 233-1259
3246★Said Kyiar 232-2014
3248★Bullock C
3250★Wilson Michl 230-4888
3252★Hanhel Martha Mrs 232-9848
3254 Vacant
3256 Vacant
3258 Cuff Timmon
3260 Warkentin Richd H 236-3733
3262★Grismer L 230-1576
3264★Kreick Thos A 230-9218
3266 Iles Susan L 239-0665
SE 33D AV INTERSECTS
3342 Carnation Co dairies 232-2131
SE 34TH AV INTERSECTS
3421 Vacant
3422 Stahlin Bill 235-6449
3428 Smith Dennis D ◎ 234-9084
3429 Millan Aristeo A 236-6273
3435 Danaher K Michl 239-5407
3436 Seaquist Albert L ◎ 232-8431
3442 Alexander Steven J 233-0002
3449 Wright Le Roy

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SE 35TH AV INTERSECTS
3505 Apartments
1★Burton Evan 233-4628
2 Santistevan Ed
3★Lellman Bruce
4★Brices Gila
5 Green
6 Vacant
STREET CONTINUED
3519 Neubarth Oswald H ◎ 235-3940
3525 Vacant
3526★Kite B H 293-2334
3534★Snedeker Phyllis M
3535★Vidal C 239-0643
3540 No Return
3543 De Fehr Robt H ◎ 232-3883
3546★Jolly Diane L adv & tech copywriter 230-9319
★Bleything Dennis H adv & tech copywriter
3550 Dale David B calligraphy ◎
3551 Bohomolow Mykola 232-4894
3558★Van Rysuk Vicky J 238-7039
3559 Vacant

MEMBER S.I.P.C. AND N.A.S.D.
Riviera Plaza, 1618 S.W. 1st Av., Suite 405 Tel. 241-7750

NE 10TH AV—Contd
5845 No Return
5853 Slaughter Dorothy J Mrs
5900 Toban Richd E @ 282-2933
5903 Rouzie Albert D 282-1851
5910 Mills Thomas J @ 287-5743
5918 Strong Robt K 284-0331
5919 Vacant
5930 Mc Daniels James @
5931 Smith Gorman R @ 286-4196
5946★Mainzer Paul A @ 281-8347

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ZIP CODE 97211
NE AINSWORTH ST INTERSECTS
6024 Thorstad Gaile 288-0455
6025 Vacant
6032 Ford Robt L @ 288-3815
6033 Jones Vincent A @
6104 King Richd C @ 281-5608
6107 Hinman Jeffrey L
6112 Hampton Roosevelt @ 281-6582
6115 Robinson Willie L @ 282-5498
6120 Vacant
6125 Vacant
6130 Swain Jas L @ 288-3147
6131 Reed James N @ 284-7180
6204 Govan Orisdean D Mrs @
6205 Vacant
6216 Vacant
6217★Benton Randolph 249-0457
6220 Vrister Larry D
6227★Trotman H J 287-8152
6235 Mc Carann Pat @ 282-7044
6236 Livesay Jacqueline
6243 Gordon Brenda A Mrs
6244 Zwahlen John S @ 282-6715
NE HOLMAN ST INTERSECTS
6324 Vacant
6332 Galbert Fannie L Mrs @
6333 Webster Jack D @ 282-2852
6344 Pruitt Caroline Mrs @
NE HIGHLAND ST INTERSECTS
6401 Church Of The Living God 284-5171
6404 Robin S
6414 Smart Minna O Mrs @ 281-1728
6424 Cummins Charles R 287-3016
6431 Vacant
6436★Harper T @ 280-1025
NE PORTLAND BLVD CT INTERSECTS
6457 Cook Willis @ 282-2166

174
NE PORTLAND BLVD INTERSECTS
NE DURHAM AV INTERSECTS
NE MADRONA ST INTERSECTS
7002 Hendrix Doris Mrs @
7010 Snell Kenneth 289-3980
7018 Carr James R
7028★Gullickson David 285-1607
7037 Davis Joseph @ 283-2828
7102 No Return
7110 Blockson Tommy L @
7115 Vacant
7122 Sartin Joseph L @
7127 Vacant
7133 Hughes Clara M Mrs @ 285-1444
NE BUFFALO ST INTERSECTS
7205 Tryon Arth E @ 285-1815
7206★Rose Mary @ 285-9537
7215 Jackson Ethel Mrs @
7216 Derring Petra A Mrs @ 285-3823
7224★Kawana Vincent
7225 Winters Newt @ 289-6486
7235 Demps Ruth @ 289-7457
7236 Brame Herman L @ 289-2587
7244★Brame Rickey M 285-2368
NE HOLLAND ST INTERSECTS
NE STAFFORD ST INTERSECTS
7405★Gumbert Michl @ 289-2312
NE BALDWIN ST INTERSECTS
7666 Vacant
NE COLUMBIA BLVD INTERSECTS

922
10TH AV NW —FROM 1001 W BURNSIDE ST NORTH

ZIP CODE 97209
10 Vacant
NW COUCH ST INTERSECTS
100 Armory Automotive Service Inc body repr 227-6168
137 Blitz-Weinhard (Addl Sp)
138 Great American Car Stero radio equip sls & serv 221-7768
NW DAVIS ST INTERSECTS
205 Metro Graphics lithoprntrs 223-2988
206 Walker Electric Inc mtrs & generators sls & repr 226-6828
213 Hydraulic Outfitters Inc hydraulic equip distr 223-5345
221 Downtown Auto Repair 227-4833
222 Cosmopolitan Graphics coml artists 226-3902
Signs screen-sign prntg 227-7378
229 Acme Finishers elec appl refinishing 223-7807
230 Thompson D M Inc genl bldg contr 228-1967
235 Dinihanian M E & Sons (Stge)
NW EVERETT ST INTERSECTS
300 J R's West tavern 224-1482
301 Specialty Auto Glass Co 227-1224
312 Old Buddhist Temple Bldg Floors
BSMT Vacant
FL Martin & Matteson archts 228-8501
315 U S Natl Bk (Equip Repr) 225-5196
322 Dehen Knitting Co (Addl Sp)
327 United States National Bank (Purch Dept) 225-4421
330 Dehen Knitting Co (Addl Sp)
NW FLANDERS ST INTERSECTS
404 Dehen Knitting Co 222-3871
430 Impressions West printers 222-1227
Graphics Portland Inc 248-9656
Paragon Printing Service 228-2660
435 Stearns Art Tires West dlrs 223-6193
NW GLISAN ST INTERSECTS
509 Vacant
525 Vacant
539 Vacant
NW HOYT ST INTERSECTS
630 Howell R B Co crafts & art wks 227-3125
Howell's Creative Craft Center Inc 227-3125
NW IRVING ST INTERSECTS
720 Rapid Transfer & Stge Co whse

180
10TH AV SE —FROM 1001 E BURNSIDE ST SOUTH

ZIP CODE 97214
6 Total Performance Converters auto parts ret 233-4440
10 Store Fixtures Liquidators store fixtures 236-1437
30 Vacant
SE ANKENY ST INTERSECTS
SE SANDY BLVD INTERSECTS
222 Vacant
SE PINE ST INTERSECTS
SE OAK ST INTERSECTS
404 No Return
406 Mc Allister Lorraine Mrs
410 Van Bay Thi 232-5702
412 Koroch Karl 231-0898
418 Borich Richd J 239-5180
420 Vacant
421 Allen Dwight F coml artist 232-9524
Portland Postal Employees Credit Union 235-3128
SE STARK ST INTERSECTS
SE WASHINGTON ST INTERSECTS
636 United Salad Co Inc whol produce dlrs 232-7175
SE ALDER ST INTERSECTS
715 Vacant

232
SE MORRISON ST INTERSECTS
800 Perfect Fit Mc Donald Inc upholstery supplies 234-9325
813 P M X Inc rebuilt alternators & starters 235-7603
SE BELMONT ST INTERSECTS
915 Bar-Tur Food Inc whol gro 234-5739
921 Gatto & Sons addl sp
927 Gatto & Sons whol fruit and prod 235-5589
940 Fazzio Fruit & Produce Inc sls 233-7121
1000 Fujii Edward H produce dealer
SE YAMHILL ST INTERSECTS
1019 National Builders Hardware Co 233-5381
1030 Kibe Massy Produce Co whol 234-2118
Wilson Produce wholesale
SE TAYLOR ST INTERSECTS
1127 Oregon Brass Works 232-7121
1138 Air Filter Sales & Service Inc air filter sls & servs 233-5101
SE SALMON ST INTERSECTS
SE MAIN ST INTERSECTS
SE MADISON ST INTERSECTS

240
SE HAWTHORNE BLVD INTERSECTS
1513 Tony's Cafe
★Cantu Antonio
REAR No Return
1525 Vacant
1532★Keeney Ben
1532½★Patino Leo
1534★Lee J E
1534½ Vacant
1536★Lapperty Ken
1536½ Tallard S H
1538 Vacant
1538½★Hessler Wendy
1636 Metro Sweden Freezer Sales 233-8737
SE CLAY ST INTERSECTS
SE MARKET ST INTERSECTS
1610 Primary Parts Service & Equipment 231-0899
1614 Portland French Bakery Ltd 231-0391
1632 Condit Studio Inc 232-7723
1711 Burke Engineering Co 239-9409
1720 Penney J C Serv Cntr (Whse)
1721 Custom Hospital Supplies 231-9663
1731 Consumers Electronics Marketing Co 230-1880
1741 Associated Medical Services Inc phys & hosp sup 238-4774
SE MILL ST INTERSECTS
1810 Merchants Riverview Delivery Co 233-4721
Merchants Leasing Co truck & auto 232-7141
1825 Tri-Power Re-Manufacturing electrical parts 231-6630
1835 Fabric Art 232-5510
★Lutz Stephen M 232-5510
Gordon Edw A 232-2774
SE STEPHENS ST INTERSECTS
1906 Mechanic Truck Body Div 232-7276
SE HARRISON ST INTERSECTS
2000 Vacant
Vacant
2004 Vacant
2012 Apartments
1 Flores Grace
2 Paine W A
3 Judie J T Rev 239-4616
4 Oser R
5 Brandenburg Bernice
2015 Data Distributors 231-7533
2025 Pioneer Crematorium 232-5100
Pratt Mortuary Service 232-5100
2035 Pratt Douglas B 238-4408

933
SE LINCOLN ST INTERSECTS
2108 Vacant
2100 A A Plating Inc 238-5717
2110 Western Information Supply Co word processing sup sls 231-9806
2129 Granten Apartments The 233-6738
1★Goodwin Bernard 235-0973
2 Goodwin Wm
3 Goodwin Priscilla Mrs 235-5683
4 Harsha Anne E 233-6738
5★Bui Thanh V 234-6196
6★Huynh Thi Van
7★Allen David
8 Jackson Virgil
9★Goodwin Bill 236-2643
10★Shaw Keith
11 Johns Lloyd C
12★Baker Victor
SE GRANT ST INTERSECTS
SE SHERMAN ST INTERSECTS
ZIP CODE 97202
2226 Emmerling John G photog 236-9301
Vision Photographic photog 231-4811
2318 General Threaded Products Co whol screws 234-5248
2325 Pony Express Courier Corp del serv 238-2943
2326 Vacant
2332 Vacant
SE CARUTHERS ST INTERSECTS
2410 Total Mechanical Inc contr & eng 239-8121
2413 Jordan Irvin @ 235-3018
2430★Dorsi Alexis 231-4141
2434 No Return
2435 Coast Industrial Supply Co Inc industrial fasteners 233-7773
2441 No Return
ZIP CODE 97202
2920 Rub-A-Dub Car Wash 236-8022

276
SE POWELL BLVD INTERSECTS
SE BROOKLYN ST INTERSECTS
3030 A-Line Equipment Co automotive-petr equip sls-serv 233-5464
Apeco Sales fcty agts 233-5467
3033 Vacant
3035★Guldan Maria 236-5474
3036 Andreakos Saml R 234-4649
3041 Meigs Richd J @ 232-8785
3044 Spurger Kathy K @
3100 Vancura F S 239-6531
3101★Drankow Ava 233-1427
3111 No Return
3112 Haslam Eliz M Mrs @ 235-2226
3116 Breazeale Mary S Mrs @
3117 Bell W D
3121 Feller Anna Mrs
3126 O'Connell Patk R @ 233-1780
3127 Hubach Alice Mrs @ 234-4234
3202 Vacant
3204 Tate Lydia A Mrs @ 234-4657
3207 Baker John A @ 233-3723
3215★Landes N 233-7085
3216 Kleffner Oletha M Mrs @ 236-0526
3217★Larsen C 239-9859
3224 Lakomecki Robt M @ 232-4903
3229★Mc Roberts Wm T 236-0162
Palmer Mary L Mrs
SE FRANKLIN ST INTERSECTS
3305 Siler Richd 232-7971
3309★Young Norman R 236-9252
3320 Fedor Geo M @
3324★Milestone Kenneth 232-6066
3325 Farrell Michl D @ 236-0292
3334 Weed Gregg T @
3339★Jacobsen Dana 235-0576
3340 Dally Eliz @ 236-4302
3343 Vacant
3355 Dirks Vickie L Mrs
3371 Keithley Herbert H @ 236-3776
3381 Farmam Bruce @ 232-3794
3385 No Return
3387 Swanson Frank W @ 235-0416
3395★Conner Earl 231-7318
3399★Ingels Frank B 239-6971
SE HAIG ST INTERSECTS
3403 Vacant
3407★Lamson E A
3410 Reynolds Elmer L Jr @ 235-3480
3421 Heiberg Brian 236-1425
3424 Apartments
1 Vacant
2★Harpster Desmond J 232-0347
3 Douglas Rita J
4 Bioncone J
3430★Mac Leod Danl 233-1209
3431 Soderquist David @ 235-2520
3440 Brisindi Ann Mrs @ 236-7692
3443★De Weese Thelma N @
3448 Vacant
SE RHINE INTERSECTS
3507 Koppelamn Paul D @ 236-5922
3508 Smith Leah 231-1828
3514 Gott Leonard D @ 236-3630
3520 Eckton Robt C @ 234-7705
3521 Koenekamp Dale L @
3529 Rowe Maryellen @ 235-7484
3603★Colbert Rosalie @ 232-4890
3606 Vacant
3613 Hoover Harry L @
3614 Corbett Sharley M Mrs @ 232-6081
3622 Corbett C Richd @ 238-0518
3625 Read S I 235-6010
SE RHONE ST INTERSECTS
3702 Riordan Joseph G @ 236-3543
3706 Fogleman Wm J 238-1539
3711 Klingforth Edw J @ 235-3482
3718★Keller Wm @ 236-1680
3723 Gregg R Wesley @ 236-3691
3726 Guyer Saml T @ 236-8198
3735 Blue Wm A @ 232-1287
3740 Guimont Delmer P @
3745 Robirds Rich L @ 238-7156
3748 Cushing Mark
3750★Scherzinger Albert J 231-2526
3755★Guimont Alan
3758 Tsukuda Ernest @ 232-0485
3766 Isara Soshi Mrs @ 239-0471
3767 Doerfler Theresa K Mrs @ 232-3068
3775 Kaiser Andrew @ 232-7682
3778 Bochaler James J @ 234-8907
SE BUSH ST INTERSECTS
3805 Scherzinger John A @ 236-9765
3806★Mc Mahon J @ 236-4883
3813 Klein Eug D @
3818 Schmunk Herbert bldg contr @ 236-7535
3823 Crater Kathleen M @ 235-5158
3830 Dallas Stanley A @ 232-1458
3903 Kurtzbein Wm 232-5864
3908★Ham Debbie 233-7391
3915 Harvey Henry L @ 232-3094
3918 Bueche M A @ 238-9661
Vacant
SE CENTER ST INTERSECTS
4003 Feltz Jas P @ 232-6855
4006★Summers Ronald Jr 234-1418
4008★Pierce Ronald H 231-7004
4013 Graves
4014★Dunning Kenneth 236-3462
★Pfenning M 236-4681
4016 No Return
4018 Mysiewicz A M
4020★Hyatt Denise 233-4192
4024 Berry Russell J @
4025 Dulcich Thos V @ 238-0669
4105 Wager Eliz J Mrs @ 232-6817
4106 Miller Robt A @ 231-6417
4115 Mc Gann David J @ 235-6415
4116 Gourneau Ernest @ 236-3462
4122★Mc Allister Jean 234-4566
4123 Pfeffer Harold F @ 233-0065
SE BOISE ST INTERSECTS
4214 Jue Chong @ 235-3572
4223 Gallagher Robt F @ 231-4008
4224 Kiefel R J Remodeling 239-4838
Kiefel Richd J @ 235-9313
4235 Manus Marie C Mrs @ 232-4593
4236 Blank Joe @ 235-2646
SE CORA ST INTERSECTS

332
SE LINN ST INTERSECTS
8835 Ford L
8843a Vacant
8843b★Simpson John H 236-6736
8851a★Armstrong Edw L 235-2093
8851b Noraine Gordon L 238-2768
8852 Apartments

1201 S.E. 3rd AV. PRINTING PAPER SPECIALISTS WHOLESALE ONLY CALL 233-5131
4310 N.E. Hancock Typewriters • Calculators • Office Furniture Tel. 288-5391 or 288-0281

2610 S.E. Hawthorne Boulevard at 27th Avenue

NE 11TH AV—Contd
NE ALBERTA ST INTERSECTS
5016 No Return
5016 No Return
5028 Preston Kelley D Mrs
5034 West Joyce
5035 Lazenby R 284-7391
5041 Manning Aline Mrs
5044★Cooper John ©
5048 Vacant
NE WEBSTER ST INTERSECTS
5109 Finkbeiner Virgil © 281-7458
5121 Vacant
5129 Blake Florida J Mrs

150

NE SUMNER ST INTERSECTS
NE EMERSON ST INTERSECTS
5304 Vacant
5305 Vacant
5310 Darnell L
5311 Vacant
5321 Low Hilda M Mrs © 284-1666
5322 Vacant
5403★Moxley Paul E 284-7190
5404 Every Mary Mrs 281-8482
5416 Stankovich Geo © 287-7605
5424 Redmer Philip R 282-1571
NE KILLINGSWORTH ST INTERSECTS
5504 Wisner Claudia Mrs
5514 Vacant
5515 Vacant
5516 Vacant
5525 Harrington Alphine Mrs 287-2848
5526 No Return
NE CHURCH ST INTERSECTS
5604 Brewster Francis L ©
5605 Hughes Esther I Mrs © 281-3101
5614 Bryant Rozell E Mrs ©
5615 No Return
5617 Watson Cheryl 287-2509
5623 Youngblood Betty J
5624 Goodlowe Donna F
5634 Vacant
5635★Marshall Kenneth © 284-5846
5704 Peuitt Barbara A Mrs
5705 Denton Ester M Mrs © 287-0041
5712 Vacant
5715 Brannon James H © 281-9039
5724 No Return
5727★Calhoun Henry © 284-6397
5732 Lowe Ross ©
5735 Bryant Ada L Mrs © 287-5128
NE JARRETT ST INTERSECTS
5804 Vacant
5805 Harris Bobby R © 287-9863
5814 Erickson Inga L Mrs © 284-8501
5815 Metzenberg Ernest W © 284-7661
5824 Pietrowski Ersia L Mrs © 284-9864
5825 Molden Allan D
5835 Foxx Charlie B 281-6555
5840 Wadsworth Margt E Mrs © 281-8122
5845 Vacant
5846 Vacant
5852 Traverso Andy S © 249-0063
5901 Sorber Edna M artist © 287-0257
5902 Bradwell Melinda H Mrs © 288-9662
5910 Vacant
5913 Vacant
5919 Randolph Robbie S Mrs © 287-1882
5922 No Return
5932 Head Wm M ©
5933 No Return
5948 Vacant

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ZIP CODE 97211
NE AINSWORTH ST INTERSECTS
6023 Stein David M © 288-7643
6026 Mc Collum Cecil Jr © 249-0139
6035 Smith Thelma © 281-7538
6036 Dooney Robt G © 284-2765
6106★Kelly C © 284-9652
6107★Dukes Glenrose M 281-6287
6112 Ca-Sun Solar Mechanical mechanical contr 287-1622
C H Two A & Associates busn consultants 287-1620
6113 Sampson Charles
6124 Williams Harold C © 287-3483
6125 Warren J T © 287-3549
6135 Boom Ted M 284-6539
6204 Fowlkes Kim E Mrs
6205 Wolf Helen B Mrs © 288-4205
6215 Downing K 282-1931
6216 Barber Milton
6225 Smith Ethel Mrs © 287-6380
6226 Stevens Leanne ©
6235 Bertruchi Miriam F © 288-1977
6243 Vacant
6244 Johnson Oscar © 284-5962
NE HOLMAN ST INTERSECTS
6305 Webster Yvonne C Mrs © 281-8586
6310 Gordon Geo 284-0033
6323 Vacant
6330 Precision Metal Craft 249-1939
6337 Crombie Edith M ©
6347 Lecher Richd J © 284-3733
6415 Greenwell Glenn H ©
6419★Adams Glenda K domestic wkr 284-0035
NE DURHAM AV INTERSECTS

174

NE ONEONTA ST INTERSECTS
7011 Vacant
7021★Coleman Jeannette 285-8216
7029 No Return
7037 Smith Homer
7045★Miller Evelyn 285-8216
7105 Vacant
NE BUFFALO ST INTERSECTS
7200 Woodlawn School 289-8839
7205★Alcantara Raul S 285-3031
7215 Wilborn Thos Jr 285-9030
7225 Bagley Nedra I 285-8262
7235 Vacant
7253 Manlove Michl R ©
NE HOLLAND ST INTERSECTS
7305 Woodruff Susan M Mrs
7311 Williams Earl M ©
7329 No Return
NE STAFFORD ST INTERSECTS
NE LOMBARD ST INTERSECTS
NE LOMBARD PL INTERSECTS
7500 Friction Supply Co Inc brake mfg 283-4165
NE RUSSET ST INTERSECTS
NE BALDWIN ST INTERSECTS
7606 Pacific Northwest Equipment Inc 283-3388
7642 Kinoshita Joe M © 285-2336
NE COLUMBIA BLVD INTERSECTS

358

8101 Matlack Inc trucking co 285-3691

922

11TH AV NW —FROM 1101 W BURNSIDE ST NORTH

ZIP CODE 97209
24 Nelsen Tire Warehouse Northwest 228-4415
NW COUCH ST INTERSECTS
N W DAVIS ST INTERSECTS
222 Kelly R H Co whse
NW EVERETT ST INTERSECTS
308 American Fabric Co 222-3665
Western Seat Cover Co 222-9171
315 Lanier Brugh Inc mail transport 227-7474
318 Eagle Graphics trade prntrs 223-1772
334 Dunn-Edwards Corp wallcovering distr 228-0173
NW FLANDERS ST INTERSECTS
403 Word Works Typographics Co typesetting 227-1475
415 Hick-Chatten Engraving photo 228-9686
418 Pacific Trailways (GAR) 223-7648
NW GLISAN ST INTERSECTS
530 Speedometer Service & Instrument Co speedometer & installation 227-5567
535 Stevens Jim Auto Body 224-6106
537 North Pacific Sign & Design 228-4999
NW HOYT ST INTERSECTS
730 Cascade West Transportation Brokers 241-1315
800 Vacant
810 Nutri Flow Inc 224-9059
Baler Equip Group Inc hyd balers-recycling equip 224-9059
901 Vacant
930 B N Transport trucking co 227-3579
NW LOVEJOY ST INTERSECTS

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11TH AV SE —FROM 1101 E BURNSIDE ST SOUTH

ZIP CODE 97214
15 Store Fixtures Liquidators (Annex)
17 Store Fixture Liquidators (Annex)
55 B B T Goodyear tire dlrs 239-4874
SE ANKENY ST INTERSECTS
SE SANDY ST BLVD INTERSECTS
106 Goodyear Wholesale Tire Center dlrs 234-5364
123 Twelfth Fret Guitar Shop 231-1912
124 Associated Hose Products Inc 232-0245
125 No Return
SE ASH ST INTERSECTS
211 Vacant
221 National Telephone Co 230-0448
Sakamoto Scott Designer graphic designer 232-6225
Troy Laundry Studios
Hathay Nance
SE PINE ST INTERSECTS
330 Saint Francis Of Assisi Rectory 232-5880
★Roerig Peter Rev 232-5880
SE OAK ST INTERSECTS
417 Republic Distributing whse distr auto parts 231-2675
425 Cystic Fibrosis Foundation 231-4015
SE STARK ST INTERSECTS
523 Vacant
SE WASHINGTON ST INTERSECTS
602 Day Charles H Company Inc tools 232-1659
603 Vacant
622★Bickle Wm L 236-5961
630 Greenwald Violet M Mrs © 232-1374
635 Freeway Transport Co 233-5766
636 United Bearing Co sls ofc 235-6631
SE ALDER ST INTERSECTS
708 G A Investment (Annex)
711 Melcliffe Court Apartments 232-8916
A★Crone Bart 233-5655
B Dess Leo E 236-7562
C Mc Bride Eliz J 233-9021
D★Clough
1 Craig Rose H 236-1031
2★Doncaster Ralph 234-2060
3 Gillespie Francis J 234-4942
5★Torres F
6 Spring
7★Kosch Blanche 234-5163
21 O'Donnell Lura 234-4048
22 Negrevski
23 Zaharako
24 Nunn
25 Carrington Robt W
26 Campbell Patti
27 King
31 Phillips M L 235-4493
32 Kay Jessie M Mrs 234-4278
33 Yazzolino Ernie
34★Dameter F
35 Lundstrom Geraldine 236-0718
36 Russell Dorothy M 235-6883
37 Wilson
41 Redding Geo E 232-6524
42 Morse Harold L 234-5163
43★Crosby Doug A 236-1720
44★Mc Carney M E 236-2258
45★Kendall L M 231-9262
46★Nault R
47★Arellano Patty 236-1173
101 Byhre
102 Bradley
103 Harshbarger Joyce
104 Finger Norman F 235-2205
105★Mills C L
106 Chung Francis 233-0265
201 Misetich
202 Petersen
203 Vacant
204★Yazzolino S
205 Fraas
206 Anderson Alice M 236-1046
301★Lewis C F 239-6993
302 Major Alice
303 Mc Hargue
304 Slater
305★Johns W
306 Stiefbold Carl 233-2027
402★Mills Lee 230-0883
403 Vacant
404 Vacant
405 Magnuson
406★Mecum D
STREET CONTINUED
716 U S Dept Of Agrl (Child Nutrition Program) 238-4320
U S Dept Of Agrl (Child Care Coordinating Council) 238-4320
U S D A (Child Care Information & Referral) 238-0918
720 Hare Doktor V W Service 238-4736
728 Andrews James E archt 239-4387
★Andrews Martha P Mrs archt
735 Vacant

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SE MORRISON ST INTERSECTS
SE BELMONT ST INTERSECTS
944 Vacant
951 M & R Pacific Inc prod merchants 234-6507
Gardeners & Ranchers Associates 231-2911
Najdek Produce Co Inc 232-8281
1010 Rodgers Co Wholesale 233-4638
1020 King Of Sprouts prod 231-5705
SE TAYLOR ST INTERSECTS
SE SALMON ST INTERSECTS
1206 Oregon Air Tool Inc power tools sls & servs 234-0761
SE MAIN ST INTERSECTS
SE MADISON ST INTERSECTS

240

SE HAWTHORNE BLVD INTERSECTS
1520 Vacant
1536 Delano Photographics & Northern Light Studio coml 236-2139
SE CLAY ST INTERSECTS
1601 Cascade Electronics-Microwave Oven Service consln eng 233-7739
1611 Recknor Richd L chiropractor 236-1304
Overvold Peter chiropractor
1612 Hing Leah © 232-1917
1616 Vacant
1629 Clock Associates designer eng 234-0201
Machine Products Inc 234-0201
1632 Royal International Corp diesel air components re-mfrs 233-8637
SE MARKET ST INTERSECTS
1700 Business Equipment Bureau Inc ofc sups & equip 233-6182
1727 Larson Automotive Machine Shop 233-5949
1731 Portland Engine Rebuilders 230-1276
SE MILL ST INTERSECTS
1800 No Return
1812 Vacant
1816 Hunter James
1820 Apartments
1 Vacant
2 Vacant
3 Vacant
4 Shumard Karl W
1832 Ruth Thos 235-1953
SE STEPHENS ST INTERSECTS
1901 Hartley & Zuercher Battery & Elec Serv Inc truck repr 232-6374
1918 Marx Leanna
1922 Vacant
1923 Vacant
1925 Vacant
1927 Vacant
1932★Hall Marian S 234-7869
1937 Jolly Inn tavern 234-7869
SE HARRISON ST INTERSECTS
2000 Wagner Industrial Inc ind sups 233-5177
2001 Vacant
Gatto Antonio © 235-5034
2005 Vacant
2006 No Return
2007 Fowler Charles E
2008 Ernie's Sanitary Barber Shop 236-8059
2014 Dennis Geo E © 233-5177
2015 Renu Distributors filter cleaners 231-7028
2019 Superstein D 236-1321
2023 Weiker Raymond 234-8578
2026 Vacant
2★Smith Kim E 234-1588
2032 Moore Lonnie 236-0014
2034 Brennan M
2036★Bruneav Kenneth 238-0814
2038 Vacant

933

SE LINCOLN ST INTERSECTS
2112a Vacant
2112b★Levine Lance
2118a★Johnson C 231-0197
2118b Black Randy 234-1072
2119 Steamatic Carpet & Furniture Cleaning 231-4984
2123 Mc Kees Biluana
2124 Chau Phuoc 239-0772
2128 Louie Shui K Mrs 235-1160
2131 Vacant
2133 Vacant
2139 Frank James V Genl Contr genl contr 232-2767
SE GRANT ST INTERSECTS
2201 Hogan Phil Sheetmetal Co 232-6766
Mister Sandman Wood Floors 238-1034
2204 Fousie Michl S 238-1661
2214 Hartney Dennis P 238-0883
2224 Hall Hazel V © 232-1442
2234 Byrd Wayland © 236-0234
2235 Regal Manufacturing Co bldg mtls 230-0444
SE SHERMAN ST INTERSECTS
2303★Foe Darl 234-6399
2306★Mirelez Evaristo 239-6953
2311 Vacant
2312★Schilling Linda S
2321 Vacant
2324 Western Information Supplies Co micro computer sup sls 231-9806
2328 No Return
2329★Siler Virginia © 232-8692
2335 Makinica Fred E © 238-0710
2338 No Return
SE CARUTHERS ST INTERSECTS
2405 No Return
2407★Rose Harold E Jr
2408 Fazio David E © 235-5160
2415 Performance Typesetting 238-4777
2419 Dataform Inc prntrs 239-7211
2429 Candy Basket confections mfg 239-4447
2432 Century Litho Inc 233-2458
2435 Vacant
2442 No Return
2455 Alpha Paper Products & Systems Inc paper prod als 231-4883
SE DIVISION ST INTERSECTS
2505 County General Services (Purchasing Section) 248-5111
2536 Binford & Mort Publishing book publisher 238-9666
CLINTON INTERSECTS

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TEL. 230-2300
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Portland, OR 97232

SE 12TH AVE 1985

MEMBER NEW YORK STOCK EXCHANGE TELEPHONE 241-7020

NE 12TH AV—Contd
4322★Smith B L 249-8206
4323 Jackson Henry W © 287-5849
4406 Le Tourneux Carol J Mrs © 281-7349
4407 Johnson Ida C Mrs © 284-3430
4415 Saville Beatrice ©
4420 Apartments
1 Vacant
2★Irving Leonard 284-0089
3 Vacant
4 Tillman

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NE PRESCOTT ST INTERSECTS
4514 Vacant
4515 Hess Emily
4524 Vacant
4534 Vacant
4537 Benson Vivian L Mrs © 284-5671
4542 Olliff Jeff @ 281-1581
NE GOING ST INTERSECTS
4621 Cannon Robt © 287-6551
4704 Cohen Erma R Mrs © 287-2015
4715★Barghouti Raed © 284-0815
4716 Rochell John L © 281-3006
4724★Kimmons Kim
NW WYGANT ST INTERSECTS
4801★Wind Susan 284-0047
4808 Kibel Laney © 282-1465
4815 Vacant
4822 Wolfington Jarold E ©
4823 Wells Lonnie © 287-8303
4831★Nacoste Kath
4832★Hill Betty 287-3787
4840 Lester Steph P ©
4848 Oldani Mark L ©
4849 Jesse Joseph H ©
4856 Baxter Denise Mrs
NE HUMBOLDT ST INTERSECTS
4903 Vacant
4904 Wexler Joseph D
4910 Fronsgard
4911★Lewis Ronald
4921 Vacant
4926 Vacant
NE ALBERTA ST INTERSECTS
5017 Ryan Theresa M © 284-1077
5020★Martin R © 282-7111
5026 Cox Patricia Mrs
5027 Brooks Jerry ©
5035 Vacant
5036 Montgomery Arth J
5043 Meyers Gail R Mrs © 284-2314

150
NE WEBSTER ST INTERSECTS
NE SUMNER ST INTERSECTS
NE EMERSON ST INTERSECTS
5302 Vacant
5312 De Haven Alberta M Mrs ©
5323 Vacant
5324 Vacant
5403 Loran Jacob P © 284-3843
5406 Daniels James H
5420 Cole Fred D 288-8665
5430 Brown John C
NE KILLINGSWORTH ST INTERSECTS
5505 Vacant
5507 Schultz Dawn
5509 Vacant
5514 Guiso Josephine E © 288-4729
5524 Widen Marie Mrs © 282-1365
5525 Trull Nora E Mrs © 281-0152
NE CHURCH ST INTERSECTS
5605 Wester Arthur E ©
5614 Vaughn Kenneth A
5615★Turner Mary © 281-1057
5624 Riggins Victor B
5625 Vacant
5634 Vacant
5635 Humphrey Andrew ©
5702 Still Michl A ©
5707 Roberts Ira D © 287-8248
5715 Vacant
5716 Green Mildred R Mrs
5718 Vacant
5723 Vacant
5724 Cedar John L 287-7334
5733 Daniels Clemmie J Mrs ©
5734 Thomas Saml L ©
NE JARRETT ST INTERSECTS
5815 Sloan Stuart S © 282-0253
5823★Rapkin Eliz R © 282-2190
5824 Davis John © 284-2416
5832 Vacant
5835 No Return
5843 Marlett Miles A © 287-7616
5844 Smith John ©
5848 Mc Dowell Herman L © 287-9980
5851★Fowler Robt C 287-9394
5901 Willimson Frank © 281-9175
5910 Koenig V K Sunni Mrs ©
5917 Anderson Andrew ©
5920 Jones Gilbert B ©
5924 Vacant
5925★Browner Tommie L 284-1302
5926★Vacant
5928 Vacant
5931 Wheeler Andrew
5936 Brander Suzy
5938 Bosson Steph A

168
ZIP CODE 97211
NE AINSWORTH ST INTERSECTS
6025 Ford Isabel 288-9032
6026 Caus Michl W
6034 Carter Irene M Mrs ©
6035 Robinson Geo A © 287-1813
6101 Reid Phillip J
6102 Joondeph Robt C 249-0800
6117 Pace Theo J ©
6126 No Return
6127 Vacant
6138 Harden La Wanda 281-0499
6204 Randolph Alf © 284-1540
6207 Vacant
6214 Moore Emmett T 287-3952
6217 Vacant
6224 Vacant
6225 Childers Fern
6233 Driscoll Vincent A Jr ©
6234 Christian Theresa M ©
NE HOLMAN ST INTERSECTS

174
NE HOLMAN ST INTERSECTS
NE BUFFALO ST INTERSECTS
7220 Johnson Michl © 286-2275
7232 Wilson Pearl M Mrs
7252 Montgomery W
NE HOLLAND ST INTERSECTS

932
12TH AV NW —FROM 1201 W BURNSIDE ST NORTH

ZIP CODE 97209
NW COUCH ST INTERSECTS
135 Blitz Weinhard Co (Stge)
NW DAVIS ST INTERSECTS
NW EVERETT ST INTERSECTS
305 West Ridge Designs whol sptg gds 248-0053
312 W Bearing & Pts (Addl Sp)
316 Jobbers Service Co whol auto sup 227-6605
317 Jobbers Service (Whse)
323 Mc Coy Door & Hardwood Co 223-7271
351 Mc Coy Door & Hardwood Co (Stge)
NW FLANDERS ST INTERSECTS
408 Lang-Senders & Co food brokers 226-2448
Ask US Furniture Sales ret sls 222-9351
NW GLISAN ST INTERSECTS
512 Tradewind Industries food storage 228-5252
520 Coffee Time Cafe 223-5995
522 Northwest Artists Workshop 220-0435
528 Vacant

13
NW HOYT ST INTERSECTS
610 Brosterhouse Coleman & Co custom bondage whse 221-1012
630 Vacant
720 Oregon Transfer Co (Parking Lot)
NW IRVING ST INTERSECTS
NW JOHNSON ST INTERSECTS
800 Moore Company The appl distrs 221-1600
NW KEARNEY ST INTERSECTS
905 Eoff Electric Co 222-9411
925 Construction Data & News newspaper publ 225-0200
935 Office Building
Rooms
FLOORS

934
NW LOVEJOY ST INTERSECTS
NW MARSHALL ST INTERSECTS
NW NORTHRUP ST INTERSECTS
1233 Power Transmission Products Bldg 227-1271
Rooms
101 Power Transmission Products (Annex)
102 Power Transmission Products (Annex)
201 Power Transmission Products 227-1271
205 Garland-Affolter Engineering Corp mfrs agts 223-7349
206 Power Transmission Products (Corporate Ofc) 227-1272
207 Power Transmission Products (Stge)
210 Lorillard P Co (Stge)
212 Lorillard P Corp sls div 228-3439
213 Lorillard P Co
214 Lunch Rm
220 Portland Iron Works (Bkpg Ofc) 227-1272
NW OVERTON ST INTERSECTS
1301 Cascade Fleet Mtce & Repr Inc truck repr 228-2031
Golby Bag Co 292-3243
1333 Golby Bag Co burlap & poly mfg 228-7416
NW PETTYGROVE ST INTERSECTS

180
12TH AV SE —FROM 1201 E BURNSIDE ST NORTH

ZIP CODE 97214
SE ANKENY ST INTERSECTS
101 Vacant
113 Lewis
114 Vacant
121 Vacant
127 Apartments
1★Nevue P 231-5631
B No Return
C★Norris Mary A
128 Apartments
1 Vacant
2★White David W
3★Hugheley Martin
129 Vacant
134 Sigas Tasos © 232-5901
135 Trepanier Edgar 238-0596
SE ASH ST INTERSECTS
201 Hippo Hardware & Trading Co hdw 231-1444
211 Hippo Hdw & Trading addl sp
212 Technical Electronics Inc 233-7575
213 Hippo Hdw & Trading addl sp 231-1444
231 Catholic Family Services 231-4866
234 Moore's Audio Visual Center Inc 233-5621
SE PINE ST INTERSECTS
303 Saint Francis Of Assisi Catholic Church 232-5880
310 Maryatt Industries industrial lndry 233-2446
SE OAK ST INTERSECTS
400 Frau Hergert's German Restaurant & Deli 239-7690
410 Portland Women's Counseling 233-1759
416 Vacant
418 Vacant
436 Security Signs Inc 232-4172
SE STARK ST INTERSECTS
503 Todd Apartments
A Vacant
1★Sisco John
2 Loomis Archie G 230-1932
3 Cleveland Agnes
4 Potter Mary E
5 Vacant
7 Bowman Marlene 235-1241
8★Hale Ernest
9★Gallagher Walter
10★Cannon Joan
11★Taylor Bobbie E
12 Beck Warren
14 Hollingworth Roy 238-6672
15 Reid Joan 239-7777
16 Pitts Edith 235-3880
535 State Blind Commission 238-8375
SE WASHINGTON ST INTERSECTS
603 Stoppelcamp Margt A © 236-8253
623 Skil Corporation power tools 234-7418
633 Campbell Industrial Supply 231-4820
SE ALDER ST INTERSECTS
707 Rimsky-Korsakoffee House restr 232-2640
735 Plaid Pantry Market No 66 235-9214

232
SE MORRISON ST INTERSECTS
SE BELMONT ST INTERSECTS
909 Safelite Auto Glass sun roofs 232-6159
914 Murphy
915 Ed's Mufflers Unlimited Inc muffler repr 238-6223
932 Apartments
924★Johnson Laura 233-7285
932 Yamhill Corner Apts 630-6605
A★De Coteau Mary
B No Return
C Vacant
D★Muzzano Kathy
945 Simmons Jerry Auto Body auto & truck repr 233-7096
SE YAMHILL ST INTERSECTS
1000 Kennedy Cleaning & Decorating cleaning & decorating 234-0509
Kennedy Construction Co bldg contrs 234-0509
1007 Candelier Shop The antiques 232-6654
Thompson Virginia A © 232-6654
1016★Chin Bill © 232-9948
1024 Apartments
1 No Return
2 Forsty Edw
3 No Return
4 Ping Wong
1025 Apartments
1★Nosten C
3★Hults Ben 236-5470
4★Donan Ererett
5★Akins Don
6★Reich John
1028 Nancy Jade Market gro 235-5095
1032 No Return
1035 Mission Rose Apartments 232-6898
1★Buhl J
2★Barnes Charles
3★Bishop Williams J 233-1511
4★Double Charles
5 Burbey Wm V 235-0724
6 Weir E Jack
7★Markan Don
8★Heyl Tom 233-7415
9★Betters T J 232-6898
10★Garrett Lorna
11★Lee Gary
12★Mc Corvey Ken
13 Hopkins Esther
14★Dawkins Jim
15★Barrett Scott
16★Mc Barron Patrick 239-0787
17★Acosta Marcelino
18★Barron Donald S
19★Ready Lily M 236-8614
20★Mosher Norman
21★Helinski Tom 232-7842
STREET CONTINUED
1036★Huber Rorey
SE TAYLOR ST INTERSECTS
1101 Carl's Bar & Restaurant 233-2250
SE SALMON ST INTERSECTS
1239 Pratt & Lambert Paint Inc plnt dist 234-5486
1240 Willamette Valley Health Care rentals sls serv equip 238-6698
Buck Ambulance Service ambulance serv 239-4399
Willamette Falls Ambulance 239-4399
SE MAIN ST INTERSECTS
1313 Oregon State Grange Building 236-1118
100 Oregon Grange Bulletin monthly publication 236-1118
100 Oregon State Grange 236-1118
1316 Studio Three Inc (Adv Photography) 238-1748
1340 St Patty's restr & lounge 236-0810
SE MADISON ST INTERSECTS
1401 May W L & Co whse appliance parts 231-9398
1408 Auto-Fabs Upholstery Supply Co 232-5862
1410 Carlson Fred C accting & income tax
1412 Universal Upholstery 232-4020

240
SE HAWTHORNE BLVD INTERSECTS
SE CLAY ST INTERSECTS
1603★Henrikson J L 238-1251
1605 Vacant
1607 Vacant
1609 No Return
1615 Larry & Chuck's Heating Service furnace reprs 232-5747
1623 Mechanical Systems Service 233-5957
1629 Lui Sing K 232-4702
1631 Vacant
1637 Vacant
1638 Mulberry Apartments 236-0446
2 Edge G 238-2929
4★Nelson L
12★Juola R
13★George M
101★Young R
102 Mourad G
103★Vansickle R
104★Carbajal M
105 Gardner Marge 236-0446
106★Morris Coop
107★Hays J
108★Yule C
109★Brady S
110★Gilman D
111★Mills Anna
112★Alderson T 232-2049
113 Nuszbaum H
201 Childress B
202 Yamada Hattie H 231-9291
203★Canterbrury M
204★Wilder L 239-9094
205 Wong Brian 232-6968
206★Schulander R
207 Wong Emily 232-6407
208★Otto P
209★Arthurs D
210 Hansen Ruth Mrs 232-4601
211 Nance Roy
212 Deleat Teresa 236-7933
213 Dewey Maxine A 238-4773
1639 D & E's Custom Upholstery 233-9095
SE MULBERRY AV INTERSECTS
SE MARKET ST INTERSECTS
1711 New Life Cleaners 234-3424
Apartments
A Vacant
B Lee Vern 238-1676
C Vacant
D Lee Hoy K ©
E Vacant
1717 Iwamoto Ray T 234-3424
1719 Vacant
1720 Karate For Women 233-7070
1723 Vacant
1725 Sakamoto Scott 232-6225

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SE 13TH AVE 1985

A BREED APART
1211 S.W 5th AV., 24th FLOOR PHONE 221-4600

NE 13TH AV—Contd
5028 Garner Alex @ 284-5633
5029 Barton Lorraine L Mrs
5034 No Return
5035★Edwards Donald L 284-1499
5044 Killmon Wm 249-0349
5045 Winter Douglas W @
5050 Jenkins Josephine Mrs @
5051 Burch Lillian M Mrs
NE WEBSTER ST INTERSECTS
5112 Archer Betty M
5121 Nesbit Harry L 282-7545
5122★Grear Linda 284-3600
5128 Behrs J M 284-0218

150
NE WEBSTER ST INTERSECTS
NE SUMNER ST INTERSECTS
5210 White Opal M 284-8122
NE ROSELAWN ST INTERSECTS
NE EMERSON ST INTERSECTS
5312 Emerson Plaza Apartments
A Joseph Harry 288-1635
B Lewis L 281-0210
C★Jones Geo L 284-0566
D Griffith Willis D
E Kirby Ernest W
F★Ford Kenneth 282-1929
G Vacant
H Coleman Governor R
5314 Emerson Plaza Apts
I Al-Hassan Albert
J Berry L 281-5658
K Vacant
L Strayer Jerry L 284-9916
M Shipp Ruby Mrs 284-9916
N Vacant
O Roberts Virgus
P Vacant
5321 Doakes Annie R
5322 Harris Roy L
5406 Vacant
5420 Vacant
5430 No Return
NE KILLINGSWORTH ST INTERSECTS
5524 Harris Amos C
NE CHURCH ST INTERSECTS
5602★Albert Michele @
5603 Wilson
5612 Hargrove Willie E @ 287-5974
5615 Scheid Carma L Mrs @
5622 Anderson Joan S @
5625 Thomas Ethel E Mrs @ 249-1725
5633 Smith Karen E Mrs 287-8009
5634 Vacant
5635 Vacant
5702 Marshall Paul E @
5705 Jordan Beverly A Mrs 281-9535
5707 Hancock Debbie Y
5712 Jackson Magnolia
5713 Nguyen Tuong T 287-9113
5723 Vacant
5733 Roberts Ernest T Jr @ 284-7057
NE JARRETT ST INTERSECTS
5807 Vacant
5814 Sutton Ronald H @ 287-7099
5815 Davis Sherman
5825 Brazil Joseph E Rev @ 284-9090
5826 Hill Robt C Rev @ 287-5680
5832★Haywood Luna @ 249-0178
5835 Johnson Phyllis E Mrs 281-7883
5844 Henderson Olif O 288-0094
5845 Randall Ernie @
5850 Carr Myrtle R Mrs @ 287-7976
5901 Murray Gregory C @
5904★Scott Leola 287-2837
5911 Vacant
5912 Coleman Mary L @
5918 Vacant
5919 Boom Christina Mrs @ 281-0417
5930 Batcher Mary A Mrs
5931 Mc Calmont James @ 282-1153
5945 Rose Vernon J @ 281-3898

168
NE AINSWORTH ST INTERSECTS
6010 Rush Otis C @
6015 Vacant
6024 Cox Sandra Mrs @ 284-6333
6025 King Timothy J @ 288-1812
6034★Nicholson Rosemary @ 284-0557
6037 Vacant
6104 Vacant
6105 Strachan Joyce Mrs
6115 Busch Margt K Mrs @
6116★Nishino Robt A 249-8088
6121 Bittman Philip 284-0025
6126 Vacant
6132★Lewis Hubert A 282-0490
6133 Wright Myron N @ 282-9298
6201 Harper James G @
6206 Grixby Charles E
6210 Smith John L @
6215 Tate Roland R @ 281-1587
6224 Vacant
6229 Jackson Sidney J @
6232 Paul Royal J @ 282-0468
NE HOLMAN ST INTERSECTS
6305★Jackson Gary @ 249-1951
6401 Robinson Edw 288-0409
NE HIGHLAND ST INTERSECTS
NE PORTLAND BLVD INTERSECTS
NE BELLEVUE AV INTERSECTS
NE MORTON ST INTERSECTS
6532 Vacant
6536 Vacant
6547 Broyhill Warren @
NE LIBERTY ST INTERSECTS
NE LENORE ST INTERSECTS
NE JUNIOR ST INTERSECTS
6717 Hopper Hazel I Mrs @ 284-1426
6720 Crockenell Linda E 285-8415
NE DEKUM ST INTERSECTS

174
NE DEKUM ST INTERSECTS
6815 Woodland Park Condominium Homes
Akagi R S 285-0499
NE DEAN ST INTERSECTS
6817 Vacant
6819 Featheringill Jack L 285-4334
6831★Jiles Jas 286-2080
6833★Viola Fernie J @ 283-6838
6835★Johnson M J 283-1149
6837 Kelley Robt A @
NE SARATOGA ST INTERSECTS
6930 Yearsley Evan F @ 285-1599
6932★Payne Joyce 281-1566
6934 Berg Alex 289-2184
6936 Kirkeby Craig L 283-6826
6939 No Return
6940 Mankowski Michal
6941 Derryberry John S @ 285-7270
6942 Vacant
6943★Walton Linda E
6944 Hickerson Alphonse A @ 285-0066
6945 Vacant
NE WINONA ST INTERSECTS
NE BRYANT ST INTERSECTS
7038 Bennett Marie Mrs @ 289-1821
NE MORGAN ST INTERSECTS
7106 Rose Larry C @
7132 Williams Robt L @
NE BUFFALO ST INTERSECTS
7207 Rogers Michl J @ 285-3675
7210★Love Julius @ 285-2313
7224 Vacant
7225 Busby Thelma 285-9972
7327★Rivers Jevita
7243 Walker Thomas
NE HOLLAND INTERSECTS
7334 Nozaki John I @ 289-2926
NE STAFFORD ST INTERSECTS
UP TRACKS INTERSECTS
NE LOMBARD ST INTERSECTS
NE LOMBARD PL INTERSECTS
7515 Aeroplex Incorporated phonebooth refurbishing 286-1732
7522 A & M Lift Truck 289-4949
NE RUSSET ST INTERSECTS
NE COLUMBIA BLVD INTERSECTS

358
ZIP CODE 97211
9442 Vacant
9509 Environmental Developers Inc 285-2062
Johnston Edw M @ 289-6711
9711 Freed Kath Mrs 285-8718
9801 Rovang Gar 289-4294
9801a Jones Clay F
9801b Demarest Theresa 285-6455
9801c Knox Clyde B
9801d Larson Allen J 283-0636
10038 Schwieger John F @ 285-1792
10127 Foster Kevin M
10129★Tahte Joy L
10145 Mikkelson J A 289-6951
10147 No Return
10345 Plew Theo G
NE FALOMA ST INTERSECTS
10630 Schoenfelder Paul E 285-9482

932
13TH AV NW —FROM 1301 W BURNSIDE ST NORTH

ZIP CODE 97209
NW COUCH ST INTERSECTS
102 Blitz Weinhard (Stge)
NW DAVIS ST INTERSECTS
221 Platt Electric (Whse)
NW EVERETT ST INTERSECTS
300 Rife Richd Antique Imports 294-0276
318 Pep Prntg (Addl Sp)
NW FLANDERS ST INTERSECTS
401 Carton Serv Whse
NW GLISAN ST INTERSECTS

13
NW HOYT ST INTERSECTS
NW JOHNSON ST INTERSECTS
NW KEARNEY ST INTERSECTS

934
NW LOVEJOY ST INTERSECTS
1039 Wilbur-Ellis Co (Whse)
NW MARSHALL ST INTERSECTS
NW NORTHRUP ST INTERSECTS
NW OVERTON ST INTERSECTS
NW PETTYGROVE ST INTERSECTS

912
1630 Burlington Northern Inc (Section Depts) 241-6286
NW SAVIER ST INTERSECTS
1705 No Return

180
13TH AV SE —FROM 1300 E BURNSIDE ST SOUTH

ZIP CODE 97214
SE ANKENY ST INTERSECTS
SE ASH ST INTERSECTS
215★Stanley Mark G 232-6387
Vacant
218 De Busk Margt R Mrs 234-2597
218 Endsley Joyce @ 232-9892
225 Otey James C 232-0624
226 Lincoln Loan Co 238-6658
Benson Harry V Iwyr 238-6658
239★Redmond Michl 233-1267
SE PINE ST INTERSECTS
314 Edward E Lyle
324 Hansen Kathy L 239-6867
SE OAK ST INTERSECTS
419 Pronto Select Messenger Co small pkg delivery 239-7666
423 Deluxe Upholstery 233-0662
433 Burian Leading & Kern Typesetting 238-6712

232
SE MORRISON ST INTERSECTS
812 Zell's Cafe (Addl Space)
822 Morgan Thos W 234-0150
SE BELMONT ST INTERSECTS
900 Durland Coe I @ 234-1451
904 Ramsay Carla D 232-9582
915 Vacant
916★Belson Harold E @ 236-1360
923 Apartments
1★Dilles M 233-3634
2★Mc Adams Benny F calligrapher 231-8877
3 No Return
4★Jones Clara B
924★Westfall Richard B
SE YAMHILL ST INTERSECTS
1013 Korn Leon E investment broker @ 236-3766
1016 Swift Steve L 239-4847
1030 No Return
1032★Black J E 236-2303
1034 Hiltner
1036 Vacant
SE TAYLOR ST INTERSECTS
1106 Claire Apartments 231-8305
1 Vacant
2★Fuller Mary E 232-8351
10★Neeth A 286-0095
11★Thomas Irene G 230-2889
12★Jensen Meijer 230-9289
14 Berry
15 Nathaniel
16★Gillman Janet S 230-9567
20 Martin
21★Hanson Jerry 231-7302
22★Mc Kinney Clarence 233-6028
24★Rogers Edward L 238-4544
25 Carlile Ellen B
26 Munchel
30 Sanders Walter H
31★Honson G
32★Barlossi Janet L 230-0410
34★Velez Andres O 235-0695
35★Anderson R
36★Fong Louis 232-9815
SE SALMON ST INTERSECTS
1223 Chisler Danl L @ 235-0123
SE MAIN ST INTERSECTS
1303 Hanks Alf 233-2221
1315 Apartments
★Kahle Gregg 236-1430
B★Ricketts J M 232-5563
C O'Keefe
D Mathias Elizabeth
SE MADISON ST INTERSECTS
1421 Frank R Hartman Co leasing automotive rep 235-1456
SE HAWTHORNE BLVD INTERSECTS

244
SE DIVISION ST INTERSECTS
ZIP CODE 97202
2513★Peterson James J 239-0266
2514 Lapham Sarah E 234-3419
2518 Ralston Danny 233-9630
2525 Magnuson Melvin B @ 236-3301
2526★Huynh Duc 235-6141
2528★Dunn Gloria 233-2114
2534 Barncord Robt R 235-1472
2537★De Ford Shirley M nurse @ 232-4486
SE IVON ST INTERSECTS
2605 Vacant
2615 Ladd Pamela
SE CLINTON ST INTERSECTS

274
SE POWELL BLVD INTERSECTS
3111 Warren Dean Plumbing 236-4152
SE KELLY ST INTERSECTS
3205 Image Graphics & Litho prntrs 231-5659
Vacant
Applied Plastics fabricating fnshg & decorating 232-5056
3208 Ortho-Med Inc orthopedic sup ret & whol 234-9691
3215 Wood Marion L @ 236-4269
3216 Vacant
3223 Carlson Eunice E Mrs @
3226 Kenner Reid F
3234 No Return
3237★Abadi Bo @ 234-2212
SE FRANKLIN ST INTERSECTS
3309 Shade Tree Apartments The 239-4920
1★Tran Quyen 236-4330
2 Vacant
3★Wagner Edw
4★Phung Dinn Guong
5★Hanke Donald
6★Fauria Michelle
7★Davis Jas L
8 Regory
9 Berry
10 Collins
3316 Schoos Gary L @
3324 Krausse June A Mrs @ 236-6619
3325 Hamill Robt M III @ 232-3545
3334 Dreizen Andrea @
SE PERSHING ST INTERSECTS
3352 Porter Christopher W 231-6436
3353 Leonard Kenneth S @ 236-8184
3356 Kleifges Michl J 238-1344
3364★Troutt Jeffery D 232-3753
★Kress David 235-2547
3367 Chin Fook W @ 234-4029
3372 Wicks Milo L @ 236-6744
3373★Ing Roger K 239-4400
3383 Cowden Sharral
SE HAIG ST INTERSECTS
3405 Nelson Wm R @ 233-2307
3411 Splawn Glenn W @ 236-7982
3414 Brooks Richd W 232-5537
3417 Bouchard Mary B Mrs @ 235-7041
3424 Hoag Mary J Mrs @
3434 Furlow Gary R @ 239-4041
3435 Dale Ronald Apartments 235-6771
1 Pierce Jerry L
2 Vacant
3 Wong Beo T Mrs
4 Vacant
5 Haskins Margt
6 Fay Edw W 239-7658
7 Kludt Eliz A
8 Czaplewski Margt
9 No Return
10 Vacant
SE RHINE ST INTERSECTS
3502 Jackson Charles A @ 235-1466
3505 White Robt S @ 235-6048
3518 Schmunk David 236-7449
3523 Gerani Lynn M 235-9484
3524★Nowak Tamora L @ 239-4475
SE LAFAYETTE ST INTERSECTS
3601 Hampton Wm F @
3604 Werner Eric R @ 234-8078
3611 Ritchies Upholstery 232-7768
3614★Daffney Jas 235-4244
3622 Voss
3624★Tremblay Chris
3625 Goodrich M E @ 236-2094
3628 Morrell Leonard E @
3640 Gardner Steven Jr 238-1584
SE RHONE ST INTERSECTS
3704 Bailey Virginia 234-2339
3705★Madden Steven P 232-2285
3706★Runger Michl
3716★Porter Debora
3721 Morgan Manor Apartments
1 Vacant
2 Vacant
3 White Debra Mrs
4★Washington Joe
5 Dibble Gary A
6★Lewis Pamela
7 Cline Bill H
8 Higgins Sabra Mrs
9★Higgins Sarah
10★Hester Warren
Montrose Eugene W & Associates mktg consltg
3724★Riddle Hariot
3726 Kennedy Carl J
3734 Top-Lite Stuidos 230-2866
Wallace D P @ 233-0936
SE BUSH ST INTERSECTS
3803 Abernathy Edw B 230-3330
3804★Prentice Paul E 239-4211
3818 Amerman Lorena E Mrs @ 235-8282
3828 Skralskis Robt A @ 234-7105
3838 Smith Myrna J Mrs @ 235-6815
3848 Johnson Lloyd G @ 231-6347
3904 Perks Wm E 238-1653
3914★Paulsen Gerrald F 239-4614
3924 Peragine Tony J @
3932 Purcer Patricia A Mrs @ 235-4447
SE CENTER ST INTERSECTS

278
ZIP CODE 97201
SE MARTINS ST INTERSECTS
6106 Younger Margt H Mrs @ 236-5133

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NE 9TH AV—Contd
NE FAILING ST INTERSECTS
3912★Carroll Chas A
3916 Harris Lucille 281-7585
3923 Randle Alberta A Mrs
3924 Vacant
3936 Trotter J P ◎ 284-4702
3937 Mc Donald Odessa H ◎ 287-5117
3942★Mc Coy John W 282-7998
3943 Wilson Bessie M Mrs ◎
3956★Mc Coy Michl R
3957 Marcel John L ◎ 281-9170
3963 No Return
3968 Vacant
NE SHAVER ST INTERSECTS
3971 Vacant
4006★Lawson Geo W 287-4273
4016 Vacant
4025 Rivers Lessie B Mrs ◎ 281-9392
4026 Jeannis Claire Mrs ◎ 287-6243
4034 Banks Luther T ◎ 288-2411
4037 Sullivan Annie ◎ 287-3271
4044 West Billie J Mrs ◎ 284-1801
4047 Ralston Carla 284-9629
4054 Lewis Mandy Mrs ◎ 287-9008
4056 Vacant
4065★Montgomery Lynn E 284-7691
4070 Richards Harry A ◎ 288-1234
4077 Mt Nebo Church Of God In Christ 287-8885
NE MASON ST INTERSECTS
ZIP CODE 97211
4110★Ruddell Jay L
4115 Huely Emmett
4116 Vacant
4125 Williams Cleveland ◎ 287-2339
4126★Jones Henry
4134 Martin Dan ◎
4137 Vacant
4206 Evans Essie L Mrs ◎ 282-6731
4207 Wheeler Joe ◎
4213 Delashmutt Eliz P Mrs ◎ 281-3185
★Gobielle Richd 287-5493
4216 No Return
4223 Lemon Thos C ◎
4224 Vacant
4225 Vacant
4233 Graham Raymond Vacant
NE SKIDMORE ST INTERSECTS
4311 Brown Saml ◎
4312★Johnson Esther 284-8627
4321★Cryer Ed 281-1561
4326 Vacant
4403★Moore Nadine
4404★Simms Chas L

144
NE PRESCOTT ST INTERSECTS
4516 Brown Paul A ◎ 284-1356
4524 Davis Maxine ◎ 281-1638
4525 Richardson Clifton F Rev ◎ 284-7169
4532★Rayburn Ora E Mrs 281-6158
4533 Hart Robt P ◎ 287-1823
NE GOING ST INTERSECTS
4635 Highland United Church Of Christ 287-9567
4704 Bagley Herbert F ◎
4715 Woods Judy A Mrs ◎
4725★Turner Emmett ◎ 282-5162
4726 Sellers Nancy 282-6152
N E WYGANT ST INTERSECTS
4817★Unga Sefo 281-4241
4818 Doherty Juanita ◎ 284-9615
4825 Quinn E M
4826 Paris John R ◎ 287-4339
4834 Vacant
NE HUMBOLDT ST INTERSECTS
4908★Wilson Jas ◎
4918★Hall Georgia P
4919 Saint Andrew Community School 284-1520
4926 Carino Isabel C ◎
4932 Lalic Jose ◎
4949 Saint Andrews Catholic Church 281-4429
1 Franklin Levert L ◎ 288-4524
2 Vacant
3 Vacant
4★Mc Clain Kelly
5 Vacant
6 Vacant
7 Banks Gaylon C
8 Vacant
9 Vacant
10 Vacant
NE ALBERTA ST INTERSECTS
5019 Daniels Essie M Mrs ◎ 287-9954
5026 Patterson Annie L Mrs
5027 Abel Willie ◎
5036 Green Paul L ◎ 287-5721
5037 Tayvies Rebecca M Mrs Maul Marie foster home 284-3398
5049 Mason Gracie Mrs 281-8460
NE WEBSTER ST INTERSECTS
NE SUMMER ST INTERSECTS

150
NE SUMNER ST INTERSECTS
5220 Evans Mertha
NE ROSELAWN ST INTERSECTS
5251a Vacant
5251b Vacant
NE EMERSON ST INTERSECTS
5307 Tayvies Evelyn
5309 No Return
5311 Hayes Helen
5316 Vacant
5320★Hill Hortense M 287-7267
5321 Neal Beverly Mrs
5334 Vacant
NE KILLINGSWORTH CT INTERSECTS
5405 Vacant
5412 Menefenee Charlene
5420 Rogers L C
NE KILLINGSWORTH ST INTERSECTS
5503 Vacant
5512 Hayes Mary G
5513 Johnson Elvira J Mrs ◎ 287-0309
5514 Vacant
5520 Buckner Virgil ◎
5533 Gibson Elaine L
NE CHURCH ST INTERSECTS
5614 Foll Richd W 282-0372
5624 Wosti John A ◎ 282-4201
5627 Vacant
5636 Lynch John
5637★Cave P M
5648 Bilbrew Robt L ◎ 281-9721
NE JESSUP ST INTERSECTS
5706 Ross Lorraine ◎
5711a Lanita Brick Apartments Vacant
5722 Rudarmel Jack ◎ 281-2821
NE JARRETT ST INTERSECTS
5826 Townsend Ray L ◎ 282-2824
5830 Washington Mable 288-2619
5832 Neblett Elmira R Mrs 288-1351
5834 Lawson Leola Mrs 282-0205
5836 Murray Jerry
5837 Vacant
5838 Tillman Willie B 284-8155
5840 No Return
5842 Mc Gee Dorothy Mrs 284-1342
5844 Wortham Verna E 284-6789
5852 Rawls Leo
5860 Goldsby Warren G
NE SIMPSON ST INTERSECTS
5904 Bowden Erskin ◎ 287-1392
5914 Vacant
5924 Robinson Wm ◎

168
NE AINSWORTH ST INTERSECTS
6022 Marks Richd L ◎ 287-6004
6033a Parting Inc 287-3203
6034 Drozdek Alojz 282-1483
6035 Brooks Robt C ◎
6106 Wilson Jimmie L Mrs
6112 Stanton Robt B ◎
6117 Vacant
6122 Frater John F ◎ 284-3852
6130 Bams Willie J ◎
6133 Hall Floyd L ◎ 287-1394
6203 Winterstreie Cindy M
6210 Fielder Eleanor C Mrs ◎
6217 Smith Edgar E ◎ 287-7666
6226 Granberry Mary Mrs ◎ 287-7443
6235 Grogg Clarence F ◎ 284-2038
6236 Vacant
NE HOLMAN ST INTERSECTS
6321 Booker Laura
6329 Vacant
6332 Patterson Danl W
6343 Waggoner R 284-5095
NE HIGHLAND ST INTERSECTS
6405 Harrison Robt E ◎ 281-0514
6413 Asher David W ◎ 287-0177
6423 Nacoste Loretha ◎
6426 Vacant
6435 Brown Martha
6443 No Return
6451 Shabazz Mikal ◎
6459 Lawson Fred ◎
NE PORTLAND BLVD CT INTERSECTS
6504 Clark Floyd W 249-2054

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NE MADRONA ST INTERSECTS
7003 No Return
7010 Lemontukala Gazi
7014 Vacant
7023 Williams Bennie K Mrs 289-9139
7032 Vacant
7035 Baker Olivia Mrs
7040★Appleberry Gary S ◎ 283-4660
7043 Phom Phakox 283-0098
7053 Johnson Bruce D ◎ 289-2550
7059 Dyrhaug Lawrence C ◎ 285-6406
7062 Vacant
7102 No Return
7111 Vacant
7120 Thomas Shirley A Mrs ◎ 289-0642
7123★Harris Thelma G
7131 Vacant
7136 Turner Barbara Mrs
7143 Vacant
7200 Johnson Wm A ◎ 285-9472
7203★Howe Wm B ◎ 283-3944
7214 Green Wm S ◎ 285-9629
7215 Bailey Shelton 283-2084
7222★Thomas Larry E
7225★Allan B
7234 Biggs Herbert L ◎ 283-6831
7235 No Return
7245 Vacant
7246 Smith Lawrence
NE HOLLAND ST INTERSECTS

922
9TH AV NW —FROM 901 W BURNSIDE ST NORTH

ZIP CODE 97209
7 Far West Federal Savings (Whse) 224-4444
15 Apex Parking
31 Oregon Printing Plates Inc 227-0531
34 Apex Parking 223-7131
NW COUCH ST INTERSECTS
102 Schultz-Wack-Weir addl sp
108 Graphic Arts Building Rooms
200 Vacant
302 Bloch Adolph L Advertising Agency 227-5664
304 Vacant
114 Schultz-Wack-Weir addl sp
120 Building Rooms
206 Artists fine art
207 Vacant
208 Portland Typographical Credit Union 222-5377
209 Hurley Nancy Studio artist 222-2188
210 Leopold & Ray adv 295-1918
213 Dodge Steve Writing & Ad Design 295-2603
218 Craftsman Lithoplate Inc lithographic trade shop 228-4018
221 Erickson Karl E coml artist 222-1452
124 Schultz-Wack-Weir Inc prntr & litho 221-0050
Photo Type America West typesetting 221-1799
125 West Side Auto Service 228-3771
136 Fuller's Restaurant Inc 222-5608
NW DAVIS ST INTERSECTS
223 R C I Realty Ltd 248-1931
Investment Auto Ltd 242-1063
NW EVERETT ST INTERSECTS
315 Dehen Knitting Inc (Addl Sp)
338 Peter's Office Supply Co 228-6357
NW FLANDERS ST INTERSECTS
403 Northwest Hotel Supply Co 224-3420
410 Wong Paul H 223-1918
420 All Metal Fabricators sht mtl 222-5850
431 A & F Auto Service 227-6227
NW GLISAN ST INTERSECTS
509 A S E Supply Inc (Addl Sp)
510 Northwest Bookbinding Co 228-6113
515 Commercial Furnishing Inc (Whse)
530 Northwest Bookbinding (Addl Sp)
NW HOYT ST INTERSECTS
NW IRVING ST INTERSECTS
NW JOHNSON ST INTERSECTS
832 Oregon Bk The (Sup Whse)
NW LOVEJOY ST INTERSECTS
1105 Burlington Northern Inc (Locomotive Dept)
1300 Portland Terminal Railroad Co (YDS) 227-3355

938
9TH AV SE —FROM 901 E BURNSIDE ST SOUTH

ZIP CODE 97214
SE ANKENY ST INTERSECTS
103 Ankeny Court Apartments 231-4052
103a No Return
103b Vacant
105a★Humphrey P 231-4052
105b Hansen Terry 233-7023
107a Foster Steven D 239-5831
107b★Roach Charlene F
109 Morlan Judith 232-7815
115 Vacant
133 Vacant
SE ASH ST INTERSECTS
215 Church Of Scientology The 231-0091
Dianetic Center personal counseling 231-0091
SANDY BLVD INTERSECTS
PINE ST INTERSECTS
OAK ST INTERSECTS
425 C M E Printers printing 234-1987
432 Harold'a Auto Serv 231-0417
SE STARK ST INTERSECTS
523 Hammack & Associates food brokers 234-6467
526 Thoen Truck Rentals truck rentals 239-4363
SE WASHINGTON ST INTERSECTS
606 Careco htg & air conditioning 230-1216
SE ALDER ST INTERSECTS
725 Distributors Warehouse automotive parts whol 233-5436
730 Genuine Parts Co auto parts & accessories 233-2533
733 Distributors Warehouse 234-5084
740 Publicity Providers Inc adv counselors 234-0501

936
SE MORRISON ST INTERSECTS
SE BELMONT ST INTERSECTS
930 Tri County Produce Inc 236-4101
SE YAMHILL ST INTERSECTS
1005 Vacant
1015 Vacant
1035 Dasic International Corp chem mfrs 238-0399
Custom Stamping & Mfg (Admn Ofc) 238-3700
Fastener Supply Inc whse 238-3708
Sign Up Corp sign stands mfrs 238-3732
SE TAYLOR ST INTERSECTS
SE SALMON ST INTERSECTS
1240 Truck & Trailer Specialties Inc 239-9899
SE MAIN ST INTERSECTS
1313 Trebly Garry L 231-0257
1315 Vacant
1325 Unique Plastics Co 231-9697
1340 Custom Stamping & Mfg Co 238-3700
East Side Tool & Die Co 238-3700

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SE HAWTHORNE BLVD INTERSECTS
1510 Union Gospel Mission (Salvage Pick U'p Dept) 235-5678
Union Gospel Mission (Youth Center)
STREET CONTINUED
1535 Billings & Cronn Co plstr contr 235-2131
Ceiling Systems Inc acoustical contr 234-9515
Merit Building Specialists
SE CLAY ST INTERSECTS
SE MARKET ST INTERSECTS
1733 Battleship Oregon Post & Aux No 1478 (VFW)
Multnomah County Council (V F W)
Oregon Rose Royal Neighbors No 1881 meets
Portland Pup Tent Post (M O C No 1) org-misc
Post No 907 Auxiliary (VFW)
Post No 907 (VFW)
World War Post Memorial Building
1750 Morehouse Glass Co 235-6641
SE MILL ST INTERSECTS
1821 Vacant
ZIP CODE 97222
1835 Vacant
SE STEPHENS ST INTERSECTS
1926 Cash & Carry Appliance Co sls & serv 239-8075
SE HARRISON ST INTERSECTS
2014 Krupp Industrial Electric Inc elec mtr repr 232-6141
2029 Interstate Brass Foundry Inc 234-4211
2035 Vacant
2037 Elphic Leroy

933
SE LINCOLN ST INTERSECTS
2104 Diversified Parts appl parts whol & ret 236-6140
2105 Western Engineers Inc refrigeration sls & serv 235-3193
Industrial Refrigeration & Equipment Co 231-4831
2114 Mc Cormick Mechanical Inc coml htg & air condt instal 235-8521
2120 Magnaflux Company quality control insp 233-9682
2134 A-1 Linoleum linoleum sls
SE GRANT ST INTERSECTS
SE SHERMAN ST INTERSECTS
2305 Clarke Electronics Co telev parts mfrs 236-4116
2314 Pony Express Courier Corp (Repr Shop)
2336 Willamette Pattern Works Inc 232-0793
2337 Vacant
SE CARUTHERS ST INTERSECTS
2416 Frost Andrea K ◎ 239-5182
2422 Bocci Rose Mrs ◎ 236-9024
SP CO TRACKS CROSS
SE DIVISION ST INTERSECTS
SE DIVISION PL INTERSECTS
SE TAGGART ST INTERSECTS
ZIP CODE 97202
2801 Bean Johnny Machinery Co sls woodwork mach 234-8481
2808 Irwin-Hodson Metal & Crown Mfg Corp 234-6513
2838 Irwin-Hodson Co The prntrs & lithographers 231-9990
2855 Pacific Northwest Bell (Record Center) 242-5221

SE ALDER ST 1985

FURNACE • SALES • SERVICE • INSTALLATIONS • CLEANING
5265 N. LOMBARD TEL. 286-9310

SE ALDER ST—Contd
304 Corno & Son (Whse)
307 Automotive Jobbers Warehouse Inc 238-7373
318 Corno's Market (Addl Sp)
321 No Return
SE UNION AV INTERSECTS
412 Caplener Brothers trans co 232-4119

938

SE GRAND AV INTERSECTS
537 Volunteers Of Am Oregon Inc 235-8655
SE 6TH AV INTERSECTS
610 Printers Sup (Stge)
615 New Melody Lane Ballroom pub dance hall 232-2759
Rooms
202 Creative Service
203 Christian Conciliation Serv legal mediation serv 232-9119
203 Exchange Club child abuse prevention prog 236-4355
204 Gazley Plowman Architects 233-7100
300 Bonini Photography 239-5421
302 Cole Leslie & Assocs writer editorial servs 230-7765
302 Alto Sandy Design graphic 232-8444
618 Portland Police Athletic Assn 234-1142
626 Citizens Photo (Ship & Rec)
SE 7TH AV INTERSECTS
720 Bell Tire & Battery Co (Addl Space)
SE 8TH AV INTERSECTS
801 Mitchell Lewis & Staver agrl implts 233-4921
808 Vacant
820 Distributors Warehouse (Addl Sp) 234-5084
SE 9TH AV INTERSECTS

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SE 10TH AV INTERSECTS
SE 11TH AV INTERSECTS
1110 Means Villines Co The bldg contr 236-3531
Reach Community Development Inc youth servs 231-0682
Continental Credit Association colln agcy 231-6565
G-A Investment Co real estate 231-6568
Milwaukie Computer Services Inc computer time sls 231-7537
Whipple Jay W lwyr 231-6796
Medical Equipment Leasing 238-0034
G A Insurance Co 238-0722
Vestpocket Housing Of Oregon
Child Care Coordinating Council 238-4320
SE 12TH AV INTERSECTS
SE 14TH AV INTERSECTS
1403 Neal Wm C ◎ 232-9861
1409★Rhodes Rodney M 235-7426
1415★Leonard Richd D 235-3474
1423★Sherman D J 231-1114
1425 Vacant
1435★Butkovich Adrian 236-8340
1437★Gartzke S 236-3297

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SE 15TH AV INTERSECTS
1507 Jaquith Ned V ◎ 231-7322
1516★Leonard D L 236-6312
1518 No Return
1522★Lamb Cynthia 233-9210
1524★Van Nhut 238-3759
1535★Faris Terrence J 252-7563
SE 16TH AV INTERSECTS
1618 Lindsay Susan 235-0062
1626 Apartments
1 Hogenson S L 232-9218
2★Sauer Belinda M 232-6037
3★Dumolt Cheryl
4★Selid Ruth
5★Sexton Pat 236-9553
6 Olson Brian L
7 Vacant
SE 17TH AV INTERSECTS
1★Loft Norval K 235-7429
2★Bullock Sue B 233-7077
3★Marlow Rick 231-8092
4★Peterson Douglas S 233-5031
5★Vacant
6★Vacant
7 Vacant
8★Ruffin Barry I 235-4831
1714 No Return
1716 Vacant
1718 No Return
1720★Van Derkin Teresa
1722★Spencer Lou Ann
1725 Hennessy Walter E ◎ 235-0110
1726★Clark Jeana 239-7682
1728★Gharabaghian Reza 236-6525
1732★Ross Bonnie H
1734★Mac Laine David B wrtr 236-2598
1736 Film Maintenance Service 236-8298
1738★Androschuk Gordon T 239-0877
SE 18TH AV INTERSECTS
1804 Hager Chris C ◎ 233-8906
1805 Artrip Frank 235-3294
1815 Catabay Florentino C ◎ 239-4403
1816★Moreau Jackueline A photog 234-3909
1823 Mellis Maryann F ◎ 236-0903
1826★Weitzer Nick J 231-2874
1833 Kreutz Randall W ◎ 232-6386
SE 19TH AV INTERSECTS
1904 No Return
1915★Allto Eric M concrete constn ◎ 239-0403
1916★Green K J ◎ 234-2568
1924★Viuhkola Edward G 235-0269
1925 Apartments
1 Kruse
2★Zamiska K K
3★Torelle B J 236-3449
4 Elmore
5★Sabin Linda
1926 Vacant
1936★Wheaton Nancy A 231-2849

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SE 26TH AV INTERSECTS
SE 27TH AV INTERSECTS
2700 Alderwood Apartments 233-1992
2702 Duggan Michl A 231-7375
2704 Jessen Lawrence M Jr 232-5897
2706 Gaines David L 233-1992
2708 Phachanthong Tu 234-4030
2710 Cobb Willis F
2712 Vacant
2714★Roshena Mosheni
2716 Border Patricia
2718 Paris Kenneth 235-3504
2720 Phuong Hung 238-0917
2727 No Return
United Cerebral Palsy Group home 232-8447
2730★Root Leslie L 232-2336
2732 Brown Mary M
2734 Vacant
SE 28TH AV INTERSECTS
2824 Kerr Wm B 232-1578
SE 29TH AV INTERSECTS
2905★Perez S 231-7325
2909 Vacant
2911★Luciano John P 236-8280
2915 Vacant
2921 Apartments
1 Vacant
2 Vincent Kathleen M
3 No Return
4 Barnett Ethel 234-4997
5 Stoughton Constance G
6 Burke Frances E 234-4110
2924 Martinez Thos E ◎ 236-0384
2934 Alder Crest Apartments 233-6021
1★Kisway Mabel
2★Burgin Jim
3★Wolfe Agnes
4 Berns Ralph M
5 Vacant
6★Stewart Jo Ellen
7★Thomas Robt
8★Keota Vilaley
9 Vacant
10★Tringali Joseph
11★Eota James
12★Elena Artis
14 Vacant
15★Bolling Cliff
16★Gauuay Stanford
17★Isaacson Gray
18 Vacant
19★Ellis Jeffrey
20 Vacant
21 Vacant
22 Vacant
23★Price Richd M
2943 Laurelwood Apartments 234-8060
1 Pinnon Patricia C 236-7211
2★Jorgenson Jerry
3★Hyyntt Lan
4★Carrick Michl
5★Heiberg Sadie
6★Delano Robt
7★Olson Jeffrey
8★Hinnman David
9★Robbins R D III
10★Warmouth Susan
11 Vacant
12★Johnson Carol
14★Porter Larry
15★Snow Edna
16 Vacant
17★Bly Vicky
18★Roth Robt J 234-5114
19★Wong Lisa
20★Rowe Paul
21 Vacant
22 Vacant
23★Price Richd M 236-7211
24★Wong Carol 236-5208

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SE 30TH AV INTERSECTS
3006★Deal E 236-1475
3010 Gregg Opal M ◎ 236-5208
3027 Bertolotto Mary H Mrs ◎ 236-8239
3033★Hahnel Rose Ann 232-9905
3039 Kaiser Ruth A Mrs ◎ 232-6222
3051 Hood David R ◎
3059 Alder House apts
1★Brown Charles E
2★Gilbert Scott 231-0430
3★Green Patricia A 231-9476
4★Howard Jos 238-4732
5★Scheckla L L
6★Miller Pat 234-2332
7★Bowling R D
8★Hoffman Kristin L
SE ALDER CT INTERSECTS
SE 32D AV INTERSECTS
3203 Koeydar Karl G ◎ 233-7443
3209 Meier Sylvester
3215 Schmaltz David ◎ 233-4295
3224★Brown Kelly K
3231 Carlson Elmer F ◎ 232-9715
3236 Apartments
1 Vacant
2 Vacant
3 Vacant
4 Vacant
3237 Telles Sharon L 231-0521
3243 No Return
3253 Sunshine
★Arcudi Anthony 238-7179
SE 33D AV INTERSECTS
3317 Jarvis Ruby N Mrs 232-6615
3323★Wing Jane 231-4329
3334 Carnation Co (Auto Repr Dept) 238-7729
3337 Greenway J W ◎ 233-0115
SE 34TH AV INTERSECTS
3418 No Return
3420 Adania Laura Mrs 235-7501
3423 Thompson Lee Ann ◎ 236-2306
3435 Miller Lela E 234-2784
3437 Watson E L 233-7014
3439 Hawkhurst Barbara J Mrs 236-5039
3440 C & S Printing Inc 231-7308
Baldwin-Foster Printers 235-4143
L H Lithographers Inc
3441 Moore Martyn Mrs 235-3373
SE 35TH AV INTERSECTS
3504★Archer Douglas O 233-9359
3510 Vacant
3511★Rivera Darlene Y
Vacant
3516★Hill Sharon K 234-7080
3517 Vacant
3525 No Return
3527★Winters Robin
3528 Kerr Fred J ◎ 235-5553
3535 Vacant
3536 Schneider Anna Mrs ◎
3545 Wolfe Louis 239-0841
3548 Lattermann Ellen A Mrs ◎ 232-7253
3553 Brown Robt L 238-1455
3554★Stephens Robin ◎ 232-2424
3555★Schaffer M J
SE 36TH AV INTERSECTS
3602 No Return
3602½ Vosika Randolph
3603 Apartments
A★Brown M
B Bolton Michl
C★O'Donnell Jo
D★Mc Cormick Jennifer Y 236-8580
E★Stevens Lori 235-3104
3612 Butler Shauma Mrs
3615 Harrison Helen E Mrs ◎ 235-3681
3616 Hrynko Wasyl ◎ 234-2515
3623 Salontay Mary 232-0252
3624 Olson Genevieve Y ◎
3625 Horton Margt E 232-0252
3634 Vacant
3635 Rasmussen Freida Mrs ◎
3640★Carroll Robt 234-2845
Vacant
3641 Carr Irene Mrs ◎ 232-8856
3652 Vacant
SE 37TH AV INTERSECTS
3702 Beguhl A V ◎ 234-5584
3705 Johnson Michl H ◎
3710★Schwartz L 233-1432
3711 Kent Lillian E 234-8310
3714 Hannigan Francis A ◎ 236-6235
3717 Littlewood Lee C 239-5571
3722 Schmid Beverly J 232-1642
★Croghan J
3727 Stevens Eric 236-7160
3730 Garvin Claude L ◎ 232-1344
3733★Phillips E 232-2247
3739★Hash Edw 234-6952
3740 Woodward Hazel Mrs ◎ 238-3885
3747★Whelan C M 235-2076
3748 Hale Betty ◎ 238-0543
3752 Weber Ernest M ◎ 235-0815
3757★Barnes Timothy C 232-4437
SE 38TH AV INTERSECTS
3805 Dutson Richd L ◎
3814★Roberts L Allyn 236-6620
3815 No Return
3820 Johnston James S 236-4351
3825★Etzel Robt M 231-9821
3826 Rowley Tim 239-7158
3833★Tang Kouang 232-5571
★Tang Chieu Yiang 234-6738
★Lam Xuong Van 235-9255
★Hanf Dorothy M 236-5908
Lutheran Family Serv (Addl Sp)
3834 Williams David L 236-4436
3840 Thacker Lottie B Mrs ◎ 236-6467
3846★Nigro Loui 236-2022

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SE 41ST AV INTERSECTS
4103★Makinson J Hester ◎ 235-1591
4105 Burke Monica 232-5261
4124 Claremont Apartments
1 Linton Ethel S Mrs 236-4074
2★Lawrenson Lela Mrs 232-4873
3 Egger Lydia C Mrs 232-0080
4 Deis Lois V Mrs 236-7895
ZIP CODE 97215
SE 42D AV INTERSECTS
4211★Shanklin Eliz A 234-4307
4215★Bressem Michl 231-5385
4216★Bunnell David C
4224 Brentano Ronald ◎ 238-4004
4233★Gardner Timothy J 232-5304
4234 Van Atta Kenneth H ◎ 236-8167
4242 Eichelberg Dean ◎ 234-8883
4243 Johnson Russell B ◎ 232-2728
4260 Hein Randall L 232-0614
4251★Naramore G 231-7155
4261 Worden Clara E Mrs ◎ 232-2087
4264 Crawford Michl 234-4040
SE 43D AV INTERSECTS
4305 Cabelly Alan M ◎ 235-6241
4316 Collins Robt E ◎ 234-7039
4323 Hauke Leonard W 233-1563
4404 Sharlock Robt R ◎ 236-3209
4405 Braun Graphic Arts
★Braun Timothy M
4407 Vacant
4411 Garland Dale ◎ 236-0961

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SE 45TH AV INTERSECTS
4509 Peragine Johnny J ◎ 234-3123
4511 Peragine Vito 238-1394

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SE 53D AV INTERSECTS
SE 55TH AV INTERSECTS
5540 Vollmer Edwin C Jr ◎ 239-8066
5605 Knutson Maurice G ◎ 232-4585
5610 Salvisburg Verl E ◎ 236-4278
5615★Plews Milton J 232-0202
5623★Johnston Greg ◎ 232-4562
5711 Mount Tabor Metal Products whol bldg mtls 235-3772
Haus Albert P ◎ 235-3772
SE 58TH AV INTERSECTS
6220 Velasco Wendy 236-7639
6222 Vacant
6235 Ruscelli Geo ◎
6241 Moran Wm S ◎ 234-7676

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SE 71ST AV INTERSECTS
7107★Greer Robt J ◎ 257-0042
7115 Bissonnette Florence ◎ 253-8300
7126 Reilly Edw S ◎ 253-3626
7150 Berlage Sieglinde 257-0660
SE 72D AV INTERSECTS
7220 Farrelly Donald J business consultant ◎ 255-0344
7223 Pullen Mary Helen M ◎ 253-8246
7233★Rectanus Fred C 257-7086
SE 73D AV INTERSECTS
7303 Haight Gary X ◎ 254-1040
7320 Freed Dennis N ◎ 257-9279
7328 Forestel Jeff 253-2667
7333 Hackett James
SE 74TH AV INTERSECTS
7407 Seifert Elmer L ◎ 252-7914
7408 Ch Of The Ascension Monastery Of Precious Blood
Sisters Of The Precious Blood 254-3284
7421★Williams Dorcas K
7437★Crater Chas S ◎ 257-3375
7507★Nadal Tirso G ◎
7525★Brandt Carol Mrs

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SE 76TH AV INTERSECTS
7606 Adkisson Raymond ◎ 253-0860
7607 Theriault Gary 253-8624
7616 Welk Dorothy 254-5805
7617 Denfeld Annabelle Mrs ◎ 253-5131
7626 Gordon Deborah S Mrs ◎ 252-2187
7631 Mc Guire Ann M 257-7631
7634 Katz Randy S ◎ 255-9634
7641 Hammersmith Louis 255-1558
7643 Shipp M Bard ◎ 254-4116
7644 Fogel Al 254-2771
7706★Barker Charles 256-2745
7707 Culbertson James E ◎ 254-6786
7712 Hendrick Sue A
7733 Mariani Ronald J 254-4897
SE 78TH AV INTERSECTS
7806 Caputo Thos M ◎ 252-0530
7816 Merriott Earl T ◎ 255-7217
7824 Duffield Ellen M Mrs ◎ 252-7687
7825 No Return

OREGON WATS TEL. 1-800-4
P.O. BOX 12053 • Portland, OR 97212
TEL 652-1800
TEL 644-2171
TEL 283-5151

SE ALDER ST 1985

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Lincoln Building, Suite 102
9955 S.E. Washington, Portland, OR. 97216
Tel. 252-1166
Res. Tel. 256-1133

SE ALDER ST—Contd
11836 Haines David P 252-3613
11839 High Duane H ◎ 253-2519
11845 Sones Lawerence ◎ 255-9567
11850 Ramberg Walter H ◎
SE 119TH AV INTERSECTS
11918 Hopkins J 254-9331

502
ZIP CODE 97233
SE 127TH AV INTERSECTS
12704★Jensen Jacquelyn 50-5920
12707 Marier Robt J Jr ◎ 252-4649
12719 Allison Patricia A ◎ 252-1825
12720 Krieger Lydia E ◎ 225-0255
SE 128TH AV INTERSECTS
SE 130TH AV INTERSECTS
13002 Akers Eliz E Mrs ◎
13011 Vacant
1302 Vacant
13025 Burnett Michl L ◎ 254-1326
13040★Yost Michl W ◎ 256-3171
13041 James Mikel C 257-7442
13054★Lindsay Mary L Mrs ◎ 257-7480
13055 Haines Delford L ◎ 254-8418
13105 Thompson Ben W 256-2734
13110 Meyer Walter F ◎ 252-3675
SE 131ST PL INTERSECTS
13155 Burdick Carolyn Mrs ◎ 255-0000
13156 Lambert Dorothy Mrs ◎ 253-1725
13209 Bochart Marie A 257-9386
13210 Malone David W ◎ 252-7143
13225★Mastrune Wm L 255-5257
13226 White James M 253-4894
13243★Eaton Robt D 252-9414
13244 Jali Frank J ◎ 255-1674
13255 Hull Tom W 255-3652
13256 Costello John A ◎
13305 Hunter John C ◎ 253-0008
13306 Wright Richd J ◎ 253-6450
13314 Abbott Edw T ◎ 252-2976

504
SE 142D AV INTERSECTS
ZIP CODE 97233
14208 Weigart Leslie J ◎ 252-7498
14223 Sherlock Patk G ◎ 252-8095
14226 Balzer Thayne E ◎ 256-3857
14239 Doud Niles C ◎ 254-9915
SE 143D AV INTERSECTS
14309 Nadeau Leon R ◎ 254-3697
14310★Dahm Hans J
14314 Claussen Willy H ◎ 252-6820
14317 Olson Steven C ◎
14325★Smith Linda J 253-8201
14326 Johnson Myrtle H Mrs ◎ 252-6031
14400★Chaussee J M ◎ 255-5689
14418 Carroll David L
14420★Zea John L
14433 Chaussee Richd E ◎ 254-4529
14436 Calcagno & Sons bldrs 254-5746
★Calcagno Jim W ◎ 253-7483
14507★Amrein Kenneth D 254-6861
SE 146TH AV INTERSECTS

506
SE 155TH AV INTERSECTS
15528 Jeppesen Toga W ◎ 252-8593
15535 Vacant
15544 Johnsen Robt N ◎
15570 Vacant
15610 Woodin Kenneth J ◎ 252-8603
SE 156TH PL INTERSECTS
15650 Smith James D ◎ 254-8538
15653 Bocan Saml ◎ 254-2309
SE 157TH AV INTERSECTS
15709 Kingsbury Vernon J ◎ 254-8734
15710 Stinson Joy J Mrs ◎ 253-1642
15727★Preston Robin 255-9448
15728 Kuzmanich Joe M ◎
15737★Cain Wayne ◎ 254-3186
15749 Van Der Zanden Stanley P ◎ 253-2912
15750 Nautel Wm G ◎ 252-4496
15807 Friderich T ◎ 252-0754
15820 Cromwell Oliver H ◎ 252-1929
15825 Nasshahn Wilford A ◎ 255-8779
15839 Oakes Valery B 254-0443
15902★Gallagher John 253-8162
15905 Giles Fuel Co whol petroleum products 255-1451
★Weilep Robt
15908 White Wilbur A ◎ 252-1145
15938 Adcock Lee A ◎ 253-1070
SE 160TH AV INTERSECTS
16000 Bonnie Louise Apartments
1 Vacant
2★Shrout C 256-0464
3 Vacant
4 Vacant
5 Leslie Carol
6 Vacant
7 Vacant
8★Allison J M
9 Maiden Charlene L
10★Mc Gloghlon Chas
11★Fenton Betsy
12★Vang Long 252-5124
17 Vacant (5 Apts)
18★Chiago Gloria
19★Wilson Donald
20 Wilson Lew D 256-2687
21 Vacant
22 Vacant
23 Vacant
24 Miller Evelyn E 254-6855
25 Vacant
26 Vacant
27★Jennings Daryl
28 Vacant
29 Vacant
30★Riddle Dennis
31 Vacant
32 Welch Jennie
33 Vacant
34★Thom Hazel R 255-8329
35★O'Neal Kelly
36 Vacant
37★Richardson Ray
38 Vacant
39★Fitzpatrick S 255-7723
40 Vacant (5 Apts 40-45)
47★Jackson Minda
48 Vacant
49 Vacant
50★Spahm Marty
51 Vacant
16113a Kay Jane I Mrs ◎ 252-6851
16117 Towner Phyllis
16119 No Return
16121★Johnson Chris 252-2023
16123★Haase G R 253-8633
16124 Cherry Blossom apts 257-7101
1★Fieldmeier Greg 257-7101
2★Reynolds Tom 253-3374
3★Coffman David 257-6251
4★Moore Diana
5★Patterson Dean
6 Swafford D L 254-3829
7★Bell James
8★Prakash Felix
9★Brown Bert
10★Warren Carl
11★Williams Yvonne
12★Roettger Lawrence
14★Johnson Cathy
15★Crum Dianna
16★Edwards Rhonda
17★Farey Kathy
18★Ellis Valerie
20★Ciogta Audrey
21★Ginser Diana
22★Dodge Karen
23★Blunt Loretta
24★Kallstrom Maria
25★Vetsch Denise
26★Mc Carthy Kim
27★Greco Jack 257-6776
28★Kelly Dale
29★Farrar Richard
30★Morrisson Roxanne
31 Montgomery K
32★Algers John 257-9122
33★Garbush Christina 257-7706
34★Wall Gary 252-4075
35 Kephart Ila E 257-9059
36 Ping Michl 254-7849
37★Montehemoso Ligaya
38★Albert Tom
39★Raible Janet
40★Williams Steven
41 Campaniele N
16127 Phagan Adaline
16129★Coney Robt G 252-9448
16131 Vacant
16133 Anderson Glenn 255-2979

508
16351 No Return
16352★Wilburn Monte 257-7345
16365★Gallo Steph F Rev ◎ 257-8110
16366 Coles Henry A ◎ 254-8200
SE 164TH AV INTERSECTS
SE 168TH AV INTERSECTS
16820 Brandolf Shirley D Mrs ◎
16831 Barnes Howard D ◎ 252-4320
SE 169TH DR INTERSECTS
16903 Hopkins Paul L ◎ 256-0309
16910 Ketcham Thos R ◎ 254-0770
16919 Jarrett Chas M ◎ 252-5294
16930 Southland Stuart R ◎ 255-0900
16937 Wright Walter J ◎ 254-3733
SE 170TH DR INTERSECTS
17005 Nice H Dean ◎ 253-1689
17012 Brandeberry Robt O ◎ 252-7971
17021 Samel Edw E ◎ 253-5795
17024 Schoenborn Neal R ◎ 254-1614
17035 Hart Duane W ◎ 253-4537
17036 Corbett Michl J ◎ 254-1409
17200 Alder Elementary School 255-4673
17225 Alderwood Apartments 255-2713
1 La Pointe Tina Mrs 252-5227
2★Paonessa Judith L 252-6485
3 Davis Lenore J Mrs 255-6397
4 Jones Dana Mrs
5 Morrison Bernice M 255-9865
6 Rogers Alfonso
7 Hobbs Patricia I Mrs 254-8515
8★Barney Marilyn 255-3644
9 Larsen Donald J
10★Walker Linda L 255-5212
11★Wells Karen 253-6017
12★Schrenk Viki 256-1580
13 Turner Joel D 255-2713
14 Mosquada Geraldo
15★White Glenna
16 Tucker Margt M Mrs
17 Morgan Linda
18 No Return
19★Polk Anna M 252-0250
20 Ivory Vicki 281-4907
17320 Vancise Edw E ◎ 253-5182

510
17459 Iverson Merle D ◎
17460★Eichelberg Dale R 257-6329
17505 Williams Michl R ◎ 255-8339
17512★Buck Rodney L 254-2017
SE 175TH PL INTERSECTS
SE 176TH PL INTERSECTS
17660★Staley Carl ◎ 255-0585
17661 Collins Elbert H ◎ 254-6750
17715 Gavin B Edw ◎ 665-5634
17716 Fisher John H ◎ 667-2104
17735 Foster Olive M Mrs ◎
SE 178TH AV INTERSECTS
17812 Gilliland James G ◎
17815 No Return
17824 Henke Louis J ◎ 666-6839
17827 Vacant
17840 Johnson G
17843 No Return
17854 Gleason Jas C ◎ 665-7551
SE 179TH AV INTERSECTS
17909 Rich Robt H ◎ 665-5714

217 S.W. Washington • Portland, Oregon • 97204
Tel. (503) 224-4640
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Portla
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PHO
282-

Suite 225, 2501 S.W. First Av., Portland, OR 97201 503-226-1255

NE BEECH ST
—Contd
8407 Carpenter Charlene T @ 253-7081
8414 Newman Kevin 255-9812
8419 Albright Christopher C @ 253-4297
8425 D & A Custom Remodeling contrs Dansie Ray C @
NE 85TH AV INTERSECTS
8504 King David F @ 252-8270
8505 St Onge Velva F Mrs @ 255-3796
8515 Beehn Kathleen I Mrs @ 253-6185
8524 Hogg D V Mrs @ 252-6511
8525 Anderson K A @ 255-3141
8535 Hunt Charles T @ 254-8845
8536 Ogle Georgia @ 255-3324
8540 Hurst Maynard C @ 252-2243
8545 Matthews Robt B @ 254-5312
8555 Hixson Floyd E @ 256-0635
8556 King D Arroll @ 252-8605
8604 Dunn Marguerite A Mrs @ 254-3440
8605 Kelly Karen L Mrs @ 254-9213
8619 Park Forest Care Center (Addl Sp)
8620 Hall Edgar L @ 254-5147
8640 Dunn Dorothy R Mrs @ 253-7988
8643 Park Forest Care Center nursing home 256-2151
NE 87TH AV INTERSECTS
8710 Hume Raymond O @ 253-3259
8714 Toll House Cake Decorating 254-3791
Toll Dale R @ 254-3791
8718 Shepherd Arth L @
8721 Hoover Ronald D @ 255-0521
8724 Floyd Paul H @ 253-4570
8731 Jaenicke Ralph E @ 252-4817
8734 Vacant
8741 Enfield Romer M @ 253-6417
8750 Savage F O @ 253-0518
8751 Pella Le Roy A @ 253-9853
8761 Nielsen Lawrence A @ 254-3582
NE 88TH AV INTERSECTS
8825 Miller Donald P @
8835 Payne Chris L @ 255-2720
8840 Carter Myrtle M Mrs @
8845 James James C
8855 Loveland Roscoe J Jr @ 252-7558
8855½★Burrows Dagmar 252-8119
8860 Woods Thos S 254-9552
8865 Klug Wm C @ 253-7697
8906 Harrington Neal R @ 255-4434
N E 90TH AV INTERSECTS

27

BELGRAVE AV NW (WILLAMETTE HEIGHTS)—FROM 2155 NW ASPEN AV NORTH

ZIP CODE 97210
2330 Mac Kenzie Thos R @ 222-1148

117

BELKNAP AV N —FROM 3286 N TERRY ST NORTH

ZIP CODE 97217
7816 Gyles Betty J Mrs
7819★Hasenkamp Martin R @ 285-2238
7824 Bounds Kath Mrs @ 285-1166
7827 Hass David W @
7832 Miller H John @ 285-5350
7835 Kirtley Roy W @ 285-5773
7838 Nicols Geo T @ 283-0688
7845 Flick Robt M @ 289-9752
7852 Hensley Bill
N WINCHELL ST INTERSECTS

168

BELLEVUE AV NE —FROM NE 13TH AV AND NE PORTLAND BLVD NORTHWEST

ZIP CODE 97211
6505 Jackson Forrest V @ 287-9343
6506 Vacant
6514 Ford Ralph
NE LENORE ST INTERSECTS
6611★Mickens Vada E @ 284-7664
NE DEAN ST INTERSECTS
6711 Fields Alzena Mrs @ 281-5152
6712 Batties Sylvester @ 287-6058
NE DEKUM ST INTERSECTS

174

NE MADRONA ST INTERSECTS
6971 Johnson Wesley F @ 286-3254
NE ONEONTA ST INTERSECTS

236

BELMONT ST SE —FROM THE RIVER EAST 1 SOUTH OF SE MORRISON ST

ZIP CODE 97214
SE WATER AV INTERSECTS
SE 1ST AV INTERSECTS
111 Northwestern Ice & Cold Storage Co (Belmont Plant) 232-3832
129 Rainbow Painting Co 230-1997
SE 2D AV INTERSECTS
SE 3D AV INTERSECTS
SE UNION AV INTERSECTS

936

SE GRAND AV INTERSECTS
511 Junior Building Rooms
201 Bolliger & Sons (Addl Sp)
202 Bolliger & Sons Inc (Ofc Space)
203 Bolliger & Sons Inc genl ins agcy 232-9141
522 Harold's Auto Service
532 Pyramid Fixtures Inc lighting equip 231-6757
Sidwell Fabrications ornamental brass & copper 236-4338
534 C & S Auto Paint & Body Shop Inc 232-9822
SE 6TH AV INTERSECTS
600 Ind Spltv Inc (Addl Sp) 231-0802
Industrial Specialties Inc ind saps 231-0802
630 Vacant
SE 7TH AV INTERSECTS
700 Exhaust Specialties & Parts Inc 233-5151
707 Pacific Western Bank (Loan Adj Dept) 230-2665
Pacific Western Bank (Credit Dept) 230-2689
SE 8TH AV INTERSECTS
810 Honeywell Protection Service 232-9186
826 Cessco Incorporated sls serv & rental
839 Thermocraft prntg 239-6694
SE 9TH AV INTERSECTS
904 Joe's Construction Serv genl contr 234-2068
935 Caruso Produce Inc whol 232-1118
936 Vacant

232

SE 10TH AV INTERSECTS
1016 Monte Carlo Restaurant & Lounge restr & lounge 238-7627
1018 Collins H M 236-6421
1020 Monte Carlo Restr (Stge)
1030 Lido Restaurant restr 232-7766
SE 11TH AV INTERSECTS
SE 12TH AV INTERSECTS
1216 Treasures To Trifles antiques 235-0547
1224 Apartments
1 No Return
1a Gruey Robt
2 Travis Debbie J
3★Swanson C E 236-6584
4 Vacant
5 Mc Quakay Lorraine
6 Fabre Darrel R
7 No Return
8 Lorton Joe 230-1811
9 Maxwell Wm
10★Rovang Stanley W 239-6983
1226 Vacant
1232 Wilshire Todd 235-0547
1235 Lease Northwest Inc leasng 234-7201
Rent-A-Wreck Of E Portland used car rentals 234-7201
SE 13TH AV INTERSECTS
1305 Vacant
1313 Apartments
1a★Getzlaff Craig 232-3769
1b★Wallmark N
2a★Huget Clint 234-0133
1316 Richter Edwina M @ 232-5305
1323 Sigler Gerald 232-8082
SE 14TH AV INTERSECTS
1403 Oregon Screen Impressions custom screen printing 231-0181
1405 Wellesley Court Annex 232-9179
61★Wise Howard J 231-2779
62 Kagan Lee 234-8837
63 Lopez J
64 Keeton P
65★Perkins John L 234-7035
66★Kennedy Jacqueline 230-9227
67 Donisi Carl D 235-4637
68★Estill Jeffrey 236-1566
1407 Vacant
1410 Belmont Court Apartments
BSMT★Karp Juel 235-9126
101★Johnson Robt
★Taylor Winona
103★Danstedt Diane
104★Derheim Larry
105 De Shane Alan 232-5406
106★Flowers Gary
107★Winter Daisy
108 Vasser Gerald A 233-9620
109★Carpenter Rachael
110★Cornforth Robert 235-6291
111★Vanderkin Michl 233-7609
112★Hunter Ronald D 231-9340
201 Eads E E 235-1086
202★Bobo Aubrej
203 Littlefield Ray
204★Maloney Catherine 236-7415
205★Perrier Mary Anne
206★Phillips Jon
207★Stevenson Jeff 235-0446
208★Walters Fred
209 Seeder Eldon L 238-1279
Klippsten Clarence
211★Conover Stephen R 236-7198
212★Howard Nancy A 233-9544
301★Wilcox James 231-0196
302★Morris Anna M 233-9081
303★Carolus Donald
304★Hull Erik J 231-9031
305★Myrick Michael
306★Pattee Craig R 235-5046
307 Roadruck Kim 231-6003
308★Kikuharu Abel
309★Hadley Nancy
310 De Loff Dale
311★Sholpe Regina
312★Devera Teresita
STREET CONTINUED
1422★Nolan Roberta H Mrs
SE 15TH AV INTERSECTS
1503 Scott Edw A
1506 Farmer Christine Mrs Beaverton Green Eleanor Mrs
1509 Vacant
1514★Scott Ed
1517★Thompson Patricia L 236-0165
1522★Poostpasand Morteza 239-0250
1524★Steflik B L 234-0069
1525★Landers Jess C
1535★Peterson Benard 233-2752

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SE 16TH AV INTERSECTS
1604 Berg J Albert 234-5658
1611 Pembrooke Apartments
101 No Return
102 Rozek Harry J 236-7884
103 Miller Louis
104 No Return
201 Vacant
202 Nolan Richd C 235-2810
203★Johnson John
204 Vacant
205 Vacant
206 No Return
301 Vacant
302 Vacant
303★Freeman Harvey 231-1375
304 Vacant
305 No Return
306 No Return
STREET CONTINUED
1618 No Return
1625 No Return
1626★Nelson Peggy Mrs
1627 Vacant
SE 17TH AV INTERSECTS
1704 Lonseth Bill
1706 Hodgson Aloha C
1710★Pade Fred A
1716★Carr Jim 231-7670
1718★Cokely Bee 233-9569
1728★Tetrick Todd L
1728½★Mayo James L 235-2837
1734 Apartments
1 Vacant
2 Vacant
3 Vacant
1742★Burns Steven 234-2383
SE 18TH AV INTERSECTS
1808 Columbia Academy The pre sch 297-3075
1875 Matteson Glenn Co Inc pharmaceutical prod 234-7391
SE 19TH AV INTERSECTS
1919 V W R Scientific Inc photo & graphic art saps 234-9272
SE 20TH AV INTERSECTS
2003 Battery Exchange 232-6584
2021 Albright Glass Co 234-9749
2034 Careco Sup (Annex)
2035 Vacant
2038 Careco mech mtce & repr 230-1216
2045 Nagel Body & Fender auto repr
2051★Weltz Glenn R @ 236-1311
SE 21ST AV INTERSECTS
2100 International Copier System 230-8800
2103★Parker Denise
2116 Doherty Ann L @ 236-3821
2119 Tice Electric (Annex) 233-8801
2121 Tice Electric (Estimating Ofc) 233-8801
2122 Smith
2124 Vacant
2126 Vacant
2128 Thead John @ 236-4219
2138 Belmont Chiropractic Clinic 232-4060
Opsahl Gerald F chiropractor 232-4060
2139 Tice Electric Co contrs 233-8801
2140 Opsahl Gerald F @ 236-2989
2146 Apartments
1 Krueger Bertha
2 Couch Eric N Mrs 236-8519
3★Stanton James
SE 22D AV INTERSECTS
2208 Baumgertin Roger 239-4294
2212★Fields Gene
2214★Williams J Watson Plumlee D J
2222 No Return
2231 Fox Judith
2236 De Vall Suzanne sup luggage hd pntd fabrics 233-7368
2239 Huss Walter L Rev

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SE 23D AV INTERSECTS
2300 Priority Products Inc herbs & roots 239-5949
2304 Christian School Foundation organization misc 239-5949
Help America schs & college 239-5949
Help-U Enterprises health foods ret sls
2309 Taylor Made Cabinets 236-8471
Taco Tico restr
2324 T V Mart Rental 234-7461
2327 Sacharkiw John L 239-4832
2331 Vacant
2336 Oregon Coalition Against Domestic-Sexual Violence social agcy 239-4486
No Return
2339 Hart Jessie M @ 232-5532
2341★Perkins James A 235-1058
2344 Farlin Emma D Mrs @ 236-0945
2402 Fry-Loftis Christine @ 234-6713
2411 Market Club Restaurant 232-0294
2412 Berry Hugy
2412a Vacant
2420 Dale's Catering Service Inc 234-9948
2423★Duong Nhon 238-2908
2426 Dale's Catering Serv (Stge)
2431 Drozdek Anton 238-4460
2434 Weaver Wally W
2435 Vacant
2440 Vacant
2442★Bushman Clara A
2445★Adams Anne M
2450 Vietnam Veteran Outreach Center social agcy 231-1586
2452 Seagraves Keith T 231-7234
SE 25TH AV INTERSECTS
2502 Techni Photo commercial 234-3689
2508★Mac Farlane R
2510 Vacant
2511★Ward John H 231-1020
2512 Vacant
2518 Vacant
2519 Eight To One Store No 1 gro 235-6789
2520★Rau
2522 Vacant
2524 Hoefling Sinclair
2525★Williamson Monique
2527★Thompson J E
2534 Korea House restr 236-7349
Lee Kung W
2535 Vacant
SE 26TH AV INTERSECTS
2600 Unitax (Br Of Tymshare Inc) data processing 231-0123
2622 Bar Room Buddies 231-8321
2623 Brock Dennis C 236-1438
2624 Vacant
2626 Vacant
2628 Bar Room Buddies addl sp
2637 Paint Specialties Laboratory 231-8258
SE 27TH AV INTERSECTS
2701 United Front Book Store 233-9270
2702 Bel-Linda Apartments 233-7376
★Kim Tae Joo 232-9274
2703 Jeter Robt D 236-7410
2704 Sails Scott
2705★Cove Lyle 232-4802
2706 Epperud Letha Mrs
2707 Live & Let Live Club 231-4829
2708 Vacant
2710★Laidlaw James A 233-1271
2712 Vacant
2714 Vacant
2715 Casebeer Roy Real Estate
Cat's Eye The consignment shop 231-0002
★Casebeer Roy
2716 Vacant
2718 Vacant
2720★Loper Dee 232-1608
2721 Fou Lee Market grocer 239-0215
2722★Nash Allen B 239-4678
2724 Vacant
2725 Quick-Clean Center self-serv indry
2731 Warren's One Hour Martinizing cln 236-8927
2732★Andrews A 239-5155
★Chang P C 231-4889
SE 28TH AV INTERSECTS
2801 No Return
2808 Volunteers Of America (Group Home) 238-0907
2822★Gibbs Carol 230-8051
★Ayres L
★Haindal L J 232-4032
Vacant
2829 Belvedere Apartments 236-2282
101★Kozloc Mary
102★Bailey Robt
103★Soidello Martin B 233-7263
104★Lawrence Meinetha D 233-9415

INCWIDTHS 2
PORTLAND, OREGON 97204

A Service of American Network, Inc.

N WASHBURNE AV—Contd
8011 Patterson Joseph E ◎ 285-3477
8016★Thomas Steph R ◎ 286-2186
8017 Hall Bruce W 285-8468
8024 Biederman Leota M Mrs ◎ 289-9515
8029 June Lyman H ◎ 283-6796
8040 Vacant
8101★Curtis Willie ◎
8110 Phillips Alyson 285-6070
8111 Vacant
8118 Harvey Charles E ◎ 289-9681
N KILPATRICK ST INTERSECTS
8203 Schmid Clark F ◎ 289-0306
8204 No Return
8209 Kern Robt J ◎ 285-8182
N HALLECK ST INTERSECTS
8225★Lee Garnell A 285-3976
8226 Lewis Donna J Mrs ◎ 285-9937
8261 Schuck Jean L Mrs ◎ 289-2651
8267 Attig Ruth Mrs ◎ 289-1758
8270 Mc Cormack
8275 Tolman Judson R ◎ 289-7858
8289 Bryan Harold ◎ 289-7295
N ARLINGTON PL INTERSECTS
8303 Lund Edith B Mrs ◎ 285-5195
8312 Crolley James C ◎ 283-2063

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N WILLIS BLVD INTERSECTS
8504 Duncan Myrtle P Mrs ◎ 283-5932
8505 Potter Richd A ◎ 289-5719
8529 Brekke Bjarne M ◎ 289-1912
N ARGYLE ST INTERSECTS
8612 Foreman Douglas A ◎ 285-4497
8626 De Deleveaux Sarah L Mrs 285-8625
8628★Walton Alvin V 286-1264
8635 No Return
8638 Mc Swain Delbert ◎
8650 Tipton Richd L 289-2412
N FOWLER CT INTERSECTS
8702 Maxie Thos R 283-3613
8714 Wicker Roland J ◎ 283-3690
8715 Milsten Earl N ◎ 289-7185
8722 No Return
8727 Kott Joseph D 286-8889
N CHAUTAUQUA BLVD INTERSECTS

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WASHINGTON ST SE —FROM WILLAMETTE RIVER EAST 2 NORTH OF SE MORRISON ST

ZIP CODE 97214
SE WATER AV INTERSECTS
SE 1ST AV INTERSECTS
66 Vacant
68 Vacant
Northwestern Ice & Cold Storage Co 234-9511
S P CO TRACKS CROSS
107 B & O Warehouse 232-4181
Econo Products Inc pntg prod sls 232-5658
Oekerman Sales food brokers 238-2919
Sahlin W G Imports sahlin imports 232-1883
110 Dealers Supply Co Inc bldg matl 236-1195
139 Spenopoulos Nick Wine Co 233-8753
Westling Co mfrs rep 238-0161
SE 2D AV INTERSECTS
201 Webfoot Fertilizer Co Inc whol 235-8761
204 Rexotic Products small animal feed 239-5770
216 Apollo Pet Supply Co Inc animal care prod 239-5768
SE 3D AV INTERSECTS
302 Stge
307 Snack Shack Concession Sup popcorn 235-2355
SE UNION AV INTERSECTS
425 Vacant

938

SE GRAND AV INTERSECTS
SE 6TH AV INTERSECTS
SE 7TH AV INTERSECTS
704 Radar Electric Inc 232-3404
SE 8TH AV INTERSECTS
815 Terrace Court Apartments 232-0492
101★Huihui Jimmye M
102 Nelson A
103★Hill Roy L
104★Powell Diana
105★Powell Ray W 236-4660
106★Carmichael John
107★Mc Roberts Paul
108 Johnson Victor 238-4634
109★Orders Doreen 239-0773
110 Vacant
111★King George
112 Dobrowsky Herman 234-7060
114★Street Howard
115★Cordova Federrico
116★Vorhaver Federrico 232-9521
117★White Robert
118 Vacant
119★Hintz Marie
120★Wade David
121 Vacant
122★Hastings Ola 234-3723
123★Hornabrook Frank
124★Proffit Caroline
125★Cox James
126★Parish Ronald
127 Vacant
201★Hilt Hartley
202★Thomas Wendall E
203★Hawkins Guilford Jr
204★Stark Craig M 239-5030
205★Evans Cheryl
206★Hood Douglas
207★Frederick Frank
208★Zane Timothy 233-7321
209★Basurto Rosa
210 Vacant
211★Tines Geneva 234-3714
212★Berkey Richard
214 Wegert Thos
215★York Wm
216★Dennis Richard
217★Workman Ronda
218★Sullivan Sharon
219★Henry Donald P
220 Weiderspan Jack 236-1832
221★Carlson Michael 232-0745
222 Stevenson Albert
223★Gilliam Michael
224★Keizer Gordon
225★Collins Mark H
226★Morris Murl
227★Johnson Michael
STREET CONTINUED
840 Copco Refrigeration Inc sls serv-installation 238-5512
SE 9TH AV INTERSECTS

180

SE 10TH AV INTERSECTS
1005 Lewis Brothers Inc whol meat 234-5284
1012 Schoepper Agency Inc ins 233-5678
Giannetti Insurance Agency 231-7146
1034 Nyleta Court Apartments
2 Wickes Lois A 236-8638
3 Vacant
4★Carpenter Dani
5★Nwankwo Onwuchelu 232-9251
1035★Snyder Jeffrey B 230-0368
1037 Vacant

182

SE 11TH AV INTERSECTS
SE 12TH AV INTERSECTS
SE 16TH AV INTERSECTS
1605 Gibson Rudy ◎ 238-3792
1621 Carol Apartments 232-4204
Kuja Helen S
1623 Blasser Ann E 239-3508
1625★Loraine Susan 233-6353
1627★Gill Victoria
1631 Littlechild M 235-7422
1633 Ogier Devonna
1635★Anderson M L 230-0626
1637★Schulbach C A 238-0659
1641 Anderson Ronald G
1643 Willbach Eliz Mrs
1645★Robbins S 236-7481
1647★Mc Guire S E 233-7335
SE 17TH AV INTERSECTS
SE 18TH AV INTERSECTS
1803★Eisenberger Kate A 232-1304
★Woodward S
1809 Henderson Robt H ◎
1813 Herrick H 239-9139
1817 Ding Robt T ◎ 236-1531
1823 Lai Nem Hung ◎ 235-2075
SE 19TH AV INTERSECTS
1904 Vacant
1916★Snider Karen E
1918★Hollis B 233-8571
1922 O'Donnell Eileen
1926 Vacant
1927 Wilson Jesse
1935 Amherst Apartments
1★Walsh Daren L
2★Eadler Curtis
3 Clark H Bruce 234-3171
4★Martin Michl J
5★Wood Ruth

184

SE 26TH AV INTERSECTS
2604★Mc Cormick Ruth
2614★Reasoner Thos G 231-0386
2622★Garrett Florence M ◎ 232-0470
2626 Vacant
SE 27TH AV INTERSECTS
2704 Leech David 231-1148
2705 Meanea James
2709 Vacant
2713 Murphy David C
2716★Torrence Susan E 234-6608
2717★Quinn Phil 239-6549
SE 28TH AV INTERSECTS
2809 Apartments
1 Vacant
2 Vacant
3 Vacant
4 Vacant
5 Vacant
6 Vacant
7 Vacant
8 Vacant
2823★Cogburn J M 235-4117
2825 Filsinger Jack L 232-2819
NE 29TH AV INTERSECTS
2904★Harkema D L 238-0387
2905 Rubens Sanford K 232-3891
2906 Welch S
2907★Williams David 238-1135
2908 No Return
2909★Robison Craig 230-9331
2911 Bergesen K L
2912★Hiner Tim 231-2559
2913 Fitzgerald Michl E 234-9431
2914 Katsapis Arth 234-5685
2921 Cynthia Villa apts 236-2800
Fox Wm W 231-8851
2923★Consuelo Araoz
2925★Lasko Rita L 235-4318
2926 Vacant
2927★Storment Bradley
2929★Anderson Dorothy R 232-9410
2931★Hutton Betty J Mrs
2933★Simpson Eleanor 233-1291
2935★Henry Harlan A 236-2800
2937★Powers Jos
2938 Lovrien Lelah W 231-8848
2939 Vacant
2940 Crabtree Viola
2941 Kocha Hans H 234-2885
2942 Beveradge Alice Mrs 236-1752
2943 Novack Judith A 235-9328
2944★Plance David L 231-0261
2945 Sasaki Paul K 233-1611
2947★Parks Jae
2949 Buchanan Dani L 238-6073
2951★Oconner Beverly
2953 Cook Roh J
2955 Vacant

186

SE 33D AV INTERSECTS
3303 No Return
3305 No Return
3317 Lokting John M 234-8120
3324 Reaves Jeffrey P 234-2746
3328 No Return
3330 Vacant
3331 Oberfoell Jeanette 236-9728
3335 Mc Anally Lonnie A ◎ 236-2765
3336 Miller Phillip 236-1611
3345 Brande B J 233-1423
3349 Thompson Irene L 235-8009
3355 Michael Verna
3359 Williams Robt J ◎ 235-2831
SE 34TH AV INTERSECTS
3404 Horak Philip L ◎ 233-9150
3416 Craig Russell B ◎ 234-1986
3420 Coan Jas 236-8101
3423 Schile Steven M ◎
3429 Friedstrom Chas S ◎ 236-3614
3436 Southworth John ◎
3437 Cosgriffe Rick ◎ 236-2852
★Mc Kay Scott 231-6439
3447 Anderson Melvin C ◎
3448★Nolan Dennis F 232-7346
SE 35TH AV INTERSECTS
3508★Fatland Mary T
★Mc Neil Timothy
3515 Apartments
1★Amos Jeff S 236-3414
2★Webster Hayward 230-9016
3★Murphy David
4 Vacant
3516 Romfo Odney M ◎ 235-0442
3525 Smith Robt D Jr ◎ 231-9094
3528 No Return
3529★Miceli N 235-4151
3533 Vacant
3534 Mooney Randall L ◎ 232-1102
3543 Anderson Victoria A ◎ 236-1561
3544 Apartments
1 Vacant
2★Prouty Karen S 236-3219
3★Brown Megan 236-3019
4★Keyes Peter E 232-5219
5 Bryan Carolyn B 233-1940
6 Vacant
3552 Novak Jo ◎ 236-4069
3555a No Return
3555b No Return
SE 36TH AV INTERSECTS
3603★Chin Janet
★Vallender M J 230-1077
3608 Vacant
3611★Doherty Maura 235-4108
3614★Ingram Carol ◎ 239-4050
3619★Stoffels Jeffrey 232-0370
3620★Harger Timothy 238-6810
3627 De Rouchie Alyce 231-6537
3628 Luehmann Terry
3632 Michaels
3633★Sams Teddy L ◎ 230-0506
3640 Caniparoli Donald G 236-5023
3643 Harrington Mike
3651 Haggstrom Enfrid A ◎ 232-0650
SE 37TH AV INTERSECTS
3704 Foster Margie C Mrs ◎
3708 Biggs Anna M Mrs ◎ 232-7973
3716 No Return
3717★Davis S 233-7291
3723 Shields Frank W Rev ◎ 236-2384
3724 Gustav Thos W ◎ 234-4415
3731★Loghary Keenan W
3739 Callaway Michl J 233-8255
3740 Meckel John F ◎ 236-1486
3746 Chapman Alvina E Mrs ◎ 236-4077
3747 Hefferman Francis X 233-2765
SE 38TH AV INTERSECTS
3817 Starr Dorothy A Mrs ◎ 232-1810
3819★Matthews Brent A 231-1256
3823 Lorey James J ◎
3829 Schulz Wm G 238-1638
3840 Oregon Literacy Inc bookstore 232-9116
3843 Disc Ofc Sup (Annex)
SE 39TH AV INTERSECTS

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SE PEACOCK LA INTERSECTS
SE 41ST AV INTERSECTS
4101 Culver Kenneth T ◎ 232-0976
4102 Carter Joe C 234-3595
4107★Vaugh Synthia 232-8879
4107a★Russell Karl 232-7694
4115 Miller Alex ◎ 236-3908
4125 Ng Sheung Hon 232-3777
4126 Werner Andy B ◎ 236-0207
4132 Vacant
ZIP CODE 97215
4204 Fischer Reuben R ◎ 235-1331
4212 Schultz L E ◎ 235-3042
4215 Watkins Frank E 232-3366
4221 Taylor Wm M ◎ 235-6354
4224★Compton Aubrey 236-5183
4233 Rosario Bonnie Mrs
4234 No Return
4242 Fransen Geo F ◎ 236-3629
4253★Johnson Lyle E ◎ 231-7759
4254★Dustin Debbie
4272 Eddy Ethel L ◎ 235-1784
SE 43D AV INTERSECTS
4305 Lee Allen S ◎ 236-1402
4306 Kniffin Helen L Mrs ◎ 231-9966
4316 Masson Eva M Mrs ◎ 235-1867
4317★Cervone Kelly
4326 Osilla Jess F ◎ 234-7917
4327 Sweeten A Dorothea Mrs ◎ 235-6318
4329 Domgorgen Irmgard E Mrs ◎
4334 Vacant
4405★Bond Howard K ◎ 236-8382
4410 Ellwein Warren H ◎ 235-9082
4411 Cosma Vera E Mrs ◎ 236-7618
4419 Vacant
4421 Peak Robt C 239-7270

190

SE 52D AV INTERSECTS
5204 Sullivan Tom 235-7043
5205 Washington M
5224★Stearns Nellie M 231-7886

192

SE 53D AV INTERSECTS
5304 Olinger Nancy C Mrs ◎ 231-9296
5315 Schille John P ◎ 232-1837
5327 Bertoli Francis L Mrs ◎ 234-4893
5335 Glosenger Robt J ◎ 232-9052
SE 54TH AV INTERSECTS
5413★Mayhew Mich 236-4311
5414 Binney Peter D ◎ 232-9064
5428 Madsen Eunice F ◎ 234-1813
SE 55TH AV INTERSECTS
SE 56TH AV INTERSECTS
SE 57TH AV INTERSECTS
5704 Kuppers Esther M Mrs ◎ 236-5704
5705 Nielsen Dani S 231-8241
5712 Bellerby Wm J ◎ 234-2108
5715★Imfeld Tec 238-6281
5718 Baker Leonard W ◎ 238-0525
5723 Meyers Walter A ◎ 231-1882

196

SE 74TH AV INTERSECTS
7404★Hitchener Phil ◎ 253-7216
7405 Davis Cecil L 252-4440
7422 Carter Carol Sister 253-5864
7436★Hastings Donald G 255-8323
7523★Vasilatos Georgia 252-8969
SE 76TH AV INTERSECTS
7604 Stensli Larry
7605 Rossinck F 256-0159
7611 Mayhew Mike
7613★Lamsies Martin 253-9157
7614 Pedersen Paul E ◎ 253-0904
7621★Young Ray 252-6980
7622★Christie Jo Ann E 253-8314
7634 Palmer Ruth E ◎ 254-2491
7635 Campagna Joseph L ◎ 253-8344
7645 Vacant
7646★Jacobs Helen M 253-4184
7700 Martin Dan 252-4356
7702 Eason Dade
7706 Diamond Orville C ◎
7714 Mc Nally John S ◎ 255-9970
7715 Jones Colette R Mrs ◎ 253-9998
7730★Newman A J 254-4249
Simpson Ray G Mrs ◎
SE 78TH AV INTERSECTS
7822 Pearson Robt M ◎
7832★De Lay Yvonne M 252-2999
7836★Haggard Gregory 255-2280
7903 Caputo John 256-2419

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Home Entertainment video equip whol 283-1757

146
WYGANT ST NE —FROM 4821 N WILLIAMS AV EAST

ZIP CODE 97211
25 Frazier Elmer @ 288-2836
NE CLEVELAND AV INTERSECTS
54 Earvins Robt L 281-0987
57 Apartments
1 Smith Lydia F 281-0216
2 Hampron Alvin
3 Kaib Fred L 282-1861
4 Vacant
5 Culpepper Georgia Mrs
6 Jones Robt L
75 Saint James Pentecostal Church 282-2052
80 No Return
82★Corwin Lynn
84 Dansby Dennis 288-2377
86 Bates P A 249-2050
NE RODNEY AV INTERSECTS
105 Patton Joe W
106 Cartwright Alan K 284-4556
112 Bradford James 284-9159
117★Danielson John 287-2199
133 White Perlene H Mrs @
NE MALLORY AV INTERSECTS
204 Vacant
206★Rolette Grant 284-4885
216 Vacant
NE GARFIELD AV INTERSECTS
305 Vacant
309 A & H Printing Services 284-2359
319 Vacant
NE UNION AV INTERSECTS
424 James Iris Mrs
436 Rentie Aluster M Mrs @ 249-0713
NE GRAND AV INTERSECTS
NE 6TH AV INTERSECTS

144
NE 8TH AV INTERSECTS
833 Myers Deborah S Mrs 288-2529
NE 9TH AV INTERSECTS
916 Roth Paul E @ 284-0183
NE 10TH AV INTERSECTS
1003 Hanson Gretrude T Mrs
1006 Mc Clain Sherman W 282-9360
1014 Jackson Decovan 288-1008
1017 Stroud Perry M @
1025 Carter Lionel 281-5719
NE 11TH AV INTERSECTS
1124 Patterson M A
1126★Riley Tyrone
NE 12TH AV INTERSECTS
1233 Schartman Susie 282-1128

142
NE 13TH AV INTERSECTS
NE 14TH AV INTERSECTS
N E 14TH PL INTERSECTS
N E 15TH AV INTERSECTS
NE 16TH AV INTERSECTS
1606★Boyle Michl @ 287-6803
1607★Ritterman Robin B 281-4760
NE 17TH AV INTERSECTS
NE 18TH AV INTERSECTS
NE 19TH AV INTERSECTS
1904 Pittman Willis E @ 281-8605
1905 Borgen Duane V @ 284-8077
1914 Hughes Larry L @
1915 Worthington Donald J @
1923★Ray Kimberly H Mrs @ 284-7215
1933 Vacant
NE 20TH AV INTERSECTS
NE 21ST AV INTERSECTS
2104 Neal Robt
2112★Moore Ethel M
2124★Perez Diane L 285-4395
2125 No Return
2127 Edmonds Penny A 284-7579
2133 Cline Don @

140
NE 22D AV INTERSECTS
2210 Vacant
2236★Miles Jerry L 287-1849
NE 23D AV INTERSECTS
2314 Stacy Mark M @ 284-5831
2315 Morillo Patricia J Mrs @ 284-4513
2327 Renfrow Leonard M @ 288-7845
NE 24TH AV INTERSECTS
2416 Lezak David J 282-1825
Wygant Scientific Inc 284-4887
2425 Dann V 281-6500
2435 No Return
NE 25TH AV INTERSECTS
NE 26TH AV INTERSECTS
NE 27TH AV INTERSECTS
2727 Brooks Edgar
2735 No Return
NE 28TH AV INTERSECTS

138
NE 29TH AV INTERSECTS
2923 Vacant
3002 Dietrich Veneer Sls wood paneling sls 285-0667
NE 30TH AV INTERSECTS
NE 31ST AV INTERSECTS
NE 32D PL INTERSECTS
3255 Tilton John W @ 287-9838
3259 Lysne C A @ 282-4688

369
NE 122D AV INTERSECTS
NE 135TH AV INTERSECTS

145
WYNDHAM LA SW —FROM SW FAIRVIEW BLVD SOUTH WEST 1 NORTH OF SW BARROW LA

ZIP CODE 97221
1308 Beatty H Mac Jr @ 223-5860

89
YALE ST N —FROM 6917 N OLIN AV WEST

ZIP CODE 97203
4750 Davis Ruth M Mrs @ 289-0603
4767 Thompson Howard R @ 289-2012
4768 Oberg Vernon J @
4773 Thompson Elmer S @ 289-5726
4776 Galipeau Joseph A @ 289-3550
4779 Semperboni Edw J @ 289-3818
4782 Robinson Kimberly A Mrs @ 286-2314
4785 Salvo Michl N @ 289-3534
4788 Hertzler B L 283-4788
4792 Erickson David E @ 286-4525
4795 Fettig Sylvester @ 285-1544
4796 Hill Eliz A Mrs @ 289-9536

91
N FISKE AV INTERSECTS
4818 Haven Elbert L @ 289-5205
4823 Dodson James W @ 289-5220
4829★Tuttle Melvin D 289-5263
4830 Kenworthy Doris
4837 Draper Alison M 285-9440
4840★Wampler Marcie E 283-4072
4845 Wright Desmond W @ 289-0885
4900 Valleur John T @ 289-2061
4909 Nufer Robt J @ 289-3666
4912 Vogt Ruth W @
4921 No Return
4922★Hanson Harold 285-1358
4928 Scougale Floyd B @ 289-7543
4933 Tish Celena Mrs @ 289-4692
4941★Keller Kathleen A 286-9175
Pehonick Alice
N HAVEN AV INTERSECTS
5009 Cahill Robt @ 285-9749
5012 Maresh Edmund J @ 285-6525
5022 No Return
5023 Valentine Anne C Mrs @
5032 Beardsley Norma M Mrs @
5104 Hermens Paul H @ 289-5054
5105 Reynold Russell
5115 White Robt 289-2192
5118 Sloop John C @ 289-5005
5129 Wiglesworth Earl H @ 289-7316
5130★Ake Philip @ 283-4199
N HODGE AV INTERSECTS
5212 Meyers Homer D @
5215 Huber Michl W @
5222 Balaski Michl J @ 289-4987
5225 Frawley Kenneth E @ 289-2729
5227 Penman Percy E @ 289-8329
5230 Berning Dean 283-2330
5237 Vacant
5238 Graiff James H @ 289-7764
5241 Weitzel Henry J @ 289-2065
N STANFORD AV INTERSECTS
5253 Norris David A @
5254 Fahrer John D
5261★Bluman Dale
5267 Luening James R @ 289-6714
5268★Palmer Dean D 286-2590
5275 Moore Wayne C @ 285-4863
5282 Hull Jack E @ 285-8402

93
N PORTSMOUTH AV INTERSECTS
5330 Ito John S @ 289-6250
5333 Whitten Cilicia A Mrs @ 285-6922
5406 Heigel Rudolph W @ 285-3841
5407★Wood Gerald C 283-8238
5416 Brown Rick @
5427 Iverson Dwight F @
5428 Photo Conversion photog & illustration 285-3883
Hayes David F @ 285-3883
N VAN HOUTEN AV INTERSECTS
5508 No Return
5516★Martase John
5530 Vacant
5601 Astor John Jacob School 289-9490
5610 Hines Henry H @
N MONTEITH AV INTERSECTS
5705 Schott Saml @
5717 Hines Lucille B Mrs @ 289-8658
5718★Hoglund Dave S 283-4301
5801★Hayward Byrd 289-3359
5802 Fenimore Lloyd E @ 289-7108
5810 Cadus
5811 Rogers Russell C 286-2716
5822 Kindrick David T @ 283-5488
N MC KENNA AV INTERSECTS
5905 Dawalt Robt E @ 283-2738
5925★Cohrs Lyle E @ 283-0411
6015 Kruger Henry @ 289-2445
N WALL AV INTERSECTS
6207 Gardner Ronnie D @
6208 Stewart Doris B Mrs @ 286-4537
6214 Turner John C 286-4869
6219 Grimsrud Erna W Mrs 286-8464
6220 Vacant
6232 Saint Johns Painting 286-9665
Wingfield David R 286-9685
6301 Smith Arth C @ 286-8477
6302★Muscatell Clarence G @ 289-1276
N WESTANNA AV INTERSECTS
6405 Axtman Frank J @ 286-8604
6412 Stark Margt E Mrs @ 286-8166
6422 Steinfeldt Mary I Mrs @ 286-8579
6423 No Return
6432 Johnstone David L @ 286-8782
6433★Peebles Clara A 289-4573
6441 Plock Albert @ 286-8470
6442 Golik Danl A @ 286-8129
6452★Howard Jeffrey E 289-7780
6453 Estes Frank W @ 286-4994
6500★Williamson Rod G 285-1576
6505 Teegardin Clarence N @ 286-8438
6508 Hayes Ollie V Mrs @ 286-8190
6516★Bailey Kay S 286-0894
6517 Mandrones Nicholas @ 286-0222
6524 Vacant
6525 Eby Ronald D @ 286-8024
6534 Steen Darrell A 285-8353
N MACRUM AV INTERSECTS
6621 Ashworth Edw C @ 283-4267
6626 Tabshy Saml J @
6727 Vacant
6731 Wear David B 285-4016

208
YAMHILL CT SE —FROM JUNCTION SE YAMHILL ST AND SE 84TH AV NORTHWEST

ZIP CODE 97215
6465 Struzan John 232-0869
6545★Wright M M
6639 Plamondon R J @ 252-0404

236
YAMHILL ST SE —FROM THE RIVER EAST 2 SOUTH OF SE MORRISON ST

ZIP CODE 97214
SE WATER AV INTERSECTS
50 Promotion Products Inc displays & exhibits 234-0901
61 Promotion Prod Inc (Stge)
SE 1ST AV INTERSECTS
81 Vacant
111 Consolidated Elec Distr (Addl Sp)
115 Consolidated Electrical Distributors Inc 232-3142
116 Rent-A-Phone Corp 235-6778
SE 2D AV INTERSECTS
211 Nor-Air Inc htg equip distrs 234-0251
238 Arvey Paper Co ret & whol sls 231-5600
SE 3D AV INTERSECTS
334 Plymart (Stge)
SE UNION AV INTERSECTS
SE GRAND AV INTERSECTS

936
SE 6TH AV INTERSECTS
STREET CONTINUED
SE 7TH AV INTERSECTS
731 Gilbertson Machine Shop Inc 233-6491
SE 8TH AV INTERSECTS
SE 9TH AV INTERSECTS
909 Central Dispatch Inc truck broker 233-5495

232
SE 12TH AV INTERSECTS
1222 Fendrick T K 232-0843
1223★Lambert Linda K 232-2510
1225 Apartments
2★Davis Tod
3★Rodlin Allan
4★Hartsock Melody
5 Vacant
6★Scott Rick
7★Gonzales Tex
8★Gibson Lila
1227 Newberry Lane W
1235 Lewis Apartments
1 Simard Annette 234-2704
2 Finlayson
3★Gooch Brad 236-8561
4 Kuhl
5 Benson
6 No Return
7 Weiland
8 Baird Alan
9★Read Rudy
10★Schuh Melvin F 234-6935
11 Vacant
12 Lemere L
1236 Youth Progress (Group Home) 236-1829
★Smith Kenneth R Jr 236-1829
SE 13TH AV INTERSECTS
1★Rider Lance
2 Abelsen Arth 235-7349
3★Kuskie C
1311 Sallak Paul A @ 233-4136
1318★Patterson Tom
Mc Kean Carolyn 236-7390
1325 Apartments
1 No Return
2 Shaw Penny
3 Kubiak M 236-9401
4 No Return
5 Staderman Barbara J 287-4338
1333★Klein Jesse 239-0411

230
SE 20TH AV INTERSECTS
2004 Kinney S 232-9098
2006 Dillon Ruby L 232-6463
2007 Chilstrom Betty C Mrs Art Sup (addl sp)
2008★Picazo Gustavo 233-0427
2010★Fredrick Jan 234-2290
2012 No Return
2014★Warren G 232-8256
2020 Winkelman Walter E @ 232-6456
★Stachelrodt Leanna 233-5160
2025 Nichiren Buddhist Church 234-2844
2026★Burge David 238-2910
★Carrsyn Maureen 235-0418
2031★Arakawa Yohaku Rev 232-8064
2039 Technical Associates consulting engs 235-5267
Riley Jack C @ 235-5267
2045 No Return
No Return
SE 21ST INTERSECTS
2101 Bell Norma J Mrs @ 235-3278
2104★Rapp Andrew P 236-0800
2106 No Return
2107 No Return
★Steve Anna Mrs
2112★Charlebors Wendy
2115 Grafe David R 235-9802
2116 Martineau Ruth M Mrs @ 236-9238
2124 Trathen David 236-5874
2125★Khalsa H B 232-1739
2131 Fendley Cora G Mrs @ Edgington Margie A 233-2800
2134 Conklin Joyce R @ 239-0977
2137 Esterberg Glenn D @ 236-4975
2147★Jenkins David W
SE 22D AV INTERSECTS
2203★Cornett Paul 238-3524
2213★Davis Edmond 231-2904
2213½ No Return
2220★Sheffer Nancy J 235-9067
2230 Apartments
1 Vacant
2★Manter Pierre C
3★Bonks Ralph
4★Richardson Carol
5 Vacant
6★Smith Carl
7 Vacant
8 Taylor James L 233-0495
9★Morgan Fay 235-2259
10 Whalen Bert M 235-6776

224
SE 23D AV INTERSECTS
2305 Wegtert Dana M 233-9440
2310★Dolan Patk J 230-8928
2313★Sobocinski Leonard 238-9671
2322★Chang Simon M 235-8250
2323 Libby Molly 231-0713
2328★Beck Donna M @ 233-7327
2331 Forsyth David @ 239-5825
2332★Smith-Dixon Craig M 236-3135
2338 Schurman Frank @ 235-5015
2339 Mac Gillivray Donald B @ 234-6354
2343★Smith M 239-6076
2345 Estes Vicki D Mrs 232-1365
2348 Janney Margueritte E Mrs @ 234-1736
2401★Falkenhagen Kim 230-8865
2403★Nguyen De 231-1839
2405★Roff Larry
2406 Yorkshire Manor Apartments
1 Schiff Matthew 231-8572
2★Blake Richd D 236-6068
3★Huuckins Ted 231-8763
2407 No Return
2409★Dotson Ronald L 230-1132
2411 Vacant
2413★Valerio Rosa A 236-9118
2414 Lesman Alan P @ 231-8604
2415 No Return
2422★Turpin Thos J 235-9638
2424 Vacant
2425 Burton Thos Surveying & Engineering 231-9268
Burton Thos H @ 239-0236
2426 Vacant
2428★Garvoille Wm O @ 236-1903

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626 Stuart Jerry A ◎ 288-1180
629 Wilson Frank 288-2988
633 Rudy C 284-8223
NE 7TH AV INTERSECTS

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NE 33D AV INTERSECTS
3311★Rohwer Hedwig R Mrs ◎
3325★Sutton Arabelle E Mrs ◎ 287-4066
3333★Brown David L ◎ 282-0304
NE 34TH AV INTERSECTS
3411★Rusche Frank R ◎ 281-9029
3421★Johnson Wallace A ◎ 288-1679

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NE 35TH AV INTERSECTS
3503 Dike Cecil R Jr pntg contr ◎ 281-3622
3515 Frazer Elmer R ◎ 287-5331
3533 Johnson Thos E ◎ 287-0647
NE 35TH PL INTERSECTS
3553 Smith
3558 Tominaga Dennis K 284-9038
3562 Holland Brandt M ◎ 282-4486
3563★Roberts Randall L ◎ 281-9151
3566 Wold Ellen P ◎ 287-1711
3569★Petrina Jack M 282-2196
3572 Joaquin Joe ◎ 284-5717
3575 Kuebler Marion D ◎ 287-0554
3576 Walker Robt C ◎ 287-7668
3580 Regen J 281-9950
3583 Tennyson Charles B ◎ 284-7615
NE 36TH AV INTERSECTS
3636 Crick Rolla J ◎

102

NE 68TH AV INTERSECTS
6824 Hillman Thos D ◎ 288-0816
6825 Klindtworth Louis O ◎ 287-7175
6834 Smith T 284-6693
6842 Stone James E ◎ 287-8161
6843 Goodwin Bonner 282-9420
6852 Olebring Nils H ◎ 287-3208
6855 Fox Eliz J Mrs ◎ 281-2959
6903 No Return
6904 Schwartzkopf Chris 287-7519
6913 Vacant
6914 Gunach Richd A 282-0190
6920 Grove Sonja C ◎ 287-8659
6921 Bent Philip 282-0569
6954 Leonard James E ◎ 287-6487
6962 Odell Ralph W ◎
NE 70TH AV INTERSECTS
7011 Cole Naylor Jr ◎ 282-5852
7021 Vacant
7030 Udris Eliz Mrs ◎ 287-3674
7033 Stearns Mary J Mrs ◎
7038★Goldman Victor L 281-3044
7101 Mc Kinley Mary A Mrs 284-8213
7106 Hungate Hollis D ◎ 284-0754
7111 Vacant
7123 Brown Nits M Mrs ◎ 284-1010
NE 72D AV INTERSECTS

86

ZIP CODE 97213
7512 Henshaw Keith D ◎ 254-3904
7524 Schubothe Kurt ◎ 255-7178
7534 Richert Saml E ◎ 254-3180
7544 Foust Jimmie C 254-3945
7556 Jones Marion H Mrs ◎ 255-3650
Angelovic Carol J 254-1934
NE 76TH AV INTERSECTS
7626 Otnes Mary D Mrs 254-8156
Otnes M K 256-5237
Otnes N M 255-3092
7636★Macleroy Bob M 257-0674
NE 77TH AV INTERSECTS

192

MORRISON CT SE —FROM SE MORRISON ST NORTHWEST 1 NORTH OF SE BELMONT ST

ZIP CODE 97215
6302 Peterson Mark B ◎ 238-2984
6320 Kotkins Walter B ◎ 231-0552
6336 Woodley Robt F ◎ 234-9428
6348 Branson Elda
6351 Hillman David E ◎ 234-3590
6407 Cogan Leonard
6411 Prince Richd W ◎ 236-6847
6423 Cogan Vincent ◎ 236-7607
6441 Heckendorn Bruce ◎

236

MORRISON ST SE —FROM WILLAMETTE RIVER EAST 1 SOUTH OF SE WASHINGTON ST

ZIP CODE 97214
SW 1ST AV INTERSECTS
SE WATER AV INTERSECTS
66 Guisti Al C Wine Co wine distr 232-4124
130 Vacant
SE 2D AV INTERSECTS
215 Northwestern Transfer Bldg 232-2121
Lobby Paper Chase The sec-answering serv 232-8273
Rooms
101 Columbia Business Machines 231-0844
200 Allied-Kelite Products stm cln equip 235-2492
200 Beaver Tool Engineering mach tools 232-1816
200 Best Chem Co ind chem whol 232-8527
200 Chapman Chemical Co wood prod chem 238-1456
200 Best Chem Co (Ind Serv Div) 232-8546
200 Northwestern Transfer Co 232-2121
200 Tidewater Commercial diamond tools 232-1816
200a Downey Jim Sales Co Inc furn sls rep 239-8907
202 Anchor Hocking Corp 235-1224
203 West Coast Chemical 231-1035
204 K & M Contractors Service data processing 233-9128
205 Vacant
206 Vacant
207 Wiley-Bayley Inc insulation sls 235-0177
208 Winn Hugh L furn whol 232-2121
215 Hotsy Inc ind cln supa whol 224-9200
217 Vacant
219 C P C Equipment Co ofc equip 238-6998
229 Vacant
230 Inter Royal Metal mfrs reps 232-2121
230 Interior Space Design coml & ofc design & furn 232-3183
Service Business Forms Inc 231-0782
232 Klosterman Thos K real est 232-2765
233 Air Agents Inc mfg rep 236-7263
234 D & B Specialties genl contrs-gutters 232-2121
234 Manufacturers Sales Co mfrs rep 235-0412
235 Allied Distributors Corp glass dlrs 235-1224
ZIP CODE 97214
STREET CONTINUED
301 Barbi's Cafe restr 235-2381
326 Watson Printing Co 236-4348
335 United Glass & Bottle Co prod broker 235-4214
SE UNION AV INTERSECTS

936

SE GRAND AV INTERSECTS
502 Capital Financial Services 234-7427
504 Afternoon Delight restr 232-7827
510 Employment Opportunities Personnel Agency 231-5771
511 Citizens Shoe Shop 232-6862
516 Weatherly Building
1 Horizons Unlimited financial phg 231-0931
Unlimited Secretarial Service 235-2221
1 Data Law West Co computer sup ret 231-1678
1 W E O Systems educ counselors 231-1678
3 South-Central Timber Developement Inc 231-0727
7 Diamond Parking Inc 235-4931
200 State Adult & Family Serv 238-8432
202 State Children's Services Div 238-8446
300 Columbia Mortgage Co 222-7980
400 Atlas Life Insurance Co (Ofc) 234-7293
420 Pacific Talent Booking Agency 231-1797
440 Spada Teresa S cpa 231-8110
500 Bouneff Muller & Marshall (Ofc Sp)
555 Bouneff Muller & Marshall lwyrs 238-9720
600 Columbia Mortgage Co 222-7980
630 Columbia Mortgage Co (Addl Sp)
700 Becker Henry G acct 231-4127
705 Select Marketing Co prod brokerage 234-0635
710 Institute For Public Affairs Research Inc 233-6581
720 Inst For Pub Affairs Research (Addl Sp)
725 I T T Aetna Corp
730 Honeywell Inc (Terminal Prod Field Oprns) 233-2172
735 Burbach David J acct 232-7903
800 Burns Bros tires whol 238-7393
820 Sunkist Growers Inc 232-8103
830 Rankin Finance Co 232-4161
840 Vacant
850 Centauri Corp computer sls 238-1320
860 Columbia Financial Services counseling 239-6869
900 Vacant
901 Paul Revere Life Insurance Co The 234-5441
920 Vacant
930 Vacant
950 Innerchange hypnosis & counseling 238-1997
1000 Contacts Influential Corp mailing lists 236-2141
1000 Center Line International Inc real est 234-9916
1006 Haeder Richd lwyr 238-8888
1008 Northwest Attachments Inc forklift parts whol 232-3881
1100 Burns Bros (Bkpg & Credit)
1200 R M C Group (Exec Ofcs) 238-6400
STREET CONTINUED
517 Elmer's Flag & Banner (Shpg & Rec Dept) 233-5659
518 Weatherly Building Barber Shop 232-0482
519 Onslow Don graphic designer 231-9300
Stat Color Graphics photo prntg 234-7804
521 Pro Lab Northwest Inc 231-1599
524 Oregon Bank The 222-7719
525 Raul's Barber Shop 236-1010
527 Clifford Hotel 232-7189
531 Vacant
535 Alpha Paper Products & Systems Inc 231-4683
SE 6TH AV INTERSECTS
601 Bread Puddin' The restr 234-4102
607 Ace-Hi Tavern 232-0495
611 Alum-A-Lite Aluminum Co mfrs & sls 234-9278
Portland Metal Weather Strip Co sls 234-9278
612 First National Bank Of Oregon The (Br) 225-2738
617 Studio East Hair Design barber shop 239-4677
621 Tosco Printing & Litho 238-0646
625 Rose City Tat-2 tattoo shop
627 Activities Awards Co 234-2197
629 Mitchell Apartments
1★Elliott Gary
2 Garrett
3★Lomb E
4 Vacant
5★Unrath A 235-9865
6 Vacant
7★Castro Emmanuel 234-2506
8★Mulberry Joseph 236-3107
9 Vasquez R
10★Rogers Cathy
11 La Carney Clyde J
12★Wyllie J
14 Vacant
15★Aejat Vicki
16★Sager Carol 236-6726
17★Abrahamson E
18 Vacant
19 Wiemar Phillip
20★Bell M
21 Clyde C V
22★Vonda V
23★Geick P
24★Irivas Meza
25 Von Voughn
26★Bargas C
27★Bottorf J
28★Holland J
29★Judie Jay T 239-4616
33★Williams David B 232-0640
34 Tubandt B
35★Hays L A 238-0401
STREET CONTINUED
631 Clutter Shoppe The 231-2717
633 Morrison Street T V 234-2805
639 Super Star Restaurant 232-3455
SE 7TH AV INTERSECTS
717 East Morrison Apartments
1 Baugardton A
2 Lang Jerry
3 Califf Tom
4 Vacant
5 Johnson Wm G 234-8615
6★Cain W
7 Vacant
8 Winebarger Les
9 Vacant
10 Vacant
11★Simmons D A
12 Vacant
13 Lloyd W Mrs
14 Vacant
15★Swanson D
16★Parra Mario
17 Vacant
STREET CONTINUED
725 Vacant
726 First State Bank Of Oregon 243-3608
727 B & E Supply whse automotive distr 236-1998
729 Graphic Arts Intl Union Local 202 234-7403
Johnson E A Co mfrs agt 235-1130
735 Adak Inc fl coverings 234-3141
Pioneer Music instruments ret sls 232-5014
SE 8TH AV INTERSECTS
808 Grand Central Bowl 232-5166
Grand Central Station restr 235-9869
Pump Room cocktail bar 235-0848
819 Byron's Ltd Home Furnishings 232-5133
SE 9TH AV INTERSECTS
926 Parts Merchandiser (Whse) 238-7265
927 Club Nine Twenty Seven 231-1606
932 Cobi International imports 239-8906
940 Little John's Sandwich Shop 231-5646

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SE 10TH AV INTERSECTS
1001 Best Distributing Co whol auto parts 233-6341
1025 Keller And Keller lwyrs 238-1025
1040 County Dept Of Records & Elections-Reg & Elections 248-3720
SE 11TH AV INTERSECTS
1105 Portland Press publ 233-4847
Andrews James E archt
Andrews Martha P archt
1115 Associated Financial Services Co Of Oregon loans 232-9139
1120 Bernstein Brothers (Whse) 235-8341
1135 Plaid Pantry Market 235-9214
SE 12TH AV INTERSECTS
1200 Planned Parenthood Assoc Inc clinic 234-5411
1205 China Inn restr 234-3977
1230 Rex Arms Apartments
2a★Cronnan Mike 236-0717
2b No Return
3a Jackson
3b Larson Inez
4a Hendricks
4b★Shirley Alf 236-6402
5a Bruggemann Edw
5b★Rowlee Gene Mrs 233-1553
100 La Deroute Beverly
101 Sherilk
102 Jones
103★Garnes G L 234-1552
104 Towler
201 Kumpf
202 Bazil
203 Griffin Leon 232-9614
204★Draper Robt L 236-6837
205★Wreath M 233-8236
206 Harris Arvin 238-3991
207 Reynolds Clifford W 232-8071
208 Miller
209★Neal Frank 238-4591
210 Olson
211 Harney
212★Michael Sylvia L 236-2887
301 Buchanna T
302 Fong Will
303 Lee Wm 231-0079
304 Vib
305 Young
306 Reggerman Thos
307 Hemminger Meretta W Mrs 234-3687
308 Fontana Mary D Mrs 235-8259
309 Koplin Elmore
310 Ford J Mrs 235-1676
311 Matson E
312 Chapman Chet 231-8580
401 Coverdell
402 Vincent A 233-1734
403 Naari Gertrud 236-2985
404★Van Weevthullen Pamela
405★Murray James A 238-4763
406★Hill D
407 Rogers J Melvin 236-5934
408 Jiroch Mary 232-3895
409 Tiniakos Clara 232-8543
410 Vacant
411 Guardalabene Amy 231-1483
412★Hughley N P
501 Redmond Jack 236-8995
502 Bourikas Steven 233-6718
503 Wallace S
504 Rouse Sherri
505 No Return
506 Kay Warren A 233-1975
507 Conrad Harry M 234-4676
508 Hammons Jimmy D 235-2508
509 Boyd Earl L 236-9173
510 Vowels Roy E 232-4831
511 Dickey John 236-3784
512 Renfroe Harold D 233-2868
STREET CONTINUED
SE 13TH AV INTERSECTS
1300 Old Morrison Food & Fountain restr
1308 Hal's Tavern 232-1259
1322 Williams B Irvin ◎ 232-0004
1328 Presto Cleaners 232-0004
1335 Schulz Amy M Mrs ◎ 232-4716
1339 Schulz Amy Beauty Shop 232-4716
SE 14TH AV INTERSECTS
1400 Hi-Time Tavern 236-2426
1401 Kienow's Bohemian Pastry Shop 236-3778
Kienow's Food Stores (Br) 234-7998
1412 Copytronix 233-8731

732 Pittock Block — Portland, Oregon

NE 10TH AV—Contd
3034 Cage Stanley W Jr ◎ 287-0062
3046 Pitler Paul ◎ 288-0813
NE SISKIYOU ST INTERSECTS
3102 Hahn Stanley
3103 Glanz Natalie Mrs ◎ 281-9210
3112 Reese Joseph E 288-3700
3117 Coleman Luther ◎ 281-2689
3126 Mays Robin 284-1375
3127 Banks Mae W Mrs ◎ 287-6189
3132 Morphis Mary A Mrs ◎
3137★Kuntz Jon L 284-5435
3146★Parks Alexis ◎ 249-6965
3147 Butler Emily M Mrs ◎ 281-5998
NE FREMONT ST INTERSECTS
3506 King Soonki ◎ 282-1217
3512 Fink Lillian Mrs ◎ 288-3342
3513★Wallace Jeffery C 287-9279
3527 Bolivar Nathl
3530 Johnson Jos ◎ 287-5779
3533 Wilborn Mabel Mrs ◎ 284-7618
3606 Scott Sam F ◎ 287-8033
3611 Portland Sch Dist No 1 Early Childhood Educ Un 4a 284-1689
3616 Chavez F Napoleon 287-4778

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NE BEECH ST INTERSECTS
3711 No Return
3716 Quinn Jimmie ◎ 281-2140
3717 Lawrence Will ◎ 282-1860
3723 Vacant
3726 Lobo D C 284-7285
3727 Smith Venetia L Mrs 287-4281
3733 Thompson Ross Jr ◎
3736 Holling Carrie Mrs
3806 Johnson Levan ◎ 287-1514
3807 Mah Norman
3816 Vacant
3817 Lewis Carol J ◎ 287-8177
3822★Da Foe Bobbie 287-6109
3823 Ivins Ronald I 249-5002
3826 Alexander Shelly M Mrs 287-6673
NE FAILING ST INTERSECTS
3915 Abraham Margt Mrs ◎
3925 Jackson Mary H ◎ 249-0325
3926 Temple Ethel L Mrs ◎ 282-0038
3933 Mithell Joe 284-2851
3936 Ballmes Franklin L ◎ 284-7866
3941 Hammon J L 281-5527
3946 Adams Leanell ◎ 284-3482
3956 Lewis O'Neal ◎ 288-2260
3963★Jones Linda D 281-3933
3966 Brown Stanley ◎ 287-9005
3969 Smith Frances A Mrs 284-5228
3972 Vacant
3973 Vacant
NE SHAVER ST INTERSECTS
4005 Davis Jos C ◎ 281-4974
4006 King Juanita Mrs ◎ 287-2897
4015 Sanders Jesse ◎ 287-0630
4016 Irving Rubie ◎ 288-1160
4026 Romanof Alex ◎
4027 Lloyd Fred R ◎ 287-7376
4035 Vacant
4036★Harris Antonio G 287-0954
4042★Rice Gladys 287-9017
4043 Schafer Fred ◎ 284-0646
4056 Willinger Vada L Mrs ◎ 282-7071
4057 Bradford Valiva Mrs ◎ 284-3551
4062 Vacant
4063 Moore John J 288-9910
4072 Braydon Wilford ◎ 282-8024
NE MASON ST INTERSECTS
ZIP CODE 97211
4103 Pentecostal Prayer Band Mission Home 284-3554
Emerson Granville Rev
4106 Hahn Robt R ◎ 281-8183
4114 Vacant
4127 Ferguson Bessie Mrs ◎ 282-5408
4128 Vacant
4133 Wack S J ◎ 249-8114
4136 Lolley Wilbert ◎ 281-2638
4206 Vacant
4207★Shepherd N L ◎ 281-7066
4215 Hein Danl J ◎
4216 Dreiling Virgil W ◎ 282-3596
4226★Antoine Mary E 284-0679
4227 Vacant
NE SKIDMORE ST INTERSECTS
4307 Doe Hollis C ◎ 281-2405
4315 Willingham Robt ◎ 284-9018
4325 Moore Earnest L ◎ 287-0928
4326 Warren Willie Jr ◎ 288-3510
4403 Hines Daisy Mrs
4406 Overton Laureen Mrs ◎ 284-3948
4410 Overton Eddie T
4413★Beanes Delores
4416 Chase G Darlene Mrs ◎ 288-4498
Mary's Green Cottages nursery
Millhorn-Woods Mary K 284-7440
4423★Moore Deborah 284-9295
4424 Stevenson Yvonne M 281-8910
4426 Steele Mabel H Mrs ◎ 281-5582

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NE PRESCOTT ST INTERSECTS
4525 Ransom Pat ◎
4526★Springs Raymond L 284-8615
4533 Washington Wm L 281-8831
4535 Pendergraph Eddie 284-3458
4536 Richardson Leola M Mrs ◎ 281-3050
4545 Jackson Anna M ◎ 284-6019
NE GOING ST INTERSECTS
4606 Vacant
4622 Baker
4705 Hollingquest Ruby Mrs ◎ 284-0786
4706★Deloney Michl ◎ 281-1482
4716★Brazil Robt ◎
4717 No Return
4725★Johnson Pam M
4727 Branch Elaine N Mrs
NE WYGANT ST INTERSECTS
4807 Jones Betty T Mrs ◎ 288-9740
4815 Woodland Ernest ◎ 282-9681
4824 Gorden Lillie Mrs ◎ 288-2461
4829 Jenkins Clinton ◎ 288-7620
4830★Beatty Arletta L Mrs
4845 Phillips C H ◎
4846 Butler Dorothy B Mrs ◎ 284-0691
4849 Spruill Rance C ◎
4855★Burrows Raymond ◎ 282-8226
NE HUMBOLDT ST INTERSECTS
4903 Mayes Le Roy ◎ 284-7554
4904 Jenkins Elijah
4909 Gaines Carol 249-8094
4910 Miller Kevin G 284-4051
4919 Vacant
4933 Willis Joe J ◎ 287-6731
1936★Salas Victor N 284-0483
4941★Hill Mary M Mrs 249-2081
4949 No Return
NE ALBERTA ST INTERSECTS
5017 Penson Dorothy M Mrs ◎ 281-3200
5018 Madden A M Mrs 287-5363
5026 Mc Cullough Costella M Mrs
5027 Odum Iloka
5035★Xiong Ze 282-3803
5036★Walker Debra M Mrs 287-8045
5045★Alexander Tommie
5048 Owens Dennis L ◎ 287-2226
5049★Johnson Richd ◎ 284-3596

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NE WEBSTER ST INTERSECTS
NE SUMNER ST INTERSECTS
NE EMERSON ST INTERSECTS
5310 Barquest Marie D Mrs
5311 Rucci Louise A Mrs ◎
5314 Madison Cora Mrs 281-5360
5316 Davidson Ivan W 282-1374
5321 Aho Hugh M ◎ 281-2945
5324 Vacant
5328★Griffin Lester L
5404 Brazile Doris J Mrs ◎ 287-1007
5405 Connie Kay Court Apartments
1 Whiteman
2 Vacant
3 Cunningham Mary
4 Scott Loretta Mrs
5★Salton C
6★Hill Betty
7 Hunt Katie R Mrs 249-0520
8★Braxton Princess 299-7380
9★Green Goldie
10 Manning Sally
5414 Wray Charles L
5424★Foster Romas 284-1006
NE KILLINGSWORTH ST INTERSECTS
5524 Pope Gerald
5525 Jackson Oneilus R ◎ 281-5731
NE CHURCH ST INTERSECTS
5605 King Gail ◎
5615 Peterson Wm J ◎ 284-9094
5622 Spears Mattie Mrs ◎
5625 Leffal Ola ◎
5634 Enge Paul E 281-6095
5700★Renfor Edna ◎
5701 Tillman Saml M ◎
5707 Wood Howard L
5708★Maxwell Juanita L 281-6837
5713 Mannings Debbie L Mrs
5714 Brant Mary Mrs 249-5830
5722 Horal
5723 Derr Bernard G ◎ 288-3779
5731 Parker David L 284-9083
5734 Harris Eleanor L Mrs ◎ 287-5359
NE JARRETT ST INTERSECTS
5807 No Return
5809 Hill James 284-3574
5811 Mafield Mary A Mrs
5813★Henarix C 288-0878
5817 Neal Ester Mrs 284-8388
5819 Vacant
5820 Warnock Eliz M Mrs ◎
5821 Carroll Irma E Mrs
5823 Robinson Betty M Mrs
5831 Jackson Lugene A 287-0860
5833 Readow Alma
5834 Wasteney Hilda E Mrs 288-3668
5835 Waller Elanor 249-8511
5837 Holloway Oscar 287-9632
5839 Graham Elnora
5841 Roesch Bessie H Mrs 281-9180
5842 Gray Johnny L 282-4489
5843 Standifer Lavell Mrs 288-1841
5845★Allen G 249-2886
5853 Vacant
5900 Toban Richd E ◎ 282-2933
5903 Howard Agnes C Mrs ◎ 287-3168
5910 Mills Thomas J ◎ 287-5743
5918★Strong Robt K 284-0331
5919 Vacant
5930 Mc Daniels James ◎
5931 Smith Gorman R ◎ 288-4196
5946 Brown Scott A 287-2907

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ZIP CODE 97211
NE AINSWORTH ST INTERSECTS
6024★Thorstad Gaile 288-0455
6025 Beedle James D
6032 Ford Robt L ◎ 288-3815
6033 Jones Vincent A ◎ 284-3436
6104 King Richd ◎ 281-5608
6107 Monks Ted
6112 Hampton Roosevelt ◎ 281-6582
6115 Robinson Willie L ◎ 282-5498
6120 Montague Joseph 282-0014
6125 Warfield Lola Mrs ◎ 282-9069
6130 Swain Raymond E ◎ 288-3147
6131 Reed James N ◎ 284-7180
6204 Govan Orisdean D Mrs ◎ 281-2338
6205★Haywood Pauline V Mrs 281-9398
6216 Nath Rajendra R ◎
6217 Vacant
6220 Vacant
6235 Katz David W ◎ 281-4292
6236 Livesay Don S
6243 Gordon Brenda A Mrs 281-2603
6244 Zwahlen John S ◎ 282-6715
NE HOLMAN ST INTERSECTS
6324★Young Jeff L ◎ 284-0931
6332 Galbert Fannie L Mrs ◎ 249-0489
6333 Webster Jack D ◎ 282-2852
6344 Pruitt Caroline Mrs ◎ 287-9596
NE HIGHLAND ST INTERSECTS
6401 Church Of The Living God 284-5171
6404 Vacant
6414 Smart Minna O Mrs ◎ 281-1728
6424 Cummins Chas R 287-9133
6431 Mc Donald Gertha M Mrs ◎ 284-2930
6436 Ward Maudel L Mrs ◎ 282-2834
NE PORTLAND BLVD CT INTERSECTS
6457 Cook Willis ◎ 282-2166

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NE PORTLAND BLVD INTERSECTS
NE DURHAM AV INTERSECTS
NE MADRONA ST INTERSECTS
7002 Hendrix Doris Mrs
7010★Snell Kenneth 289-3980
7018 Turner Mae Mrs
7028★Grisim James R ◎
7037 Davis Joseph ◎ 783-2828
7102 Strother Philip S 283-5471
7110 Fox Clayton H ◎ 285-3721
7115 Eaves Claude L ◎ 285-3055
7122 Miller Willa Mrs ◎
7127 Botteron Wm C ◎ 283-9604
7133★Hughes Clara M Mrs ◎ 285-1444
NE BUFFALO ST INTERSECTS
7205 Tryon Arth E ◎ 285-1815
7206 Rose Mary Mrs ◎ 285-9537
7215 Jackson Adte ◎
7216 Derring Petra A Mrs ◎ 285-3823
7224 Glenn Larry
7225 Winters Newt ◎ 289-6486
7235 Demps Ruth 289-7457
7236 Brame Herman L ◎ 289-2587
7244 Hurdle Louise Mrs
NE HOLLAND ST INTERSECTS
NE STAFFORD ST INTERSECTS
7405 Holmes Richd L ◎
NE BALDWIN ST INTERSECTS
7666 Vacant
NE COLUMBIA BLVD INTERSECTS

922

10TH AV NW —FROM 1001 W BURNSIDE ST NORTH

ZIP CODE 97209
10 Tenth Avenue Building FLOORS
State Dept Of Human Resources (Br) 229-6840
1st Fl State Dept Of Human Resources (Food Stamp Program) 229-6675
2d Fl St Dept Human Rearce (Adult-family Serv Fmly Sctn) 229-6502
2d Fl St Dept Human Rearce (Adult-family Serv Fmly Sctn) 229-6502
3rd Fl St Dept Human Rearce (Adult-fmly Congregate Care) 229-6810
4th Fl St Dept Human Resources (Business Services) 229-6500
5th Fl St Dept Human Resources (Inds Chinese Program) 229-5542
28 Systems Control Inc 225-0118
NW COUCH ST INTERSECTS
100 Armory Automotive Service Inc body repr 227-6168
137 Armory Bldg (Whse)
138 Glass Craft Inc 222-6650
NW DAVIS ST INTERSECTS
205 Metro Graphics lithoprntrs 223-2988
206 Walker Electric Inc 226-6828
213 Lauterbach Co The hydraulic equip distr 223-5345
221 Downtown Auto Repair 227-4833
222 Cosmopolitan Graphics 226-3902
Hackie Ray Film Service 227-3143
229 Acme Finishers elec appl refinishing 223-7807
230 Vacant
235 Dinihanian M E & Sons (Stge)
NW EVERETT ST INTERSECTS
300 Long Goodbye The restr & lounge 228-1008
301 Specialty Auto Glass Co Inc 227-1224
312 Old Buddhist Temple Bldg Floors
Bsmt Martin Soderstrom & Matteson (Addl Sp)
3d Fl Martin Soderstrom & Matteson archts 228-8501
315 U S Natl Bk (Equip Repr) 225-5196
322 Vacant
327 United States National Bank (Purch Dept) 225-4421
330 Dehen Knitting Co (Addl Sp)
NW FLANDERS ST INTERSECTS
404 Dehen Knitting Co 222-3871
430 Campbell Weiss Reprographics Inc printing 222-3264
435 Stearns Art Tires dlrs 223-6193
NW GLISAN ST INTERSECTS
509 Eoff Electric Co whol equip 222-9411
525 Eoff Electric Co (Parking)
539 Hill Harry S Co prntg sups 226-3644
NW HOYT ST INTERSECTS
630 Howell R B Co crafts & art wks 227-3125
Howell's Creative Craft Center Inc 227-3125
NW IRVING ST INTERSECTS
720 Rapid Transfer & Stge Co (Whse)

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10TH AV SE —FROM 1001 E BURNSIDE ST SOUTH

ZIP CODE 97214
10 Levin M & Son elec equip 231-3920
30 Edwards-Kauffman Co food broker 234-5024
SE ANKENY ST INTERSECTS
SE SANDY BLVD INTERSECTS
222 Vacant
SE PINE ST INTERSECTS
SE OAK ST INTERSECTS
404★Thompson Geo 231-9659
406 Mc Allister Lorraine Mrs
410 Vacant
412 Vacant
418 Borich Richd J 234-4822
420 Young G J 232-7880
421 Allen Dwight F coml artist 232-9524
American Postal Workers 236-9113
National Assn Of Letter Carriers 232-5316
National Assn Of Mail Handlers Local 315 234-5788
Portland Postal Employees Credit Union 235-3128
SE STARK ST INTERSECTS
SE WASHINGTON ST INTERSECTS
606 No Return
636 United Salad Co Inc 232-7175
SE ALDER ST INTERSECTS
715 Oregon Auto Spring Service Inc mfrs 234-9611

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SE MORRISON ST INTERSECTS
800 Perfect Fit Mfg Co auto seat covers 234-9325
SE BELMONT ST INTERSECTS
915 Bar-Tur Food Inc whol gro 234-5739
921 Market Club Restaurant 232-0294
927 Gatto & Sons whol fruit and prod 235-5589
SE YAMHILL ST INTERSECTS
1030 Kibe Massy Produce Co whol 234-2118
SE TAYLOR ST INTERSECTS
1127 Oregon Brass Works 232-7121
1138 Air Filter Sales & Service Inc 233-5101
SE SALMON ST INTERSECTS
SE MAIN ST INTERSECTS
SE MADISON ST INTERSECTS

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SE HAWTHORNE BLVD INTERSECTS
1513 Annie Skinners restr 238-0197
Rear Steiner Alonzo A ◎ 238-0197
1514 Portland Transmission Parts (Stge)
1525 Tab Products Co mfrs agts 233-4878
1532★Strasburg Donald

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Portland, OR 97214
"WE ARE NOT ONLY FRIENDLY, WE HAVE BRAINS!"
NU AI BO
1215 S.E. 8th Av.
Portland, OR
Tel. 503-233-6175

SE 11TH AVE 1981

NE 11TH AV—Contd
3728 Hanke Rudolph @ 281-7480
3736 Albert John @
3803 No Return
3806 Wilson Robt L @ 282-2666
3816*Miranda Lorenzo 288-8930
3817 Jenkins
3825 Smith Drew @ 281-0844
3828 Muhammad Ali Mujahid 281-3157
NE FAILING ST INTERSECTS
3911 Vacant
3912 Walker Davie
3914 Burdick Charles
3916*Mc Cloud Edw C 287-5492
3926*Kuehny Phillip @
3927 Henderson Lee D @ 282-8567
3931 Geist Danl @ 287-0489
3932 Green Cellers @
3942 Louie Lillian R 288-0764
3955 Jackson Edwin D @ 288-0628
3958*Hammer Bertram 281-1526
3966 Mathews Nathl @
3967 Vacant
NE EHAVER ST INTERSECTS
4005 Thomas Fannie Mrs
4006 Vacant
4015 Jenkins Ernest C II 281-4237
4016 Richardson Ivy L Mrs @ 287-5912
4025 Vacant
4026 Vacant
4035 Lambert Jesse @
4036 Carter Emma D Mrs 287-5037
4046 Wash Einie E Mrs 282-6334
4047 No Return
4055*Grogan Charles @
4056 Lewis Elmer @ 287-7870
4064 Polk Alberta Mrs @
4067 Meixner Marie E Mrs @ 287-0039
4072 Norris Retha Mrs @ 284-4436
4077 Mc Cullumn Betty J
NE MASON ST INTERSECTS
ZIP CODE 97211
4105 Jones Carol Mrs 284-2446
4115 Frazier Juan A @ 287-5909
4127*Mc Conell Connie @
4134*Deese B E 282-6387
4137*Handy Irene E Mrs
4205 Nelson Evelyn Mrs @ 281-0747
4215 Bradford Vernesta L Mrs 287-3970
4231 Vacant
NE SKIDMORE ST INTERSECTS
4315 No Return
4316 Barber Gerarldine Mrs
4321*Hogan L 288-0045
4324 Melcher Ida @ 282-4788
4325 Stennett Irene G Mrs @ 287-0369
4407 Vacant
4418 Crews Sadie B Mrs @ 282-3090

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NE PRESCOTT ST INTERSECTS
4525*Hayes Patk 282-7659
4526 Hall Jimmie O @ 282-3322
4534 Scheideman Irene G Mrs @ 281-4096
4537 Maul Marie Mrs @ 281-0953
NE GOING ST INTERSECTS
4618*Wash Melvin 287-3693
4705 No Return
4706 Lane Florence E Mrs @ 281-6049
4714 Piazza Phillip M @ 284-3933
4715 Brown
4724 Oliver Annabell
4725*Her Nao Vang 281-9321
NE WYGANT ST INTERSECTS
4808 Swanberg Robt E @
4814*Adams Mrs @ 249-8279
4815*Chambers Alonzo @ 287-8521
4822 Slocum Clarence D @
4823 Bagley Sami W @ 284-5446
4830 No Return
4833 Smith John W @ 281-8971
4842 Vacant
4845 Allen Willis O @
4848 Monk Eug @ 288-2643
4857 No Return
NE HUMBOLDT ST INTERSECTS
4905 Donald Aaron Jr @ 288-3873
4911*Lampkins Wm 284-7721
4912*Wallace Steven A @ 287-0517
4919 Smith Lizzie M Mrs @ 281-4114
4920 Pugh Worth M @ 282-8838
4927 No Return
4928 Brown Charles A 284-2629
4935 Thompson Margt Mrs @ 281-6217
NE ALBERTA ST INTERSECTS
5015 Johnson Mary L Mrs 249-1739
5016 Lowe Callie J Mrs 281-1762
5028 Vacant
5034*West Joyce
5035 Emery Debbie
5041 Anderson James L
5044 Haworth Margt E @ 281-0151
5048 Petros Arth @ 288-1813
NE WEBSTER ST INTERSECTS
5109 Finkbeiner Virgil @ 287-6528
5121 Browne Zachary R
5129 Blake Florida J Mrs

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NE SUMNER ST INTERSECTS
NE EMERSON ST INTERSECTS
5304 Vacant
5305 Rust Earl G 282-4203
5310 Boothby Thos 284-4585
5311 Martin
5321 Low Hilda Mrs @ 284-1666
5322*Brown Mercie
5403 Feinstein Randi 281-5699
5404 Every Mary Mrs 281-8482
5416 Stankovich Geo @ 287-7605
5424 Redmer Phil R 282-1571
NE KILLINGSWORTH ST INTERSECTS
5504 No Return
5514 Vacant
5515 No Return
5516*Montgomery Delores Mrs
5525 Harrington Alphine Mrs 282-2096
5526 No Return
NE CHURCH ST INTERSECTS
5604 Brewster Francis L @
5605 Hughes Esther I Mrs @ 281-3101
5614 Bryant Rozell E Mrs @
5615 Vacant
5617 Boslough Ivy L 284-2535
5623 Youngblood Bettye J Mrs 282-1245
5624*Ankeny Mark @ 288-3502
5634 Bridges Gordon
5635*Harvy D @
5704*Peuitt Barbara A Mrs
5705 Benton Travis @ 287-0041
5712 Thompson Alyce E Mrs @ 288-2754
5715 Brannon James H @ 281-9039
5724 Mitchell Joyce A Mrs 287-4346
5727 Smith Oliver E @ 288-2551
5732*Overton Lorraine O @ 284-2138
5735 Bryant Ada L Mrs @ 287-5128
NE JARRETT ST INTERSECTS
5804*Taylor Nate J 284-7501
5805 Harris Bobby R @ 287-9863
5814 Erickson Inga L Mrs @ 284-8501
5815 Metzenberg E W @ 284-7661
5824 Pietrowski Ersia L Mrs @ 284-9864
5825 Molden Allan D
5835 Foxx Charlie B
5840 Wadsworth Margt E Mrs @ 281-8122
5845 Brooks Mae F Mrs @ 249-0624
5846 Williams Michl 249-1755
5862*Traverso A S
5901 Montgomery Marjorie 287-0257
Sorber Edna M artist 287-0257
5902 Bradwell Melinda H Mrs @ 284-2369
Irwin Terri L Mrs 249-7078
5910 No Return
5913 Vacant
5919 Randolph Robbie S @ 287-1882
5922 Read Maurice @ 287-8362
5924*Kelly Saul E Jr 249-0439
5932 Head Wm M @ 288-9001
5933 Vacant
5948 No Return

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ZIP CODE 97211
NE AINSWORTH ST INTERSECTS
6023 Stein David @ 288-7643
6026 Mc Collom Cecil Jr @ 244-0139
6035 Smith John V @ 281-7538
6036 Dooney Robt G @ 284-2765
6106 Duvall Melvin W @
6107*Kerney Sandra D
6112 Del Sol Roberta J Mrs @ 284-0119
6113 Vacant
6124 Williams Harold C @ 287-3483
6125 Warren J T @ 287-3549
6135 Boom Ted M 284-6539
6204 Vacant
6205 Wolf Helen B Mrs @ 288-4205
6215 Hill Ossie
6216 Connors Martha
6225 Smith Ethel Mrs @ 287-6380
6226 No Return
6235 Bertruchi Geo L @ 288-1977
6243 Rogers James E 284-1942
6244 Johnson Oscar @ 284-5962
NE HOLMAN ST INTERSECTS
6305 Webster Yvonne C Mrs @ 281-8586
6310 Gordon Geo 284-0033
6323 Maloney Dorothy E Mrs @ 282-2905
6337 Vacant
6347*Lecher Richd J @
6415 Greenwell Glenn H @
6419 Cottrell Charles L 284-0035
NE DURHAM AV INTERSECTS

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NE ONEONTA ST INTERSECTS
7011 Vacant
7021*Williams Jeanette Mrs
7029*Phanphackdy Bouaphanh 283-5008
7037 Smith Homer @ 285-2489
7045 Cherry M C
7105 Mc Mihelk Darlene M Mrs
NE BUFFALO ST INTERSECTS
7200 Woodlawn School 289-8839
7205 Earl M M 283-5086
7215*Essay Willie
7225 Kopczak Karen L 283-3354
7235*Davis D 283-0646
7253 Vacant
NE HOLLAND ST INTERSECTS
7305*Woodruff Susan M Mrs
7311 Williams Earl M @
7329 Craig John M 285-3578
NE STAFFORD ST INTERSECTS
NE LOMBARD ST INTERSECTS
NE LOMBARD PL INTERSECTS
7500 Friction Supply Co Inc brake mfg 283-4165
NE RUSSET ST INTERSECTS
7606 Northwest Protective Coatings Inc (Whse)
NE BALDWIN ST INTERSECTS
7642 Kinoshita Joe M @ 285-2336
NE COLUMBIA BLVD INTERSECTS

922

11TH AV NW —FROM 1101 W BURNSIDE ST NORTH

ZIP CODE 97209
NW COUCH ST INTERSECTS
N W DAVIS ST INTERSECTS
222 Kelley Co R H (Whse)
NW EVERETT ST INTERSECTS
308 American Fabric Co 222-3665
Western Seat Cover Co 222-9171
315 Lanier Brugh Inc auto repr 227-7474
318 Eagle Graphics trade prntrs 223-1772
334 Dunn-Edwards Corp whol 228-0173
NW FLANDERS ST INTERSECTS
403 Vacant
415 Chatten Hicks Engraving photo 228-9686
418 Pacific Trailways (GAR) 223-7646
NW GLISAN ST INTERSECTS
530 Speedometer Service & Instrument Co auto repr 227-5567
535 Stuart Radiator Distributors hardware whol 223-6177
537 North Pacific Sign & Design sign pntrs 228-4999
NW HOYT ST INTERSECTS
730 Ro-Mar Terml (Whse) 223-6028
Trailer Train Inc ship agts 223-6519
800 Shifton Manufacturing Co Inc wood stge bldg mfr 235-7404
810 Nutri-Flow health food 224-9059
901 Vacant
930 B N Transport trucking co 227-3579
NW LOVEJOY ST INTERSECTS

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11TH AV SE —FROM 1101 E BURNSIDE ST SOUTH

ZIP CODE 97214
15 House Of Lloyd The lithog & prntg 231-5066
17 So Natural Inc women's clo 235-3616
21 Pronto Select Messenger Co 239-7666
55 Vacant
SE ANKENY ST INTERSECTS
SE SANDY ST BLVD INTERSECTS
106 Goodyear Wholesale Tire Center dlrs 234-5364
123 Kerr's Violin Shop 238-4515
Rico's Guitar 231-1912
124 Associated Industrial Products 232-0246
125*Mills Wilson 238-0883
SE ASH ST INTERSECTS
211 Conroy R W Co (Whse) 234-0268
221 Anderson Kruse Karate Studio 238-1558
Instep Studio 235-2068
SE PINE ST INTERSECTS
330 Saint Francis Of Assisi Rectory
Durand Donald Rev 232-5880
SE OAK ST INTERSECTS
425 Cystic Fibrosis Foundation 231-4015
SE STARK ST INTERSECTS
514 No Return
523 Vacant
524 State Comn For The Blind (Wk Rm)
SE WASHINGTON ST INTERSECTS
602 Day Charles H Co 232-1659
603 Bremer Pete 231-8278
Smith Jim E 235-9793
622 Loucka Marie A Mrs 232-1522
630 Greenwald Violet M Mrs @ 232-1374
635 Freeway Transport Co 233-5766
636 United Bearing Co Of Calif Inc ofc 235-6631
SE ALDER ST INTERSECTS
708 Vacant
711 Melcliffe Court Apartments 232-3936
Kent Laura P Mrs 232-4916
A*Hayden Tom
B Haar John J
C Yazzolino Ernie
D Des Leo E 236-7562
1*Daroesett Danl
2*Doty Mat
3 Gilleapie Francis J 234-4942
5*Warren Randy
6 Hoff Emil F 236-8421
7 Knepper John W
21 O'Donnell Lura 234-4048
22*Fry Kelly
23 Richardson Raymond A 232-4724
24 Ambroae Edgar
25 Carrington Robt W
26*Chawpbeu Patty
27*Pankey David
31 Phillips Wayne
32 Kay Jessie M Mrs 234-4278
33*Meehleib John H 235-6988
34*Bayer Holly
35 Lundstrom Geraldine
36 Russell Dorothy M 235-6883
37 Vacant
41 Redding Geo E 232-6524
42 Morse Harold L 234-5183
43*Tyburski John
44 Gensheimer Elsa 235-0921
45 Vacant
46 Moore Shir-Lee
47 Gustin Randell L 232-6757
101 Barnard Virginia C 236-4243
102 Walker Jean Mrs 236-5575
103*Halsey Pat 236-4827
104*Trout Harold
105 Craft Raymond 236-8254
106 Vacant
201*Ostby Helene M 235-0643
202 Finger Norman F 235-2205
203 Kinna Anna M 234-5132
204 Koski Eino A 232-9637
205 Graig Rose 234-1480
206 Anderson Alice M 236-1046
301 Worden Randy 231-1265
302 Major Alice
303*Kniseyl M D
304 Bell Frank R 236-2917
305*Hemby Ted W 235-9324
306*Kelly Keith
401 Kent James L 232-4916
403 Doncaster Ralph S 235-1766
404*Dewey Ed
405*Wellman Gary 231-9144
406*Lehmann Steven
STREET CONTINUED
716 Vacant
720 Portland Press (Ship & Rec) 233-4847

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SE MORRISON ST INTERSECTS
SE BELMONT ST INTERSECTS
951 M & R Pacific Inc 234-6507
Gardeners And Ranchers Assoc 236-5207
1010 Rodgers Co (Whse) 233-4638
1020 Rebuilders Warehouse auto sup 238-6391
SE TAYLOR ST INTERSECTS
SE SALMON ST INTERSECTS
1206 Oregon Air Tool Inc power tools 234-0761
SE MAIN ST INTERSECTS
SE MADISON ST INTERSECTS

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SE HAWTHORNE BLVD INTERSECTS
1520 Horizon Graphics adv agcy 232-9070
1536 Delano Photographics Inc coml 236-2139
SE CLAY ST INTERSECTS
1601 Cascade Electronics-Microwave Oven Service Center constn eng 233-7739
1611 Recknor Richd L chiropractor 236-1304
1612 Hing Leah @ 232-1917
1616 Vacant
1632 Royal International Corp diesel air components re-mfrs 233-8637
SE MARKET ST INTERSECTS
1700 Business Equipment Bureau Inc ofc sups & equip 233-6182
1727 Vacant
1731 Business Equip Bur (Whse)
1735 Kerzel Aug @
SE MILL ST INTERSECTS
1800 Capellan Amado G @ 232-5769
1812 Matthies Ida 236-3094
1816 Vacant
1820 Apartments
1 Levine Richd 231-1437
2*Yarbour Rhonda F
3*Jensen K 235-9988
4 Shumard Karl W
1832 Vacant
SE STEPHENS ST INTERSECTS
1901 Hartley & Zuercher Battery & Elec Serv Inc 232-6374
1916 Coulter Ben B 236-2851
1922*Fowler Alice Mrs 236-5278
1923 Vacant
1925 Roy & Andy's Medieval Furnishings used furn
1927 Vacant
1931 Vacant
1932 Kitzman Lee 236-0540
1936 Gross Jean
1937 Jolly Inn tavern 234-7869
SE HARRISON ST INTERSECTS
2000 Wagner Industrial Inc ind sups 233-5177
2001 Gatto Modern Shoe Repair 235-5034
Rear Gatto Antonio @ 235-5034
2005 Malloy Michl E 231-8102
2006 Vacant
2007*Fowler Chas E
2008 Ernie's Sanitary Barber Shop 236-8059
2014 Dennis Geo E @ 233-5177
Dennis Dale C 232-7735
2015 Renu Distributors filter cleaners 231-7028
2019 Arback Sam appliance salvage 232-2062
2023 Vacant
2026 Grasshandler Seth 232-9561
2029*Pearson C
Cresap B 233-0636
*Pearson Kay A 234-5633
2032 Harpen Florence A
2034 Hartness L J
2036*Hobbs Ed 235-4296
2038 Vacant
Vacant

933

SE LINCOLN ST INTERSECTS
2112a Holt Craig
2112b Dubois Eril
2118a Vacant
2118b Black Randy 234-1072
2119 Betker's Design 360 interior dec 231-0696
2123 Vacant
2124*Chavy Phuoc 239-0712

District Offices in Eugene, Coos Bay/North Bend, Medford, Pendleton, Salem, Vancouver

NE 12TH AV—Contd
ZIP CODE 97211
4115 Lawson Mamie Mrs ◎
4120 Lambert Perry ◎ 281-6643
4227 Canada Robt M ◎ 287-9249
NE SKIDMORE ST INTERSECTS
4302 Vacant
4305★Lathans Bruce
4308 Mc Ginnis Beatrice
4315 Cleveland Clifford L ◎ 281-2425
4316★Denbeste Robt
4322★Merriweather Carla 287-4437
4323 Jackson Henry W ◎ 287-5849
4408 Le Tourneux Carol J Mrs ◎ 281-7349
4407 Johnson Ida C Mrs ◎ 284-3430
4415 Savillv Beatrice ◎ 284-1268
4420 Apartments
1 Vacant
2 Vacant
3 Isom Brenda
4 Walker Nadine Mrs 281-3234

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NE PRESCOTT ST INTERSECTS
4514★Miller K A 282-4139
4515 Hess Emily
4524 Vacant
4534 Mitchell J H
4537 Benson Vivian L Mrs ◎ 284-5671
4542★Olliff Jeff ◎ 281-1581
NE GOING ST INTERSECTS
4621 Cannon Robt ◎ 287-6551
4704 Cohen Erma R Mrs ◎ 287-2015
4715 Bowles Evie D ◎ 284-0815
4716 Rochell John L ◎ 281-3006
4724 Alexander D
NW WYGANT ST INTERSECTS
4801 Allen Fred N 281-8299
4808★Strohecker J T ◎ 284-8193
4815★Colbert A
4822★Norton Randy
4823 Wells Lonnie ◎ 287-8303
4831 Ford Robt P 249-3781
4832★Turner Lori 281-2678
4840 Lester Steph P ◎
4848★Cannarozzi Susan 282-1456
4849 Jesse Joseph H ◎
4856★Baxter Denise Mrs
NE HUMBOLDT ST INTERSECTS
4903 Vacant
4904 No Return
4910★Priessley Betty L Mrs
4911 Lee Edw B ◎
4921 Pac Nw Bell (Training Hse) 282-1040
4926★Her Boua Neng 284-2848
NE ALBERTA ST INTERSECTS
5017★Ryan Theresa ◎ 284-1077
5020 Litsea Hazel R Mrs ◎ 281-6663
5026★Cox Patricia Mrs
5027 Brooks Jerry ◎ 287-0024
5035 Davis Ceola 282-2772
5036★Montgomery A Jim
5043 Meyers Rubie Mrs ◎ 284-2314

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NE WEBSTER ST INTERSECTS
NE SUMNER ST INTERSECTS
NE EMERSON ST INTERSECTS
5302★Guidry Donald J 287-3525
5312 De Haven Alberta M Mrs ◎
5323 Priestley Benj M ◎
5324 Cooke James E ◎ 282-8961
5403 Loran Jacob P ◎ 284-3843
5406★Johnson Bevin 281-8417
5420 Cole Fred D 288-8665
5430 Lyons Doug A 287-9473
NE KILLINGSWORTH ST INTERSECTS
5505 Barrett Joeane Mrs 281-6841
5507 Schultz Dawn
5509★Bell D L 287-3308
5514 Guiso Josephine E ◎ 288-4729
5524 Widen Marie Mrs ◎ 282-1365
5525 Trull Nora E Mrs ◎ 281-0152
NE CHURCH ST INTERSECTS
5505 Wester Arthur E ◎ 281-4418
5514 Riggins Livingston C 284-6398
5515 Griffith Allean Mrs ◎ 284-8439
5524 Usselman Anton F ◎ 281-6774
5525 Hicks Kathy Mrs ◎
5534 Butler Charles E ◎ 281-6794
5535 Flynn Steph C ◎ 288-8059
5702 Barrios J ◎
5707 Roberts Ira D ◎ 287-8248
5715 Hills John J ◎ 288-8771
5716 Taylor Geo H
5718★Mc Pherson W
5723 Vacant
5724 Shamsud-Din Naimah ◎ 287-8760
5733 Vacant
5734★Thomas T
NE JARRETT ST INTERSECTS
5815 Sloan Stuart S ◎ 282-0253
5823 Rankin Eliz R ◎ 282-2190
5824★Davis John ◎ 281-0434
5832 Belecz Frank J ◎ 281-5977
5835★Mc Clure C Y ◎ 287-3485
5843 Marlett Miles A ◎ 287-7616
5844 Smith John ◎
5848 Mc Dowell Herman L ◎ 287-9980
5851 Vacant
5901 Willimson Frank ◎ 281-9175
5910 Koenig Anthony C ◎ 281-6318
5917★Donnelly James P ◎ 282-9802
5920 Jones Gilbert B ◎
5925★Moyer Thos ◎ 287-4741
5928 Vacant
5931★Wheeler Larry L

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ZIP CODE 97211
NE AINSWORTH ST INTERSECTS
6025 Vacant
6026 Vacant
6034 Carter Irene M Mrs ◎
6035 Robinson Geo A ◎ 287-1813
6101★Briscoe Perry J
6102★Hoffer Robt 249-0800
6117 Pace Theo ◎
6126★Thomas Pat 284-6147
6127★Slakie Donald A Rev 288-9424
6138★Lomax Joann 281-7423
6204 Randolph Alf ◎ 284-1540
6207 Vacant
6214 Moore Emmett T 287-3952
6217 Vacant
6224 Crain Henry 249-0421
6225 Cummins Wesley L 284-5011
6233 Driscoll Vincent A Jr ◎
6234 Christian Theresa M ◎
NE HOLMAN ST INTERSECTS

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NE HOLMAN ST INTERSECTS
NE BUFFALO ST INTERSECTS
7220★Johnson Etoile T ◎ 283-4602
7232★Joseph Henry
7244★Brown Patricia J Mrs ◎ 285-8031
7252 Vacant
NE HOLLAND ST INTERSECTS

932
12TH AV NW —FROM 1201 W BURNSIDE ST NORTH

ZIP CODE 97209
NW COUCH ST INTERSECTS
135 Blitz Weinhard Co (Stge)
NW DAVIS ST INTERSECTS
NW EVERETT ST INTERSECTS
305 West Ridge Designs whol sptg gds 248-0053
312 W Bearing & Pts (Addl Sp)
316 Jobbers Service Co whol auto sup 227-6605
317 Jobbers Service (Whse)
323 Fox Lamp & Fixture Co lamps 223-1460
339 Industrial Products Co flexible hose 222-9905
351 Rice Bros Co mdse whse 222-9905
NW FLANDERS ST INTERSECTS
408 Lang-Senders & Co food brokers 226-2448
NW GLISAN ST INTERSECTS
512 Tradewind Products food storage 228-5252
516 Family Food Reserve 228-5252
Smith Burton H & Associates whol auto parts 228-5251
520 Dions Place
522 Lyco Products 224-6583
528 Defiance Manufacturing Co silk screen prntrs 228-1571
529 Universal Tea Co (Whse)

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NW HOYT ST INTERSECTS
610 Vacant
630 Vacant
NW IRVING ST INTERSECTS
NW JOHNSON ST INTERSECTS
800 Moore Co The appl distrs 221-1600
NW KEARNEY ST INTERSECTS
905 Portland Mailing Service 221-0707
935 Office Building
Rooms
130 Northwest Envelope Co mfrs agts 222-7055
130 Contract Carpet Co whol 224-5008
131 Vacant
133 Koroch Taylor Inc mfrs rep 224-2304
133 Vacant
134 Vacant
FLOORS
2d Fl Carpenter Offut Papers Inc whol 226-3781

934
NW LOVEJOY ST INTERSECTS
NW MARSHALL ST INTERSECTS
NW NORTHRUP ST INTERSECTS
1233 Wilhelm Rudie Warehouse Building 226-3145
Rooms
101 Bach Pete Electric Co mfrs agts 227-2173
102 General Bearing Co 226-7084
201 Power Transmission Products whol transformer line equip 227-1271
205 Garland-Affolter Engineering Corp mfrs agts 223-7349
206 Power Transmission Products (fluid power div) 227-1272
207 Power Transmission Products (Stge)
210 Lorillard P Co (Stge)
212 Lorillard P Corp sls div 228-9439
213 P Lorillard Co mfrs agt
214 Lunch Rm
220 Portland Iron Works (Addl Sp)
NW OVERTON ST INTERSECTS
1301 Wayland Tire Co 241-8555
1333 Golby Bag Co burlap mfg & recondtg 228-7416
NW PETTYGROVE ST INTERSECTS

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12TH AV SE —FROM 1201 E BURNSIDE ST NORTH

ZIP CODE 97214
SE ANKENY ST INTERSECTS
101 Vacant
113 Amin Ivory A Mrs
Morlan Judith
114 Mellow Tree Landscape Maintenance 231-8925
Boatwright Steven 231-8925
127 Wong Gary S
Chen Mary Mrs 234-3986
128★Lindemeyer Steve 232-6053
★Short Keith 232-6743
129 Vacant
134 Sigas Tasos ◎ 232-5901
135 Trepanier Edgar 238-0596
SE ASH ST INTERSECTS
201 Hippo Hardware & Trading Co hdware & second hand antiques 231-1444
211 Nowicki Diane 235-3804
★Velazquez Elaine 238-2763
212 Technical Electronics Inc 233-7575
213 Hippo Hdw (Addl Sp) 231-1444
231 Catholic Family Services 231-4866
Healthworks Inc consultants 231-0090
234 Moore's Audio Visual Center Inc 233-5621
SE PINE ST INTERSECTS
303 Saint Francis Of Assisi Catholic Church
310 Maryatt Industries industrial lndry 233-2446
SE OAK ST INTERSECTS
400 Frau Hergert's German Restaurant & Deli 239-7690
410 Vacant
416 Wilson Ann
418 Vacant
436 Security Signs Inc mfg & installer of elec signs 232-4172
SE STARK ST INTERSECTS
503 Todd Apartments
A★Sisco John
1★Barttlet Cecily
2 Vacant
3★Turner Polly
4★Lasher Arth
5 Cleveland Agnes
7★Bowman Marlene 235-1241
8 Elder Ron 233-2109
9 Matosky Myer D 233-1309
10★Poirrer Shelly
11★Hill Larry
12 Beck Warren
14 Hollingworth Roy 238-6672
15★Reed Joan
16 Pitts Edith 235-3880
535 Oregon Industries For The Blind 238-8375
SE WASHINGTON ST INTERSECTS
603 Stoppelcamp Margt A ◎ 236-8253
623 Collins Leone H Mrs ◎ 232-3719
633 Campbell Industrial Supply 231-4820
SE ALDER ST INTERSECTS
707 Vacant

232
SE MORRISON ST INTERSECTS
SE BELMONT ST INTERSECTS
909 General Tire Service 234-7543
914★Smith Anna 236-5800
932 Apartments
924 Vacant
A★Nguyen Phu Van 232-6997
B Rockwell E 238-9894
C Vacant
D★Nguye's Sau Van
SE YAMHILL ST INTERSECTS
1000 Kennedy Cleaning & Decorating 234-0509
Kennedy Construction Co bldg contrs 234-0509
1007 Candelier Shop The antiques 232-6654
Thompson Virginia A ◎ 232-6654
1016 Chin Bill ◎ 232-9948
1024 Apartments
1★Brookover Marie 236-1711
2 Forsty Edw
3 Chung Hop
4 Vacant
1025 Apartments
1★Hobson Judy
2 De Biase Pat
4 Rymer Ron
5★Magaw James
6 Lee Robt
1028 Nancy Jade Market gro 235-5095
1032 Roberts Mark 232-3865
1035 Mission Rose Apartments 235-2994
1 Parsons Mildred Mrs
2 Mission Rose Apts (Ofc)
3 Vacant
4★Phillips M
5★Burbey Wm 235-0724
6 Petersen
7★Claflin Jeffrey
8 Smith Helen M 232-2718
9 Prohaska C
10 Vacant
11 Fowler Delbert 239-5036
12 Peik
13 Hopkins Esther
14 Rittenhouse
15 Vacant
16★Andresen
17 Taylor Bob
18★Fletcher P D
19★Aquino N
20 Doherty Edw M 232-0313
21★Rubin E P 232-4374
STREET CONTINUED
1036 Preston's Plant House
SE TAYLOR ST INTERSECTS
1101 Amato Lanes & Restaurant 234-0446
SE SALMON ST INTERSECTS
1239 Vacant
1240 Wiesner Distr Inc 238-1234
SE MAIN ST INTERSECTS
1313 Oregon State Grange Building 236-1118
Oregon Grange Bulletin 234-7577
Oregon State Grange 236-1118
Oregon Grange Auditorium
1316 Preferred Import Co 234-5493
1340 S K's High & Dry restr 236-0810
SE MADISON ST INTERSECTS
1401 Bottle Recyclers (Depot)
1408 Automotive Vinyls & Fabrics seat covers 232-5862

240
SE HAWTHORNE BLVD
SE CLAY ST INTERSECTS
1603★Williams Ellona Mrs 232-0437
1605★Ponder Henk 235-9077
1607★Weber Steph 234-9152
Nudo James L 233-4140
1609★Luggery C E 231-6538
1615 Larry & Chuck's Heating Service furnance reprs 232-5747
1623 Vegetable Juice Co The health foods ret 236-2333
1629★Lui Sing K 232-4702
1631★Service M 236-3049
1637 Ye Olde Junk Shop (Stge)
1638 Mulberry Apartments 236-5605
2 Hoikka Aug E 236-1864
4 Aquino P
12 Vacant
13 Tessier Ernest W 235-3673
101 Pauli Cora A 232-5834
102★Burggraf O
103★Johnson Sara 235-0423
104 Thompson Nellie M
105★Gardner M
106★Lee I
107 Pottsmith Mary M Mrs 236-1985
108 Hoffman Audrey 232-6669
109 Fossi Terry 234-5722
110 Crisp Ray
111★Gerity K 234-4743
112 Mc Girr Eliz L 232-2049
113 Luaraca Arth 236-3476
201★Robinson M 232-9342
202 Yamada Hattie H 231-9291
203 Nelson Anna C Mrs 235-6842
204 Mills Mary E 232-6284
205★Wong Brian
206 Dolan Michl P 231-9580
207★Wong Emily
208 Fitzsimonds Margt M 232-6453
209 Lindle Ann 235-7327
210 Hansen Ruth Mrs 232-4601
211 Nance Roy
212 Delaet Teresa 236-7933
213★Fitzsimmons Margt M 238-4773
1639 Nguye's Upholstery
STREET CONTINUED
SE MULBERRY AV INTERSECTS
SE MARKET ST INTERSECTS
1711 New Life Cleaners 234-3424
Apartments
A★Yan My 233-0725
B Lee Verner 238-1676
C Wongon
D Lee Hoy K ◎ 236-9835
1717 Iwamoto Ray T 234-3424
1719 Iwamoto Raymond G
1720 Karate For Women 233-7070
1723 Vacant

Grand Av.
Tel. (503) 233-8761
Portland, Oregon 97214
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Rioprensteins
Lloyd Center 287-2401
Eugene-Valley River Center 683-2850
Salem 585-6313

NE 13TH AV—Contd
5029 Nickerson Donald O
5034 Avent
5035 Johnson
5044 Killmon Wm 249-0349
5045 Foughty Orton P ◎ 284-7411
5050 Jenkins Granville ◎
5051★Stowell Blue 281-3513
NE WEBSTER ST INTERSECTS
5112 Parker Earlene Mrs 281-7099
5121 Nesbit Harry L 282-7545
5122 Smith F 282-7536
5128 Heying Gerald L ◎ 282-8338

150
NE WEBSTER ST INTERSECTS
NE SUMNER ST INTERSECTS
5210 White Opal M 284-8122
5322 Vacant
NE ROSELAWN ST INTERSECTS
5265 Vacant
NE EMERSON ST INTERSECTS
5312 Emerson Plaza Apartments
A★Berry L 281-8658
B Keister Edw 281-2688
C Lowery Calvin B
D Griffith Willis D
E Williams John C
F Wallace Grant 282-1929
G★Harris Eddie
H★Keys Eliz 281-2352
5314 Emerson Plaza Apts
I Hassan Albert
J Vacant
K★Conteh S
L Vacant
M Shipp Ruby Mrs 288-9913
N Campbell
O★Christopher Charles 281-2665
P★Wilson T
5321 Doakes Annie R
5406★Matthews Howard ◎ 287-5457
5420★Gomez Martha S Mrs
5430 Watts Fannie I ◎ 284-3726
NE KILLINGSWORTH ST INTERSECTS
5524★Harris Amos C
5602 Winslow Steven H 249-0972
5603 Rudolph Joan 284-5166
5612 Hargrove Willie E ◎ 287-5974
5615 Scheid Carma L Mrs ◎ 282-8209
5622 Bixel Roy B ◎ 282-6104
5625★Thomas E E ◎ 249-1725
5633 Vacant
5634 Baker Betty J Mrs ◎
5635 Vacant
5702 Marshall Paul E ◎
5705★Jordan B A 281-9535
5707 No Return
5712 Vacant
5713★Fay Wm J 281-8930
5723★Ryce Lou
5733★Roberts Ernest T Jr 284-7057
NE JARRETT ST INTERSECTS
5807 Davis Elmer
5814 Sutton Ronald H ◎ 287-7099
5815 Vacant
5825 Brazil Joseph E Rev 284-9090
5826 Hill Robt C Rev ◎ 287-5680
5832 May Arth G ◎ 284-4666
5835 Vacant
5844 Vacant
5845 Ramball Ernie ◎
5850 Carr Myrtle R Mrs ◎ 287-7976
5901★Pickering Donna L ◎ 287-8489
5904 Kenyanjui Penny K Mrs 281-6585
5911 Comfort Screen & Window Co 281-8967
Heinz Carl J ◎ 281-8967
5912 Coleman Mary L
5918 No Return
5919 Boom Christina Mrs ◎ 281-0417
5930★Batchelor Mary A Mrs ◎
5931 Mc Calmont James ◎ 282-1153
5945 Rose Vernon ◎ 281-3898

168
NE AINSWORTH ST INTERSECTS
6010 Rush Virginia R Mrs ◎ 284-1634
★Rush Oxis C ◎ 284-1634
6015 Davis Arth C 287-0948
6024★Cox Sandra Mrs ◎
6025★King Timothy J ◎ 288-1812
6034 Washington Edw J ◎ 284-1743
6037 Vacant
6104 No Return
6105★Strachan Joyce Mrs
6115 Busch Ralph R ◎ 287-7792
6116 White Crucita Mrs
6121 Bittman Phillip
6126 Benjamin Rita A
6132★Lewis Huberta 241-2901
6133 Wright Myron N ◎ 282-9298
6201★Harper James G ◎ 288-0611
6206 Grizgby Charles 287-4649
6210 Smith John L ◎
6215 Tate Roland R ◎ 281-1587
6224 Hall Eliz Mrs ◎ 284-4452
6229★Jackson Sidney J ◎ 284-3412
6232 Paul Janitorial Service 282-0468
Paul Royal J ◎ 282-0468
NE HOLMAN ST INTERSECTS
6305★Morgan Melanie J ◎
NE HIGHLAND ST INTERSECTS
6405 Vacant
NE PORTLAND BLVD INTERSECTS
NE BELLEVUE AV INTERSECTS
NE MORTON ST INTERSECTS
6532★Symonds Eliz J
6536 Vacant
6547 Broyhill Warren ◎ 288-3087
NE LIBERTY ST INTERSECTS
NE LENORE ST INTERSECTS
NE JUNIOR ST INTERSECTS
6717 Hopper Hazel I Mrs ◎ 284-1426
6720★Bonelli Al P ◎ 285-6856
NE DEKUM ST INTERSECTS

174
NE DEKUM ST INTERSECTS
6810★Urban Anthony R
6815 Woodland Park Condominium Homes
Vacant
NE DEAN ST INTERSECTS
6817 Vacant
6819 Under Constn
6831 Vacant
6833 Under Constn
6835 Vacant
6837 Under Constn
NE SARATOGA ST INTERSECTS
6943 Vacant (3 Hses 6943-47)
6949★Eaton Matthew C ◎ 285-3360
NE WINONA ST INTERSECTS
NE BRYANT ST INTERSECTS
7038 Bennett Marie Mrs ◎ 289-4694
NE MORGAN ST INTERSECTS
7106 Witts Sidney
★Rose Larry
7132 Williams Robt L ◎
NE BUFFALO ST INTERSECTS
7207★Rogers J ◎
7224★Love Julius ◎ 285-2313
7327 Vacant
7225 Bushy Thelma
7243★Gentry Sophie J
NE HOLLAND INTERSECTS
7334 Nozaki John I ◎ 289-2926
NE STAFFORD ST INTERSECTS
UP TRACKS INTERSECTS
NE LOMBARD ST INTERSECTS
NE LOMBARD PL INTERSECTS
7515 Northwest Protective Coatings Inc pnt applications 285-4631
7522 Retronics Inc whol tires 283-2231
NE RUSSET ST INTERSECTS
NE COLUMBIA BLVD INTERSECTS

932
13TH AV NW —FROM 1301 W BURNSIDE ST NORTH

ZIP CODE 97209
NW COUCH ST INTERSECTS
102 Blitz Weinhard (Stge)
NW DAVIS ST INTERSECTS
221 Platt Electric (Whse)
NW EVERETT ST INTERSECTS
300 Plancich Fish Inc 227-6416
318 Metz Sup (Addl Sp)
NW FLANDERS ST INTERSECTS
401 Carton Serv Whse
NW GLISAN ST INTERSECTS

13
NW HOYT ST INTERSECTS
NW JOHNSON ST INTERSECTS
NW KEARNEY ST INTERSECTS

934
NW LOVEJOY ST INTERSECTS
1039 Wilbur-Ellis Co (Whse)
NW MARSHALL ST INTERSECTS
NW NORTHRUP ST INTERSECTS
NW OVERTON ST INTERSECTS
NW PETTYGROVE ST INTERSECTS

912
1630 Burlington Northern Inc (Section Depts) 241-6286
NW SAVIER ST INTERSECTS
1705 Burlington Northern Inc (Yard Ofc) 241-6300

180
13TH AV SE —FROM 1300 E BURNSIDE ST SOUTH

ZIP CODE 97214
SE ANKENY ST INTERSECTS
SE ASH ST INTERSECTS
215 Gibson Leola J Mrs ◎ 234-3691
Mc Donald Chuck
216 De Busk John E 234-2597
218★Endsley Joyce ◎ 232-9892
225 Otey James C
226 Lincoln Loan Co 238-6658
Benson Harry V lwyr 238-6658
239 Nutrition Information Center tchg center 235-9672
SE PINE ST INTERSECTS
314★Lyter W M 234-4973
324 Vacant
SE OAK ST INTERSECTS
419 Farwest Graphics prntg equip whol 233-7679

232
SE MORRISON ST INTERSECTS
822 Morgan Thos W 234-0150
SE BELMONT ST INTERSECTS
900 Durland Coe I ◎ 234-1451
904 Ramsay Carla D 232-9582
915 Vacant
916★Lindstrom Ursula L ◎ 232-0089
923 Apartments
1 Boswell Bruce
2 Laky Mat 236-4455
3 Einbender D
4 Jones Clara B Mrs 235-9952
6 Sigfrid Gene E 233-2339
924★Brush Wanda L
924½ Vacant
SE YAMHILL ST INTERSECTS
1013 Korn Leon E investment broker ◎ 236-3766
1016 Swift Steve L 239-4847
1030 Haigwood Victoria L 236-5294
1032★Templeman Wm J 239-7252
1034★David James 232-3415
1036★Holmes Wanda K
SE TAYLOR ST INTERSECTS
1106 Claire Apartments 231-8305
1★Blazier Geo L 235-5621
2 Carlile Don
10★Stranberg Stirling
11★Schell Hester
12★Bokor Judith
13★Watson Craig
14★Smith Terry
15 Kelsey Cheryl
16★Bentley Bruce
20★Streiff Debbie
21★Richardson Timothy A 234-2383
22★Lee Leonard 232-4891
24★Hanson David
25★Carlile Ellen B
26★Bradley Tad
30 Sanders Walter H
31 Christensen Nellie 232-4421
32 Sherman
34 Plummer
35 Sperzel Gerd A 232-8557
36 Fong Louis 232-9815
SE SALMON ST INTERSECTS
1223 Chisler Danl L ◎ 235-0123
SE MAIN ST INTERSECTS
1303 Vacant
1315 Apartments
A Schultz
B Temple
C★Mc Donald K 235-2439
D★Melhus Bruce 232-2871
SE MADISON ST INTERSECTS
1421 Ervin & Caudle cpa 233-7553
SE HAWTHORNE BLVD INTERSECTS

244
SE DIVISION ST INTERSECTS
ZIP CODE 97202
2513 Hickman Michl D 232-8259
2514★Mc Clanahan Mary K 236-2003
2518 Edwards Doug 239-4870
2519 Hynes G D
2525 Magnuson Melvin B ◎ 236-3301
2526 Nelson Michl C 232-6868
2528 Winfree Wm H
2534 Barncord Robt R 235-1472
2537★De Fad Wm H 232-3652
SE IVON ST INTERSECTS
2615 Ladd Pamela
SE CLINTON ST INTERSECTS

274
SE POWELL BLVD INTERSECTS
3111 Warren Dean Plumbing 236-4152
SE KELLY ST INTERSECTS
3205 Image Graphics prntrs 231-5659
Abilco 233-1161
3208 Ortho-Med Inc orthopedic sup ret & whol 234-9691
3215 Wood Marion L ◎ 236-4269
3216★Kingsley Paul D 232-2865
3223 Carlson Eunice E Mrs ◎
3226 No Return
3234★Thresher Wayne Rev 236-2443
3237 Tiger Steve R 239-4992
SE FRANKLIN ST INTERSECTS
3309 Shade Tree Apartments The
1★Jassim Hassan 232-6667
2 Burns Timothy M
3★Martin D
4★Nguyen Quang Huy 239-7783
5 Babic Kathleen M Mrs
6 Bye Marty L
7★Wolf John 238-1219
8 Maxwell David W
9 Muller A
10★Barber Robt
3316 Schoose Gary L ◎
3324 Krausse June A Mrs ◎ 236-6619
3325★Hamill Robt B III ◎ 232-3545
3334 Drake Gary ◎
SE PERSHING ST INTERSECTS
3352 Vacant
3353★Leonard K R 236-8184
3364★Lee Edw Y 236-9468
3367★Chin Fook W ◎ 234-4029
3372★Wicks Milo L ◎ 236-6774
3352 Vacant
3353 Sorenson S ◎ 236-8184
Donard Ken S
3356 Mitchell Steph ◎ 234-4133
3364 Healy Philip J 236-4627
Stump John D 233-1365
3367 Chin Mak Mrs ◎ 234-4029
3373 Haynes Richd D 238-1412
3383 Palmer Gary E 233-1979
SE HAIG ST INTERSECTS
3405 Nelson Wm R ◎ 233-2307
3411 Splawn Glenn W ◎ 236-7982
3414 Brooks Richd W 232-5537
3417 Bouchard Mary B Mrs ◎ 235-7041
3424 Hoag John B ◎ 236-6688
3434 Furlow Gary R ◎ 239-4041
3435 Dale Ronald Apartments
1★Pierce Jerry L 239-6986
2 Althtara Donna
3★Chavez Juan 236-0135
4 Keim Jean W Mrs 236-3229
5★Haskins Margt
6 Fay Edw W 231-0381
7 Kludt Eliz A 235-0073
8★Hartman Linda 239-6986
9 Talat Kauser 238-6856
10 Vacant
SE RHINE ST INTERSECTS
3502 Jackson Charles A ◎ 235-1466
3505 White Robt S ◎ 235-6048
3518 Schmunk David 236-7449
3523 Gerani Lynn M 235-9484
3524 Anderson John C ◎
SE LAFAYETTE ST INTERSECTS
3601 No Return
3604 Werner Eric R 234-8078
3611 Ritchies Upholstery 232-4940
3614 Dahlgren Ted P ◎ 235-4244
★Willhalm Larry 233-2306
3622★Keylock Kelly R 232-7419
3624 Nelson Linda
3625 Fisher M Jack ◎ 236-2094
3628 Scruggs Connie S Mrs ◎ 235-4948
3640 Hieter Kenneth L 231-3838
SE RHONE ST INTERSECTS
3704 Vacant
3705★Stieben Susan Mrs
3706 Bailey Steph 238-1674
3716 Lovely Peter S 232-2380
3721 Apartments
Morgan Robt Apts 232-7620
1 Velarides Patricia A Mrs
2 Hester Warren
3 Strickland Rita Mrs
4★Lebo J
5 Weirich Steph W 231-9482
6★Richmond N
7 Berry Rosann 232-2821
8 Bellamy Kermit J 232-7620
9 Davis Dorothy Mrs
10 Weldon Lydia H 232-7761
3724★Mehner Donald A 232-0400
3726★Kennedy Carl J
3734 Allen Michl E ◎ 259-5549
SE BUSH ST INTERSECTS
3803★Cooke David 235-9280
3804★Redwine Roxanne 231-0184
3818 Amerman Lorena E Mrs ◎ 235-8282
3828 Skralskis Robt A ◎ 234-7105
3838 Franel Myrna J Mrs ◎ 235-6815
3848 Johnson Lloyd G ◎ 231-6347
3904★Turner James L 231-0276
3914 Paulson Gerrald F ◎ 239-4614
3924 Peragine Tony J ◎ 234-2338
Buffet Purcer Patricia A Mrs ◎ 235-4447
SE CENTER ST INTERSECTS

278
ZIP CODE 97201
SE MARTINS ST INTERSECTS
6106 Younger Margt H Mrs ◎ 236-5133
6111 Mayer Brunswick R ◎ 232-3539
6115 Mayer Ronald D ◎ 232-7363
6120 Singer Jack I ◎ 235-5526
6129 Stainbrook Patricia A Mrs ◎
6138 Brautlacht Wm J ◎ 234-6768
6139 Lang Loyal C ◎ 235-6134
SE CARLTON ST INTERSECTS
6209 Staats Harold E ◎ 235-4663
6225 Douglass Herbert M ◎ 236-5221

328
6309 Stelter Dennis R ◎ 236-5895
SE HENRY ST INTERSECTS
SE BYBEE BLVD INTERSECTS
7018 Graham Clyde S ◎ 232-4879
7030 Sorenson B M ◎ 234-7882
7060 Smith Curtis C ◎ 236-9179
SE RURAL ST INTERSECTS
7104 Moe Conrad R ◎ 236-8915
7114★Stuart Bertha H
7138 Vacant
7152 Eckley Mathilde Mrs ◎ 232-3604
7214 Vacant
7215 Willamette View Chiropractic Center 238-7025
Platt David A
7230★Mc Grath James ◎ 236-5507
7237 Apartments
1 Owens Danny 232-3414

LICENSED - BONDED
(IN PORTLAND): 289-3851

SE ALDER ST 1981

N ALBINA AV—Contd
5736 Piedmont Friends Church 289-0143
5737 Neill Dennis D 285-6131
5741*King Lloyd E 285-9186
5745 La Bonte Michl
5747 Vacant
5749*Gillard Rebecca J Mrs
5750*Beasley Wm F 289-3464
5801 Beebe Alice R Mrs @ 289-9900
5806 Haase John A @ 289-0357
5814*Dahn Tha 289-0675
5815 Lopez Michl 285-2439
5823 Lankow Edw C 283-5416
5824*Groskopf Robt J 283-0890
5833*Gangle Rose M Mrs @ 283-6797
5836 Simmons Jerry @
N SIMPSON ST INTERSECTS
5903 Vacant
5915 Mc Clure D @
5920 Vacant
5921 Mitchell Helen Mrs 283-6685
5922 Apartments
1 Smith Arth G
1a Huston J
1b Bafford Janette
2*Shannon Wesley
3*Chau Vi Wong
4 Vacant
5*Guillermo Garcia H
5924*Danner Mike 285-0727
5926*Dumont Marilyn
5931*Kelly Richd L 289-3048
5933*Hart James E 283-3240
5940 Gillespie Frank Arco Service 289-8918
N AINSWORTH ST INTERSECTS
6015*Banks Morris M 283-8048
6017 Warren Carl J @ 285-4763
6033 Gorsline Ralph H Rev @ 289-3985
6103 Jones Geo @
6111 Vacant
6121 Adams Nolan @ 283-4019
6133 Crawls Andrew @
6145 Vacant
6205 Moore Leola Mrs
6215*Mc Pherson Donald @ 285-7036
1 Casey Gail Y Mrs
2*King Cheryl Mrs
6325 Lively Apartments
1*Francis John
2*Johnson Brad
3*Simms Joe 285-8669
4*Taylor Donald
5 Vacant
6*Taylor Debora
7*Parter Janet L Mrs 289-7527
6345 Albina Apartments 285-7810
1*Aazzerhah Rebecca R
2*Dahl Richd
3 Craig Colman
4 Alexander Emma I Mrs 285-5337
5*O'Brien Diana
6*Preston Spencer
7*Moore Sheryl
8 Tollefsen Richd R
9 Roundtree Ernest C 285-7810
6400 Peninsula Park 285-4222
6411 Angelina Courts apts
1 Vacant
2 Hobson Wilma C Mrs 289-3940
3 Lunsford Rodney D 289-4493
4*Johnson Olga M Mrs 289-1654
5 White Suzanne M Mrs 285-5495
6*Baker Terry R 285-3152
7 Antoriette Jan
8 Toy Ray N 283-3045
9 Anderson Walter M 285-4018
6425 Oregon Funeral Service Inc 283-2275
N HOLMAN ST INTERSECTS

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N PORTLAND BLVD INTERSECTS
6506 Barbisan Chevron Service 285-9486
6521 Vacant
6523 Bogan Paul
6534 Xerox Corp Of Portland (Br) 221-1850
6535 Griffin Lorey
6537 Carroll Eug
6539 Vacant
6551 Vacant
6553 Mask Alphonso 285-3278
6555*Clubb C
6557*Scoter Leon
6558 Robertson Synetta Mrs @ 283-5043
6603 Gray Irene F Mrs @ 289-2393
6605*Tellicare Sophie
6615 Lageson David M @ 289-5296
6616*Macklin Wm 285-2775
6615*Nguyen Thanh Thi 283-3799
6625 Williams Geo E Jr @
6626 Buck Ambulance (Ofc) 285-3639
6627 Williams Rosa E Mrs 289-6630
6628 Vacant
6636 Vacant
6635 Viertola Azel @ 289-7792
6640 Turner Sammy L 283-5230
6701*Hoard Donald C @ 283-3030
6702*Green Thos E
6704*Riley Kenneth W @ 285-7515
6711 Kyle Donald
6716 Sasaki Esther M 283-4317
6718 No Return
6730 Wormop Rosa Mrs 286-8992
6732 Carmichael Nellie L Mrs 285-3817
N DEKUM ST INTERSECTS
6805 Baker Douglas S @ 283-4510
6806 Crete Robt A @
6814 Pollard Millie C Mrs @ 285-3864
6815 Ho Phu D @ 289-0832
6822 Vacant
6823 Mc Connell Kelly W @ 285-4197
6831 Laurence Ivan Rev @ 283-0997
6832 Le Gore Max @ 285-0919
6836 Shields Helen @
6845 Pate Gary A 285-5032
6849 Weatherspoon Henry E @ 285-7805
6850 Richardson Marie H Mrs @ 285-9584
6902*Bishop Donn 285-0678
6903 Wells L J @ 283-2953
6911 Rahmaan Abdul S 289-9162
6914*Anderson Edw J @ 285-6541
6916 Leach Florence E Mrs @ 285-4306
6919 Stewart Blanche D Mrs @ 289-1910
6926 Kerr Nat @ 289-3993
6926 Nudo Lavada Jr 283-4660
6934 Grice Bonita J 285-6263
6935 Betcher John 289-8489
6943 Maleta Michl E @ 285-4214
6944 Greene Allen R 289-0136
N BRYANT ST INTERSECTS
7001 Vacant
7007 Form And Structure cabt mkrs 289-9204
7008 Altizer Donald R 283-2660
7011 Vacant
7013 Elmer's Barber Shop 289-8529
7014*Shuse Dani S 285-3648
7023 Potter Richd C @ 289-4737
7024 Mc Kinney Walter W @ 285-2365
7032 No Return
7039 Pennington Kath H @ 283-4533
7042 Rippe Ernest L @ 285-8039
7051 Vacant
7052 Davis Frank @ 285-3846
7059 Christian Don A @ 289-9897
7060 Rose Steven 285-8276
N MORGAN ST INTERSECTS
7102*Ludolph Don E @ 283-1577
7107 Lehmann Olive P Mrs @ 285-2710
7114 Hunt L Jean Mrs @ 289-7508
7115 Casey Robt W 285-8772
7122 No Return
7126 Carter Billy R @ 289-3211
7134 Jacobson M Mrs
7137*Barstow Rex 285-7156
BUFFALO ST INTERSECTS
7204 Anderson Gale @
*Mininger Robt D 289-8381
7207 Pamplin Mildred C Mrs @ 289-0312
7211 Van Ditto Gladys J Mrs 286-4263
7214 Pontius Lucy E @ 289-0892
7224 No Return
7235 Asch Lee J Jr 289-0557
7238 Maleta Albert G @ 283-3994
7237 Vacant
N HOLLAND ST INTERSECTS
7303 Donovan James E @ 285-7559
7304 Becker Arnold J @ 285-1335
7314 Esler Vern L @ 285-3258
7315 Mayes Ellen L Mrs @ 289-0219
7320 Streeter Zelner L
7322 Vacant
7331*Maher Edw @ 289-9860
7334 Klenke Debbie A @ 285-3191
N STAFFORD ST INTERSECTS
7401 Hair Hollow beauty salon 289-0438
Dent Jackie
7404 Vacant
7414 Le Donna's Beauty Center 285-3900
Gharesai Gholamerza 289-7985
7416 Oregon Journal No 13 289-6850

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N LOMBARD ST INTERSECTS
7506 Wese John A @ 289-1874
7515 Davis Nathan 289-9872
7517*Scott Gladys H Mrs 289-1380
7525 Bredeesen Sigurd E @ 285-1543
7530 Anderson Jeannie Mrs @ 285-1598
7544 Kemper Hazel Mrs @ 289-0864
7549*Freeman Richd 289-0088
N RUSSET ST INTERSECTS
7607 Kennedy Michl @ 285-8451
7618 Oleako Wally J
7619 Dinse Alf J @ 285-1669
7623 Hays Harold R @ 289-8711
7624 Moore Donald J @ 289-0457
7633*Ford Don F @ 283-7031
7634 Vacant
N BALDWIN ST INTERSECTS
7656 Hinger Dion Mrs @ 285-7678
7665 Aldritt Kenneth A @ 283-4712
7666 Ryan Lloyd L @ 285-2767
7675 Pyle Dani @ 289-2851
7678*Machaleka Fred J @
7684 Teachman Andrew @ 289-9831
7685*Aramith D J 285-7464
N FARRAGUT ST INTERSECTS
7716 No Return
7719 Treat Wendy A Mrs @ 283-5374
7728 Reyes Bernard E @ 283-4264
N TERRY ST INTERSECTS
7816 Neill Kenneth H @ 289-6016
7823 O'Dell Merle E @ 289-6980
7824 Henselman Harry G @ 285-5176
7834*Buttolph Kenneth E @ 289-3393
N WINCHELL ST INTERSECTS
7907 Button Robt 289-7303
7914*Rogers Erman A @ 285-2311
7924 Riordan Paul V @ 283-0005
7933 Vacant
7934 De Witt John R @ 283-4282
N WATTS ST INTERSECTS
8017 Laird Hannah H Mrs @
8115 Vacant
UPRR TRACKS INTERSECTS
COLUMBIA BLVD INTERSECTS
8404 Amachem Inc (Whse) 283-3839
8454*Neault K M 285-4396

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ALDER CT SE —FROM JUNCTION OF SE MORRISON ST AND SE 30TH AV SOUTH

ZIP CODE 97214
3020*Herz Teresa 238-5762
3022 Utzinger Janice 233-6898
3025 Prince Richd C @ 235-3574
3033 Vacant
3037 Apartments
Arildson J A 233-9725
3041 Torbenson Marvin G @
3043 Mclean Verne A 232-0327
3048 Fulton Charlton P 233-2716
3050 Matthes Herbert L @ 232-1820
3100 Pierson Russell H @ 233-8156
3114 Madsen Marie Mrs @ 231-6026
3118 Shafer Beverly Mrs
3119 Parallus Lurline T Mrs @ 234-2080
3124*Walker Jenifer J 236-9594
3126*Doudna Gladys M 239-7551
3128 Hellstern Lynne K 232-7863
3129 Pierson Russell A @ 233-0847
3130*Jones S G 231-7402
3135 Vacant
3141 Reevee Larry W 231-7623
3142 Earp Charles F @ 235-7142
3149*Horne L
SE 32D AV INTERSECTS
3215 Apartments
1*Denny John
2*Gunels Andrea
3*Smith Sandra M 234-1282
4 Lommen J 238-6971
5 Love T
6*Stelker John R 239-0241
7*Plemons Steve
3225 Apartments
1*Cahill Robt 235-1520
2*Saunders Lawrence E
3*Veltman Kip A 235-1623
4*Harris Gary 231-0534
5*Leonard Steven 232-6801
6*Alcorn Jason 236-1705
3234 Decker Howard E @ 235-5673
3235 Walton Marjorie Mrs @
3242*Richardson Michele I 234-2002
3242½*Wright Kathy A 236-3811
3244 Daugherty Joyce
3245 Rothlind Dale 235-3283
3246*Ryan
3248*Burns Gladys R Mrs 235-9292
SE 33D AV INTERSECTS

176

ALDER ST SE —FROM WILLAMETTE RIVER EAST 1 NORTH OF SE MORRISON ST

ZIP CODE 97214
SE WATER ST INTERSECTS
SE 1ST AV INTERSECTS
SP TRACK CROSS
102 Schnell Refgr (Whse)
104 Schnell Refgr (Whse)
109 Cawthorne Gerald D mfrs agt 238-1526
Flury Michl J inv counsel 238-1875
Idea Factory The consultants 232-9055
Drew Ameroid Chemical Marine 231-9113
Re-Creation Mart whol sauna sup 233-4911
Thompson Brad Co mfrs rep 232-2450
Stroud Moving Co hauling & stge 238-0174
A-Ok Lock Box-Mini Storage stge sp rental 235-3333
Progressive Systems mfrs rep 223-1433
128 Schnell Refrigeration coml refgr 233-1116
129 Zenner Brothers Seed Co whol & ret 231-1019
Alder Street Sales Co tools 236-0021
132 Dealers Sup Co (Whse)
SE 2D AV INTERSECTS
203 Eagle Pacific Inc pet store 239-4256
222 La France Wine Co (Whse) 233-6787
229 Vacant
231 Pioneer Fruit Distributors 236-1187
SE 3D AV INTERSECTS
304 Corno & Son (Whse)
307 Automotive Jobbers Warehouse Inc 238-7373
318 United Brokers Co fruit & vegetables whol 232-3103
321 Burns Bros Inc mdse whse 234-7393
SE UNION AV INTERSECTS
410 Caplener Transportation Co 232-4119
414 Central Dispatch Inc truck brokers 233-5495
420 Vacant

938

SE GRAND AV INTERSECTS
537 Duncan's In Portland antiques 233-7505
SE 6TH AV INTERSECTS
610 Printers Sup (Stge)
615 Vacant
618 Portland Police Athletic Assn 234-1142
626 Citizens Photo (Ship & Rec)
SE 7TH AV INTERSECTS
720 Bell Tire & Battery Co (Addl Space)
SE 8TH AV INTERSECTS
801 Mitchell Lewis & Staver agri implts 233-4921
808 Robert's House Of Wines whol 234-7551
820 Distributers Warehouse 234-6084
SE 9TH AV INTERSECTS

180

SE 10TH AV INTERSECTS
SE 11TH AV INTERSECTS
1110 P A C T Community Action Program youth center 233-1113
Continental Credit Assoc 231-6565
Milwaukee Computer Services Inc computer time als 231-7537
Whipple Jay W lwyr 231-5796
Worthington Pump Corp contrs supe & equip-mfrs 232-1158
Child Care Coordinating Council 238-4320
SE 12TH AV INTERSECTS
SE 14TH AV INTERSECTS
1403 Neal Wm O @ 232-9961
1409 Palmer Larance M @ 235-7426
1415*Mack Robt J 231-8815
1423 Burk C D 233-1425

182

SE 15TH AV INTERSECTS
1507 Jaquith Ned 231-7322
1516*Friesen Greg 238-0018
1518*Dorland J Burk 239-0408
1522 Stacy R D 231-0669
1524 Emard Terry E 235-7759
1535 Vacant
SE 16TH AV INTERSECTS
1618 Vacant
1626 Apartments
1*Michaelson M
2 Peterson Clara
3*Haltermary Kelli 231-6539
4*Schmitz Leslie A 234-1834
5*Bryan M
6*Tadel Lou A
7*Sieben Richd
SE 17TH AV INTERSECTS
1703*Burke K A 234-1834
*Hutchinson Mark 231-9422
*Landee Martin D 239-9221
*Woodburn Terry A 235-9220
1714 Vacant
1716 Lockwood Marilyn
1718 Dugan Sarah
1720*Siddons Bruce 238-3874
1722*Rozek Harry J
1725 Anderson Carl A @ 235-0509
1726*Caldwell Terria L 232-8002
1728*Gurner Denise E 239-4747
1732*Bray Jack R
1734 Vacant
1736 Coon Robt D 232-2660
1738*Sawhney V K 239-8183
SE 18TH AV INTERSECTS
1804 Mc Millan C @ 236-3471
1805*Artrip Frank 235-3294
1815 Catabay Florantino C @ 232-2014
1816 Strange Josephine Mrs @ 232-7472
1823 Mellis Maryann F @ 236-0903
1826 Kiesel Kath E @ 232-4249
1833 Kreutz Randall W @ 232-5386
SE 19TH AV INTERSECTS
1904*Kyle V 231-7315
1915 Ammon Hennacy House drop in center 236-5374
Mc Nasser Patk 236-5374
1916 Timusk Elsa @ 232-9895
1924 Maxand Thos
1925 Apartments
1*Jones K
2 Vacant
3 Nichols Esther
4*Weber D M
5 Fisher Charlotte 235-1027
1926 Vacant
1936 No Return

224

SE 26TH AV INTERSECTS
SE 27TH AV INTERSECTS
2700 Alderwood Apartments 233-1992
2702*Vanderbrook Barry T 232-1417
2704 No Return
2706 Gaines David L 233-1992
2708*Pettibone M 235-5529
2710*Cobb Willis F
2712*Reynolds P A 232-9533
2714 Vacant
2716 Jessen Lawrence M Jr 235-9472
2718 Waibel Lucilla Mrs 232-0359
2720 Carlson Alan E 232-8906
2727*Bush Melvin E 236-5637
*Donatini P 238-0026
*O'Connor Kelly 236-2803
2730 Brown Sebastian G 239-0798
2732*Brown Mary M
2734 Mc Hugh
SE 28TH AV INTERSECTS
2824 Kerr Wm B 232-1676
SE 29TH AV INTERSECTS
2905 Loeli D R 239-9095
2909 Broderick Wm C 239-4079
2911 Boyd R S 235-1183
2915 Boyd Jerry S
2921 Apartments
1 Bacon Anna E Mrs 234-8925
2*Vincent Kathleen M 235-7001
3*Luciano John P 236-8280
4 Barnett Ethel 234-4997
5 Vacant

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SE BELMONT ST 1981

120

BEECH ST NE —FROM 3637 N WILLIAMS AV EAST

ZIP CODE 97212
4★Bullinger Darcy
6 Vacant
23 Meredith Apartments
Johnson H L 288-1189
25 Haches Dan
27★Janes Casey
29 Moss J
36 Butler James 287-6289
NE CLEVELAND AV INTERSECTS
71 Lightner Wm T
89 Vacant
NE RODNEY AV INTERSECTS
104 Caldwell Sherman 282-3343
105 Rhone Theo @ 282-6690
110 Smith Logan
112★James La Ray
113★Adams L M 287-4061
115★Hubbard Mary
122 Vacant
132 Patterson Seymon E @
NE MALLORY AV INTERSECTS
230 Child Service Center School Dist No 1 288-5361
NE GARFIELD AV INTERSECTS
309 Noble Callie M
315 Arnold Frances 281-8871
317 Vacant
NE UNION AV INTERSECTS
412 Kelly Brister @
NE GRAND AV INTERSECTS
503 Strickland Eddie M Mrs
511 Basnight Willie B @ 281-9549
525 Ritcherson Fred C @ 288-2529
537 Parker James D 281-7741
Klassen Gordon 281-3405
NE 6TH AV INTERSECTS
603★Xiong C
611 Davis Jesse @ 288-8648
616 Hart John H @
622 Ross Frank 284-0119
636 Duncan Rodger @
NE 7TH AV INTERSECTS
703 Thomas Alf
735 Carson Bennie @ 287-1487

118

NE 8TH AV INTERSECTS
807★Davis Julia
829 Terry Cartier @
836★Hull J A 281-2336
NE 9TH AV INTERSECTS
909 Peterson Edw III @ 249-1749
920 Broadous Leon @ 287-4789
931 Goodbear M 284-0301
936 Mount Sinai Church Of God In Christ 284-0854
937 Schleeser Fred S
NE 10TH AV INTERSECTS
1003 Frahm Sharon D 288-8728
1006 Hill Forest D @ 284-4239
1017★Ldridge D 287-3233
1023 Brown Charles @ 284-8117
1033 Vacant
NE 11TH AV INTERSECTS
1102 Taylor Robt @ 281-6943
1111★Johnson Solomon 287-4303
1122★Wells Patricia 249-3769
1130 Keller Laurence H @ 282-9584
1136 Enge Felton @ 281-8871
1137 Johnson James P
NE 12TH AV INTERSECTS
1202 Taylor Robt E @ 284-2964
1213★Mc Kenzie Mae @ 287-9033
1216 Mott Henry M
1227 Stephens Oscar @ 284-8324
1229 Scott Sarah Mrs @ 287-3115
NE 13TH AV INTERSECTS
1303 Buckhanan Curtis @ 287-0649
1317★Kane Paul E @ 284-5283
1327★Lapan Sylvia 288-0020
1339 Williams Angela 284-5229
NE 14TH AV INTERSECTS
1425 Ford Dwight @
1435 No Return

116

NE 15TH AV INTERSECTS
1508 Rammien Carole A
16TH AV INTERSECTS
17TH AV INTERSECTS
18TH AV INTERSECTS
19TH AV INTERSECTS

134

ZIP CODE 97213
NE 42D AV INTERSECTS
4225 Ferrell Ora Mrs @ 282-9192
4235 Benoist Ronnie L @ 288-0088
4241 Schindler Paul E @ 281-5132
NE 43D AV INTERSECTS
4305 Elisondo Richd V @ 288-8976
4315 No Return
4325 Campbell Marlene Mrs
4331★Waters Bernard 284-9737
4341 Lee Harold E @ 287-3486
NE 44TH ST INTERSECTS
4401 Lowery Geo W @ 288-0061
4411 Garrigues Julius D @ 281-7071
4421★Lukens David M @ 249-8744
4426 Carrington Wallace C @ 287-2340
4431 Bergstrom Carl O @ 284-1088
4441 Drake Wm C @
4453 No Return
4461 Moody Helen F Mrs @ 284-3246
NE 45TH AV INTERSECTS
4507 Masterson Keith R @ 287-4944
4517 Durst Le Roy H @ 287-8689
4527 Vacant
4537 Kovacevic Tony A @
4547 Eisenberg H Alan @ 282-1110
NE 46TH AV INTERSECTS
4605 Hawes Arth C @ 281-4567
4621 Henderson Lawrence L 284-1596
4625 White Clifford M @ 282-0058
NE 47TH AV INTERSECTS

100

6201 Elcco Enterprises Inc bldg contrs 282-8815
6210 Sipler Robt E @ 282-9860
6221 Fendley Helen L Mrs @ 282-0306
6222 Lutz Emanuel @ 287-9932
6230 Petit Paul K @ 281-4033
NE 63D AV INTERSECTS
NE 64TH AV INTERSECTS
6414 O'Connor Edwin D @ 284-8581
NE 65TH INTERSECTS
NE 66TH AV INTERSECTS
6609★Norelius Lela M @ 284-3923
6610 Lovelady Bruce A @ 284-9920
6633 Poeschel Carl @ 287-7487
NE 67TH AV INTERSECTS

98

NE 68TH AV INTERSECTS
NE 69TH AV INTERSECTS
NE 70TH AV INTERSECTS
7004 Schaffer Joseph G 282-9608
7023 Roberts Kenneth A @ 284-4847
7033 Post Jack E @ 284-0387
NE 71ST AV INTERSECTS
7105 Baxter Jean Mrs @ 287-8857

96

NE 75TH AV INTERSECTS
7421 Beck-Arnley Foreign Car Parts accessories ret 288-5263
7626 Corbin Marian J @ 284-8168
7634★Corbin Claudia J @ 249-8087

94

NE 78TH AV INTERSECTS
7830 Allan Gladys A Mrs @ 287-0466
7832 Davis Bessie S @ 287-0335
NE 79TH AV INTERSECTS
7932 Postz Charles L @ 287-9574
NE 80TH AV INTERSECTS
8025 Higgins Floyd 284-4135
8027 Rollins David D 282-8972
NE 81ST AV INTERSECTS
8104 Kalberer Joseph F @ 249-8053
8105★Overly John E 287-0430
8116 Johnson Ellis W 284-4829
8117★Harrison Leo W @ 281-6309
8127 Walker Cyril J @ 287-2214
8128★Thrizis Angelo 282-0631
8129 Coen Milton 282-9951
8130 Moore Lynn D 288-0359
8132 Vacant
8133 Fenzl Rose J @

90

NE 82D AV INTERSECTS
ZIP CODE 97220
8217 Vacant
8225 Anderson Michl @
8226 Vacant
8235 Campbell Cabinets 253-5021
8236 Schaffer Jacob W @ 253-1935
8246 Turkington Donald J Jr @ 254-6617
8245 Beech Apartments
8249★Gerotti Lou
Dobbie Ian 253-4613
8301★Turner Frank
★Altman Aresa Mrs
Sullivan Paul F 254-3883
8308 Vielmetti Marvin E @ 254-5839
★Vielmetti Marvin E Jr 253-6447
8317 Mudge Stewart @ 254-2259
8328 Hanson Alf H @ 254-2920
8346 Walthard Kenneth E @
8347 No Return
8404 Blair John C 252-9613
8407 Carpenter C T @ 253-7081
8414 Vacant
8419 Albright Christopher @ 253-4297
8425 Dannie Ray C @
D & A Custom Remodeling contrs 253-0166
NE 85TH AV INTERSECTS
8504 King David F @ 252-8270
8505★St Onge Velva F Mrs @ 255-3796
8515★Beehn Kathleen I Mrs @ 253-6185
8524 Hogg Donald V @ 252-6511
8525 Anderson K A @ 255-3141
8535★Hunt Chas T @ 254-8845
8536 Ogle G 255-3324
8540★Schielbelhut Sharon E Mrs 253-3769
8545 Matthews Robt B @ 254-5312
8555 Hixson Floyd @ 256-0635
8556 King D A @ 252-8605
8604 Dunn Marguerite A Mrs @ 254-3440
8605 Wallace Frank D @ 254-9213
8620 Hall Edgar L @ 254-5147
8640 Dunn Dorothy R Mrs @ 253-7988
8643 Park Forest Care Center nursing home 256-2151
NE 87TH AV INTERSECTS
8710 Hume Raymond O @ 253-3259
8714 Toll Dale R @ 254-3791
Toll S June Mrs cake dec
8718 Shepherd Arth L @ 256-3690
8721 Hoover Ronald D @ 255-0521
8724 Floyd Paul H @ 253-4570
8731 Jaenicke Ralph E @ 252-4817
8734 Barnard Jack T @ 252-6600
8741 Enfield Romer M @ 253-6417
8750★Savage F O @ 253-0518
8751 Pella Le Roy A @ 253-9853
8761 Nielsen Lawrence A @ 254-3582
NE 88TH AV INTERSECTS
8825 Miller Donald P @
8835 Miller Dale A @
8840 Carter Myrtle M Mrs @
8845 James James C 255-8878
8855 Loveland Roscoe J Jr @ 252-7558
8855½ Larson Elna I 252-8530
8860 Woods Thos S 254-9552
8865 Klug Wm C @ 253-7697
8908 Harrington Neal R @ 255-4434
N E 90TH AV INTERSECTS

27

BELGRAVE AV NW (WILLAMETTE HEIGHTS)—FROM 2155 NW ASPEN AV NORTH

ZIP CODE 97210
2330 Mac Kenzie Thos R @ 222-1148

117

BELKNAP AV N —FROM 3286 N TERRY ST NORTH

ZIP CODE 97217
7816 Gyles Betty J 283-6910
7819 Hinman Steph A @ 283-4256
7824 Bounds Kath Mrs @ 285-1166
7827 Lovegren Eileen S @ 289-0694
7832 Miller John H @ 285-5350
7836 Kirtley Roy W @ 285-5773
7838 Nicola Geo T @ 283-0688
7846 Flick Robt M @ 289-9752
7852 Hensley Bill 289-2543
N WINCHELL ST INTERSECTS

168

BELLEVUE AV NE —FROM NE 13TH AV AND NE PORTLAND BLVD NORTHWEST

ZIP CODE 97211
6505 Jackson Forrest V @ 287-9343
6506 Antoine Wilbert
6514 Vacant
NE LENORE ST INTERSECTS
6611 Concannon Patk R @ 282-9714
NE DEAN ST INTERSECTS
6711 De Deleveaux Leonardo @ 281-5152
6712 Batties Sylvester @ 287-6058
NE DEKUM ST INTERSECTS

174

NE MADRONA ST INTERSECTS
6971 Robledo David @
NE ONEONTA ST INTERSECTS

236

BELMONT ST SE —FROM THE RIVER EAST 1 SOUTH OF SE MORRISON ST

ZIP CODE 97214
SE WATER AV INTERSECTS
SE 1ST AV INTERSECTS
111 Northwestern Ice & Cold Storage Co (Belmont Plant) 232-3832
129 Goodwill Industries (Whse)
SE 2D AV INTERSECTS
SE 3D AV INTERSECTS
311 Vacant
SE UNION AV INTERSECTS

936

SE GRAND AV INTERSECTS
511 Junior Building
Rooms
201 Asparro's Union Avenue Social Club (Ofc) 235-4955
202 Bolliger & Sons Inc (Ofc Space)
203 Bolliger & Sons Inc genl ins agcy 232-9141
522 Harold's Auto Service 232-8304
532 Pyramid Fixtures Inc lighting equip 231-5757
Addressomatic Inc addressing system 231-5757
Ostrom Studios glass ornamental 233-6847
Sidwell Fabrications sht mtl fabricators 236-4338
534 C & S Auto Paint & Body Shop Inc 232-9822
SE 6TH AV INTERSECTS
600 Ind Spity Inc (Addl Sp) 231-0802
616 Industrial Specialties Inc ind supe 231-0802
630 Vacant
SE 7TH AV INTERSECTS
700 Exhaust Specialties & Parts Inc 233-5151
707 First State Bk (Addl Space)
SE 8TH AV INTERSECTS
810 Bronco Northwest Inc distr 238-6500
826 Sea Sands Seafood whol 238-1361
835 Volunteers Of America (Sr Service Center) 232-4117
SE 9TH AV INTERSECTS
904 Koop Industrial Handling Equip Co Inc sls & serv 234-8188
935 Caruso Produce Inc whol 232-1118
936 Vacant

232

SE 10TH AV INTERSECTS
1016 Monte Carlo Restaurant 235-9171
1018★Collins H M 236-6421
1020 Monte Carlo Restr (Stge)
1024 Monte Carlo Lounge cocktail lounge 235-9171
1030 Lido Restaurant 232-7766
SE 11TH AV INTERSECTS
SE 12TH AV INTERSECTS
1206 Vacant
1216 Treasures To Trifles antiques 235-0547
1224 Apartments
1 Law Thos T 236-6516
1a★Butcher Norma
2★Wright Geo M 234-7040
3★Bartow Henry G
4 Vacant
5 Mays Ed P
6 Whitlock Wesley
7★Stafford Allen
8 Vacant
9 Vacant
10 Maxwell Wm
1226 Bankston R
1232 Wilshire Todd 235-0547
1235 Lease Northwest Inc auto & truck 234-7201
SE 13TH AV INTERSECTS
1305 Jacobson Omer T consulting eng 236-5334
1313 Apartments
1a★Mc Ginnis Dennis
1b Cooke Lester
2a★Hatfield Dennis 234-1150
2b★Halsey Douglas 235-6400
1316 Richter Edwina M @ 232-5305
1323 No Return
SE 14TH AV INTERSECTS
1403 Colonial Bldg Maintenance Co 238-6564
1405 Wellesley Court Annex
61 Petree Dorothy
62 Kagan Lee 234-8837
63 Lopez J
64★Reinholt E
65 Vacant
66★Strong D 231-9079
67 Donisi Carl D 235-4637
68 Mc Robert
1407 Videosonics (Whse)
1410 Duke Of York Apartments
Bamt Vacant
101 Nielson Glen 232-1978
102 Waldron Geo
103 Sponder
104 Vacant
105 De Shane Dwayne A 232-5406
106★Field Bernice
107 Cook P
108 Vasser Gerald A 233-9620
109 Huss T R 232-4246
110 Tolman John
112 Vacant
201 Eads Eliz E 235-1086
202 Johnson M H 235-3213
203 Richardson Susan 236-4046
204 Wegess Joseph K 239-0611
205 Arthur Bob
206 Mc Vay Charles W Jr 235-9762
207 Vacant
208 Garneck John 233-1008
209 Sharchez La Rose
210 Klippenstien Clarence A 235-4350
211 Vacant
212 De Lorme Robt 232-2730
301★Mc Bain Jessie
302 No Return
303 White Taylor
304 Mc Gowan A
305 Buckman C
306 O'Neil Steve 232-2560
307 Razar Orville
308 Medina H
309 Anderson Eric D 239-0865
310 Vacant
311 Fox H L
312 Scott Z

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N WASHBURNE AV—Contd
Meade Cath J Mrs electrolysis 289-7917
7916 Scott Wm S @ 289-0613
7919 Mineau Howard D @ 289-4372
7924 Thacker Selma E Mrs @ 289-5996
7929 Poetsch Carl F @ 289-0961
7936 Dickerson Laura T Mrs @ 285-7218
7937 Mc Elwain Mike @ 289-5609
7948 Westerhout Regina Mrs @ 289-2850
8006★Ross Bertna M @ 285-0712
8011 Patterson Joseph E @ 285-3477
8016 Johnson Geo H @ 289-0725
8017 Hall Bruce W 285-8468
8024 Biederman Leota M Mrs @ 289-9515
8029 Vacant
8040 Bowman Danl @
8101★Davis J M @ 283-4279
8110 Phillips Alyson
8111 Keller M J 283-2409
8118 Harvey Charles E @ 289-9681
N KILPATRICK ST INTERSECTS
8203 Schmid Clark F @ 289-0308
8204★Wrzesinski C 289-4310
8209 Kern Robt J @ 285-8182
N HALLECK ST INTERSECTS
8225 Kistner Olive A Mrs @ 289-6641
8226 Lewis Donna J Mrs @
8261 Schuck Arth E @ 289-2651
8267 Attig Ruth Mrs @ 289-1758
8270 Kuppe Westley @
8275 Tolman Judson R @ 289-7858
8289 Bryan Harold @ 289-7295
N ARLINGTON PL INTERSECTS
8303 Lund Edith B Mrs @ 285-5195
8312 Crolley James C @ 283-2063

129

N WILLIS BLVD INTERSECTS
8504 Duncan Myrtle P Mrs @ 285-5932
8505 Fetter Richd A @ 289-5719
8529 Brekke Bjarne M @ 289-1912
N ARGYLE ST INTERSECTS
8612★Foreman Douglas A @ 289-5628
8626 De De Leveaux Sarah L @ 285-8625
Walton Alvin 289-1542
8635 Field Frena Mrs @
8638 Mc Swain Delbert @
8650 No Return
N FOWLER CT INTERSECTS
8702 Bryant Thos
8714 Wicker Roland J @ 283-3690
8715 Milsten Earl N @ 289-7185
8722 Simmons Maria L Mrs @
8727 Vacant
N CHAUTAUQUA BLVD INTERSECTS

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WASHINGTON ST SE —FROM WILLAMETTE RIVER EAST 2 NORTH OF SE MORRISON ST

ZIP CODE 97214
SE WATER AV INTERSECTS
SE 1ST AV INTERSECTS
66 Northwestern Ice & Cold Storage Co (Whse)
68 Pioneer Motor X Press refrig trans 239-7050
Fishermans Fuel & Ice Co packaged ice 239-6000
Food Specialties whol food distr 232-8373
Northwestern Ice & Cold Storage Co 234-9511
S P CO TRACKS CROSS
107 B & O Warehouse 232-4181
Ecana Products Inc pntg prod sls
Import Food Specialists Inc importers 238-7968
Oekerman Sales food brokers 238-2919
Portland Freight Service 235-8782
Sahlin W G Imports food wholesaler 232-1883
110 Dealers Supply Co Inc bldg matl 236-1196
125 Vacant
139 Spanopoulos Nick wine importer 233-8753
Westling Co mfrs rep 238-0161
SE 2D AV INTERSECTS
201 Webfoot Fertilizer Co Inc whol 235-8761
216 Appollo Pet Supply Co Inc animal care prod 239-6768
SE 3D AV INTERSECTS
302 Vacant
307 Future Machine Corpelec mfr 232-5422
SE UNION AV INTERSECTS
423 Vacant
425 Tri-State Construction 238-7558

938

SE GRAND AV INTERSECTS
SE 6TH AV INTERSECTS
SE 7TH AV INTERSECTS
704 Radar Electric Co whol equip 233-3691
777 Parts Service Co auto whol 232-6146
SE 8TH AV INTERSECTS
815 Terrace Court Apartments
101 Terrace Court Apts (Ofc)
102★Nelson A
103 Hibbeler G
104★Beatty Marilyn L 235-1119
105★Lawhorn Buddie
106 Snyder Richd F 236-6108
107★Irvin Ralph D 239-8970
108 Johnson V
109 Schuster Louise
110 Weeks Wm 234-9455
111★Willenbring Wm 236-2525
112 Dobrowsky Hermao 234-7060
114★Hickmad Paul
115 Hale Ernest
116★Lui Ben 231-8579
117 Mc Gainty Leona Mrs
118 Vacant
124 Flinchbaugh
125 Mc Fadyen
126 Larson E T
127★Allender Morris
201★Jobb Frank
202 Powell Francis C
203 Andrews J
204 White S
205 Anderson Joseph H 239-4180
206 Maloney Crystal Mrs 238-6202
207 Taj Bakahah A
208 O'Neil Jim 238-3941
209 Grieve Helen 234-1542
210 Fulton J A
211 Heath Dan C
212★Carvey Richd
214★Wegant Thos
215 Stolarczyk Al
216 No Return
217★Rose Dennis
218 Tikka C R
219 Surdwall D
220 Welderspan Jack
221 Pankratz J M
222 Stevenson Albert
223 Patch Mary L Mrs 232-7045
224 Vacant
225 Coombe Winifred Mrs 231-8841
226★Cravere Paul
227★Udelhofen H M 234-6012
STREET CONTINUED
840 Final Touch-Interiors carpet sls & instlrs 231-1792
SE 9TH AV INTERSECTS

180

SE 10TH AV INTERSECTS
1000 Vacant
1006 Lewis Bros Inc whol meat 234-5284
1006 Vacant
1012 Schoepper Agency Inc 233-5678
1034 Nyleta Court Apartments
2 Wickes Lois A 236-8638
3 Koepke Lloyd F 232-7834
4 Bickle Wm L 236-5961
5 Vacant
1035 Bicknese Larry J 232-9653
1037 Haley Jean M Mrs 232-9793

182

SE 11TH AV INTERSECTS
SE 12TH AV INTERSECTS
SE 16TH AV INTERSECTS
1605★Gibson Rudy 238-5792
1621 Carol Apartments 232-4204
Wolfert Mary J Mrs 235-6146
1623★Blasser Ann E 239-3568
1625★Vogt Vicki L
1627 Mathiesen Rita J 232-9244
1631 Littlechild M 235-7422
1633★Calliop Nancy
1635★Anderson Ronald G 239-9894
1637★Boyle Irma C 236-9680
1641 Zeller A 239-9385
1643★Willbach Elis Mrs 234-5855
1645 Burkhart Kenneth C 235-0915
1647 West Randy R 233-9219
SE 17TH AV INTERSECTS
SE 18TH AV INTERSECTS
1803 Vacant
1809 Henderson Robt H @
1816 Herrick H @ 238-9139
1817 Ding Robt T @ 236-1531
1823 Lai Nem Hung @ 235-2075
SE 19TH AV INTERSECTS
1904 Baranski Johnny 238-1213
1916★Hardeman Troy 238-8863
1918★Martin Roma 238-8863
1919 Kimberling Bryce 236-7047
1922★Adler Steven L 236-1553
1926★Dahlmann Ruth 236-2562
1927★Hough David B
1935 Amherst Apartments
★Hamilton D K 236-1335
★Rupert Greg 234-4853
★Clark H Bruce 234-3171
★Mayberry Chuth
★Havlicek David

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SE 20TH AV INTERSECTS
2604 Vacant
2614 De Long John R 288-1279
2622 White S Evelyn 232-0470
2626 Garrett F M 231-3754
SE 27TH AV INTERSECTS
2704 No Return
2705 Meanes James
2709 Goddard Saml A
2713 No Return
2716 Walker Douglas 236-9469
2717 Hannah Louise F Mrs 238-0510
2805 Mc Clure Jean E
SE 28TH AV INTERSECTS
2809 Flotom Apartments
1★Gibson Hassel 239-7017
2 Vacant
3★Mortavity Lisa M 236-0639
4 Fraser Penny 223-1348
5★Johnson Glen F 231-7364
6 Vacant
7★Sterud D
8 Vacant
2823★Bakke Steven A 231-6320
2825 Filsinger Jack L 232-2819
NE 28TH AV INTERSECTS
2904 Michaud Teresa E 238-3935
2905 Rubens Sanford K 232-3891
2906★Welch S 239-9650
2907★Togerson Harold 231-7594
2908 No Return
2909 Schwartz Carl 233-2852
2911 Bergesen K L 232-7632
2912 Callagan Jack
2913 Fitzgerald Michl E 234-9431
2914★Erickson Bruce E 235-2085
2921 Cynthia Villa apts 236-2800
Wittmen Helen A 231-6456
2923 Hall Ethel Mrs
2925 Fong Linda 231-1353
2926★Cathey Wm M @ 233-8900
2927 Hutton Betty J Mrs
2929★Harnaah Mary M
2931 Chan A
2933 Butler Pamela 232-6078
2935 Henry Harlan A 236-2800
2937 Bender Herman G 235-5009
2938 Lovrien Lelah W 231-8848
2939★Goodman Aileen 239-7267
2940★Crabtree Viola
2941 Kochs Hans H 234-2865
2942 Beveridge Alice Mrs 236-1752
2943★Beckman Frances A 239-8580
2944★Bailey R E 239-4820
2945 Sasaki Paul K 233-1611
2947★Erwin Patricia
2949★Brazie Renee
2951★Liebert Dan B 235-5260
2953★Marti Frank
2955★Schoepp Mark L 236-8514

186

SE 33D AV INTERSECTS
3303 Abernath Keith 239-4393
3305★Long D
3317 Vacant
3324★Reeves Jeffrey P 234-2746
3328★Leonard Diane 236-3790
3330 Vacant
3331 Oberfoell Jeanette 236-9728
3335 Mc Anally Albert L @ 235-2765
3336 Wolfe Caralee 233-4129
3345 Sizer James 234-7777
3349 Thompson Irene L 235-8009
3355 Michael Verna
3359 Williams Robt J @ 235-2831
SE 34TH AV INTERSECTS
3404 Horak Philip L @ 233-9150
3416 Craig Russell B @ 234-1986
3420★Lindberg John F 239-9081
3423 No Return
3429 Friedstrom Chas @ 236-3614
3436★Southworth John @ 231-7399
3437 Peabody Philip E @ 236-0511
3447 Anderson Melvin C @
3448 Nolan Dennis F 232-7346
SE 35TH AV INTERSECTS
1★Brantley Sandra 236-0837
2★Galin J 234-7801
3515 Apartments
1 Barker
2★Gigear Mona L
3 Vacant
4 Burton C
3516 Romfo Odney M @ 235-0442
3525 Smith Robt D Jr @ 231-9094
3526 Neeneth Robt Z 231-1640
3529★Still Patk C 231-0621
3533★Pomeroy John L @ 236-4456
3534 Moomey Randall L @ 232-1142
3543 Anderson Vic A 236-1661
3544 Apartments
1★Roller Michl D 236-0559
2 Sanders W David 236-6353
3★Roller Matthew 236-3039
4 No Return
5★Scott Stacy 232-0382
6 Wolfe Darla
3552★Litman Kirk 239-8898
3555a Song Emiko 235-9065
3555b★Hwa Jo Yoo
SE 36TH AV INTERSECTS
3603★Wojack Cynthia 238-3779
Soehl Scott T 236-4438
3608★Novak Jo 236-4069
3611 Aamuth Ann M 233-1773
3614★Foster Robt G @ 231-0513
3619 Wooda Donald W 231-8040
3620 No Return
3627 De Rouchie A 234-3480
3628 Lindsay
3632★Salisbury Gerald 236-0681
3633 Pop Dale 235-5547
3640 Haick Wm E Jr @ 234-2486
3643 Harrington Mike
3651 Haggstrom Enfrid A @ 232-0650
SE 37TH AV INTERSECTS
3704 Foster Margie C Mrs @ 236-8437
3708 Biggs Anna M Mrs @ 232-7973
★Biggs Ana M Mrs @ 232-7973
3716★Moberly Linda 231-9406
3717★Ludwig D E 234-6211
3723 Andersen Kath J Mrs @ 232-2263
3724 Gustav Thos W @ 234-4418
3731 Seitz Sondra J 232-0824
3739 Vacant
3740 Meckel John F @ 236-1486
3746 Chapman Alvina E Mrs @ 236-4077
3747 Heffernan Frances X 233-2765
SE 38TH AV INTERSECTS
3817 Starr Dorothy A Mrs @ 232-1810
3819★Lajoy Ken 239-9025
3823 Lorey James J @
3829 Seventh Day Adventists Stge
3843 Disc'orc Stp (Antics)
SE 39TH AV INTERSECTS

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SE PEACOCK LA INTERSECTS
SE 41ST AV INTERSECTS
4101 Culver Kenneth @ 232-0976
4102 Carter Joe M 234-3596
4107 No Return
4107a No Return
4115 Miller Alex @ 236-3908
4125 Ng Sheung Hon 232-3777
4126 Werner Andy B @ 236-0207
4132 Eberwisch Gayle G 236-5717
ZIP CODE 97215
4204 Fischer Reuben R @ 238-1331
4212 Schultz L E 235-3042
4215★Watkins Frank E
4221 Taylor Wm M @ 235-6354
4224 No Return
4233 Rosario John R
4234 Vig Elvira Z
4242 Franson Geo F @ 236-3629
4253 Kelly Edna S Mrs @ 234-6089
4254 Sunnyside Church (Fellowship Center) (meets)
4272 Eddy Ethel L @ 235-1784
SE 43D AV INTERSECTS
4305 Lee Allen S 236-1402
4306 Kniffin Helen L Mrs @
4316 Masson Eva M Mrs @ 235-1867
4317 Johnson Leslie @ 231-7759
4326 Osilla Jess F @ 234-7917
4327 Sweeter Charles W @ 235-6318
4329 Domgorgen Irmgard E Mrs @
4334★Shaylor K 239-0326
4405 Noake Orpha H Mrs @ 236-8382
4410 Ellwein Warren H @ 235-9082
4411 Cosma Vera E Mrs @ 236-7618
4419★Bey Smith Nena 235-6500
4421★Michell Patty

190

SE 52D AV INTERSECTS
5204★Gumbert Jeanette I Mrs 232-8872
5205★Freeland Thos L
5224★Lawless Mayme A 236-9983

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SE 53D AV INTERSECTS
5304 Olinger Walter R Rev 231-9296
5315 Schille John P @ 232-1837
5327 Bertoli Francis L Mrs @ 234-4893
5335 Glosenger Robt J @ 232-9052
SE 54TH AV INTERSECTS
5413★Dockter Harold @
5414 Degue Vincent A 235-1139
5428 Madsen Eunice F @ 234-1813
SE 55TH AV INTERSECTS
SE 56TH AV INTERSECTS
SE 57TH AV INTERSECTS
5704 Kappers C Henry @ 236-5704
5705 Nielsen Dan S 231-8241
5712 Bellerby Wm J @ 234-2108
5715★Renfro Steve 232-7262
5718 Baker Leonard W @ 238-0525
5723 Myers Walter A @ 231-1882

196

SE 74TH AV INTERSECTS
7404 Faber Gertrude F @ 252-0300
7405 Davis Cecil L 252-4440
7422 Skindell Maryann Sister 253-5864
7436 Cruikshank Liana 257-0995
7523★Shores W D 256-9595
SE 76TH AV INTERSECTS
7604 Owens Phyllis 252-3238
7605 Roosinck F 256-0159
7611 French Toni
7613 Van Winkle Steven E 257-9321
7614 Pedersen Paul E @ 253-0904
7621 Harrigan Larry W 253-2909
7622 No Return
7634 Palmer Ruth E @ 254-2491
7635 Campagna Joseph L @ 253-8344
7645 Mooers Clarence R @ 254-6203
7646 Fletcher Tim 255-0902
7700 Martin Danl 252-4356
7702 Roper Virginia 253-3310
7705 Diamond John @
7714 Mc Nally John S @ 255-9970
7715 Jones Colettar R Mrs @ 253-9996
7730 Simpson Ray G Mrs @ 254-4777
Robinson Mary L Mrs 252-8069
SE 78TH AV INTERSECTS
7822 Pearson Robt M @
7832 Rowe
7836 Shaw Anna V Mrs 252-4378
7903 Goforth & Rick Enterprises investors 256-3677
7904 Baldwin Sally J 255-5123
7912 Sorger Josephine L @ 253-9691
7915 Vacant
7915a Vacant
7936★Tinker Raziel 255-3623
SE 80TH AV INTERSECTS
8006 Bethesda Tabernacle 253-1999
8025★Carr B 252-1158
8045 Vacant
SE 81ST AV INTERSECTS

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ZIP CODE 97216
SE 82D AV INTERSECTS
8309 Ebrecque Norman E
8328 Opfa Ann Mrs @
SE 84TH AV INTERSECTS
8415 Haynes Janice Mrs @ 253-9079
8424 Sampert Olga H Mrs @ 254-2693
8425 No Return
8435 Roberts Wynn W 252-9166
8436 Miller Karl
8445★Hinds James 252-8783
8448 Thomas James 255-0297
8500 Diaka Selma J Mrs @ 253-9444
8501 Johnson James R @ 253-9444
8509 Dodd Robt E @ 252-8277

SE YAMHILL ST 1981

For Faster Service in Placing Your ad. Use the DIRECT LINE to "Classified" 224-4511

N YALE ST—Contd
N MONTEITH AV INTERSECTS
5705 Schott Saml ◎
5717 Hines Lucille B Mrs ◎ 289-8658
5718 Hoglund Kenneth S 289-3884
5801 Torker Marguritе
5802 Fenimore Lloyd E ◎ 289-7108
5810 Truman Stanley L ◎ 289-3715
5811★Lynch Linda S Mrs ◎
5822 Kindrick David T ◎ 283-5488
N MC KENNA AV INTERSECTS
5905 Dawalt Robt E ◎ 283-2738
5925 Dezell Alice P Mrs ◎ 285-5781
6015 Kruger Henry ◎ 289-2445
N WALL AV INTERSECTS
6207 De Vane K ◎ 286-9244
6208 Stewart Doris B Mrs ◎ 286-4537
6214★Turner John C 286-4869
6219 Grimsrud Erna S Mrs ◎ 286-8464
6220★Evans Walter J ◎ 286-6249
6300 Vacant
6301 Smith Arth C ◎ 286-8477
N WESTANNA AV INTERSECTS
6405 Axtman Frank J ◎ 286-8604
6412 Stark Margt E Mrs ◎ 286-8166
6422 Steinfeldt Edw A ◎ 286-8579
6423★Rieck Roy D 286-2950
6432 Johnstone David L ◎ 286-8782
6433 Liston Wilma H Mrs ◎ 286-8413
6441 Plock Albert ◎
6442 Golik Danl A ◎ 286-8129
6452 Eilertson Brooks 286-8740
6453 Estes Frank ◎ 286-4994
6500★Peterson Jill K ◎ 286-9803
6505 Teegardin Clarence N ◎ 286-8438
6508 Hayes Ollie V Mrs ◎ 286-8190
6516★Haffey Neil H 286-1353
6517 Mandrones Nick ◎ 286-0222
6524 Scull
6525 Eby Ronald D 286-8024
6534 Jones Vernon C ◎
N MACRUM AV INTERSECTS
6621 Ashworth Edw C ◎ 286-8608
6626★Tabahy Saml J ◎
6727 Vacant
6731★Bugas S J 286-9367

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YAMHILL CT SE —FROM JUNCTION SE YAMHILL ST AND SE 64TH AV NORTHWEST

ZIP CODE 97215
6545 Vacant
6639★Piamondon R J 252-0404

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YAMHILL ST SE —FROM THE RIVER EAST 2 SOUTH OF SE MORRISON ST

ZIP CODE 97214
SE WATER AV INTERSECTS
50 Promotion Products Inc displays & exhibits 234-0901
61 Promotion Prod Inc (Stge)
SE 1ST AV INTERSECTS
81 Vacant
111 Vacant
115 Consolidated Electrical Distributors Inc 232-3142
116 Rest-A-Phone Corp (Plastic Div) 238-6778
SE 2D AV INTERSECTS
202 Watkins Distributor 233-7788
211 Nor-Air Inc htg equip distrs 234-0251
238 Arvey Paper Co ret & whol sls 231-5600
SE 3D AV INTERSECTS
334 Plymart (Stge)
SE UNION AV INTERSECTS
SE GRAND AV INTERSECTS

936

SE 6TH AV INTERSECTS
STREET CONTINUED
SE 7TH AV INTERSECTS
731 Gilbertson Machine Shop Inc 233-6491
SE 8TH AV INTERSECTS
SE 9TH AV INTERSECTS
909 Strippers Co The furn stripping 238-4909
921 Graziano Joe Produce Co whol 234-0465
C G's Onion Factory prod whol 239-7560

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SE 12TH AV INTERSECTS
1222 Fendrick T K 232-0843
1223 Kays Sharon J 231-8167
1225 Apartments
2★Kane A R 234-4523
3 Hop S
4 Robson T
5 Perez Leila
6★Mercuno Janet M
7★Williamsen Wm 231-9756
8 Elkins Stuart 236-4282
1227 Meads Virgil E 232-4955
1235 Lewis Apartments
1★Woods Regina
2★Miller Sherry A
3★Woods Pamela
4★Dillon Michl
5★Sheehan Kevin
6 Schuh Melvin F 234-6935
7★Walker Tammy
8★Dodson Robt
9 Vacant
10★Brown James II 235-7336
11★Simard Annetta 234-2704
12★Rivers Ocie E 239-4172
1236 Youth Progress (Group Home) 236-1829
SE 13TH AV INTERSECTS
1305 Martin Janet J 236-8528
Abelsen Arth 235-7349
★Hink Douglas
1311★Sallak Paul A ◎ 233-3136
1316★Keller N 232-5284
1325 Apartments
1★Heilman N J 236-8433
2 Vacant
3★Laurie Jim
4★Shane Robin 236-5453
5 Staderman Barbara M
1333 Neal Joanne Mrs

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SE 20TH AV INTERSECTS
2004★Lobberegt Greg 234-2186
2006★Dillon Ruby L 232-6463
2008 Calderon Javier
2010★Al-Sayegh Farid 239-4555
2012★Kangas C M 233-0152
2014★Barker Anthony L
2020 Winkelman Walter E ◎ 232-6456
★Higgins Miriam A 235-3276
★Powre Jean
2025 Nichiren Buddhist Church 234-2844
2026★Torrelle B 236-3449
★Stickles M D 235-0418
2031 Kawazoe Yusho Rev 232-8064
2039 Technical Associates consulting engs 235-5267
Riley Jack C ◎ 235-5267
2045 Davis Mark S 239-0387
Sullivan Lidia A 231-8164
SE 21ST INTERSECTS
2101 Bell Norma J Mrs ◎ 235-3278
2104 Rapp Andrew P 236-0800
2106 Rapp Joseph H 231-7515
2107★Johnson Scott C 232-8731
★Haggin Larry M 238-7299
2112 Grafe David R 235-9802
2115 Vacant
2116 Martineau Ruth M Mrs ◎ 236-9238
2124 Trathem David 236-5874
2125 Klicks Chris M 238-4791
2131 Fendley Cora G Mrs ◎ 235-5491
★Eginton Margie
2134 Conklin Joyce R ◎ 239-0977
2137 Esterberg Glenn D ◎ 236-4975
2147 Vacant
SE 22D AV INTERSECTS
2203 Vacant
2213★Wirfs Steph C 232-1415
2220 No Return
2230 Apartments
1★Woebke Connie 231-7042
2 No Return
3★Rosen Steven O 235-9114
4 Cann Jim
5 Whalen Bert M 235-6776
6★Ward Diedra 236-9389
7 Jones Jeff
8 Taylor James L 233-0495
9★Seiler Thos W 239-9459
10 Mc Donald Kenneth G 233-0298

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SE 23D AV INTERSECTS
2305★Carolous Donadl P ◎ 236-8478
2310 Kelly
2313 No Return
2322 Chany Simon 235-8260
2323★Vanderburgh Nancy 232-9229
2328★Kallet Hollis 235-2306
2331 Wahl Lydia Mrs ◎ 236-2787
2332 Vacant
No Return
2338 Wagner Robt D 235-5015
2339 Mac Gillivray Donald B ◎ 234-6354
2343 Simdorn Coral A
2345 No Return
2348 Janney Margueritte E Mrs ◎ 234-1736
2406 Apartments
1★Wiedenbeck Fredk J
2★Bartlem Burdean 234-6355
3★Kerr Vicky L Mrs 232-1901
2409 Apartments
1★Vantroyer Gene
2 Baldwin Juanita 232-1664
3 Drum Robt E
4★Frazier Donald D
5★Ezell Stan E 234-3723
6 Riveria Marcus A 239-0432
7 Randle Fannie Mrs 236-9291
8★Keith Mark 232-0229
2414 Leaman Alan ◎ 231-8604
2422★Anderson Cyril K 236-7596
2424 Vacant
2425 Clark Paul M ◎ 232-3026
2426 Vacant
2428 Garvoille Wm O ◎ 296-1903
2429 Van Loo W 236-1386
2435 Woods V Marvin ◎ 235-6091
2445★Browning David P 236-2764
2451★Eggiman K J 232-5321
Walker Angie M 236-6025
SE 25 AV INTERSECTS
2502 No Return
2503 Thomas John C ◎ 231-7086
2508 Loft Norval K 255-7429
2509 Griffith Robt R 235-9221
2516★Mourglia Michl R 235-8083
2517 Johnson Mark L ◎ 234-7707
2524 Griffin David H 232-9013
SE 26TH AV INTERSECTS
2603 Mark Butler Apartments 233-7009
Bechtold Pat 238-0549
2605★Hong Geaun 234-4518
2607 Mc Lafferty Bradford P 239-0874
2609 Pearson Axel E 233-7009
2611 Lafleur Clea L Mrs 233-1840
2613★Wilde J H 239-6031
2615 Vacant
2617 Yamamoto Fusa 233-1396
2619 Tollen R J
2621 Robertson Marlowe W ◎ 236-8798
2622 Kiser Joseph J ◎ 232-3520
2634 Harmon Ingwald H 232-8756
SE 27TH AV INTERSECTS
2703★Harris Suzy Mrs 236-5645
2706 Gilliam Ralph W ◎ 235-0394
★Rumney Susan
2707 Henley Michl ◎ 238-5989
2712 Stonehenge Apartments
1 Walls David 234-3648
2 Anderson Teryl L 232-5432
3★Roy Brad W 239-9944
4 Pagnotta Phillip 239-0367
5 Nestor Stewart E 234-7846
2713 Vacant
2727 Moore Margt A Mrs piano tchr 234-3709
2729 Sheldon Maxine M 232-0487
2731 Vacant
SE 28TH AV INTERSECTS
2805 Segal Jane ◎ 233-9758
2806 Vacant
2813 Manley Hattie L Mrs ◎ 232-0604
2814 Arndt Esther M ◎ 235-3327
2823 Schroeder John J 235-0710
2824 Hahn Norman E ◎ 235-2050
2832 Schroeder Joseph B ◎ 232-4731
2835 Apartments
1★Cesvick Susan L 231-6471
2★Kern C R
3 Minney Ray
4 Matheson Patk
SE 29TH AV INTERSECTS
2904 Kimmelman Steven S 233-1983
★Leathers D
2912★Hise J D 236-8017
2914 Vacant
2917 Berg Arne ◎ 236-3848
2921 Vacant
2926 Knight Clifford ◎
2927★Vannice Chas H 234-8584
2934 Dickie Robt W ◎ 236-3750
2935 Bates Geo A ◎ 236-7854
2942 Martin Thos W Jr 232-9489
Day Jas R 238-4468
2949 Glenwood Apartments 233-1232
2 Winters Daisy V 232-7649
3 Ragory
4★Neklason E 236-2214
5 Haas O
6 Simons Les J
7 Vacant
8 Vacant
9★Rodgers Jessie
10 Zeller N M
11 Belknap Patk
12 Hirschfeld Joseph L 235-7840
14★Bergquist Glen
15 Baldwin Bertha M 235-5451
16 Beardsley Aurthur
17★Nagy Jas J 232-0966
18 Bergquist Colleen
19★Milender R
20★Harvel M
21★Brown B
22 Nelson C A 231-6692
STREET CONTINUED
2950 White Jerry 236-8143

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SE 30TH AV INTERSECTS
3004 Vacant
3008★Hill Scott
3009 Grant C 234-1605
3010 Hayward D ◎
3015 Adkins Billy 234-4692
3020 Apartments
1★Rynkiewicz Robin Mrs
2★Fredericy John
3 Saltvelt Victor O 235-3963
4 Vacant
STREET CONTINUED
3021 Runyan
3024 Vacant
3027 Durham Dean L
3030 Stearns Dale 232-5982
3034 Wynn Isabel M Mrs
3040 Jagels Norman H 232-9488
SE 31ST AV INTERSECTS
3101 Welty Fern 238-2948
3103 No Return
3118★Fritz Roger 232-0707
3122★Ward Mary C
3125★Sidor J L 238-1016
3130 Lei Gary ◎ 233-2340
3136 Hattig Paul 236-6354
3137 Beatty Lee Mrs ◎
3142 Slominski Terrance J ◎ 236-0848
SE 32D AV INTERSECTS
3200★Inkpen David J 239-5423
3206 Pattar Phillip
3210 Vacant
3214 Monks Opal R
3222★Downing Russ 232-9406
3223★Clark Harvey G ◎ 232-1425
3231 Schooler Irene D Mrs ◎ 232-7773
3236 Gerlach Richd F 234-4115
★Mufdiger J Clair 223-0067
3244★Lockamy C Thos ◎ 235-8116
SE 33D AV INTERSECTS
3304 Dunne Laura
3310★Blair Patk M
3316★Nurmi C
3322★Lysinger M Eug 235-0187
3325 Pearson Jack S ◎ 238-2970
3329 Vacant
3330★Kroenlein K L 233-1046
3336★Baker Rochelle 236-7611
3343★Jeffries Robt A
3344 Anderson Wm B ◎
3354★Cecil Lois A
SE 34TH AV INTERSECTS
3413 Green Apartments
1★Lerman Paul S 235-6702
2 Singer Arth A 235-7907
3 Benson Fred
4 Holgram Thos
5★Bent Larson E 235-9172
6★Krebs Robt E 235-0357
STREET CONTINUED
3425 Vacant
3443 Montag Furnace Co (Stge)
3445 Stone Rosetta T 232-8431
3449★Brightwell Darol D

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SE 35TH AV INTERSECTS
ZIP CODE 97215
3519 Vacant
3520 Sunnyside United Methodist Church 236-8726
3523★Mc Guire Edw 234-4000
3534★Pryor Janis L 235-0166
3535 Miller Harry O ◎ 235-2001
3536★Davis J 234-3494
3541★Dapp Nancy C 232-5380
3543★Bellant Richd 234-5519
3545★Blakney Steve 239-8147
3547 Thompson Mitchel D
3549 Johns Ron D 239-0925
3551 Vacant
3553 Bowles Howard P
3555 Castlio Michl S 239-4548
SE 36TH AV INTERSECTS
3609 Lane James P 235-9241
3620 Illo Tony 238-8619
3624 Westerman Sunny Mrs 235-6424
3625 Fong N G 235-3251
3627 Vacant
3631 Evjen Julia M Mrs ◎ 235-5243
3634 Vacant
3638★Lee Cindy J 233-1804
3639 Mussell Frank 239-4887
3641 Basiliko Wm G 231-0606
3645 Hamilton Lee 235-3607
3649 Hill Everett B Jr 233-2647
3651★Herman Eric M
3652 Cummins Alice V Mrs ◎ 236-0723
3655★O'Brien Danl M 234-1662
SE 37TH AV INTERSECTS
3705 Crawford Kathy ◎
3706 Mc Ginness Charles L ◎ 236-9189
3712 Thompson Matilda Mrs ◎ 235-7876
3717 Foust Geo L
3723 Webb Thos M 233-0205
3728 No Return
3729 Feist Joseph ◎ 235-1768
3735 Bannett Elsie G Mrs ◎ 235-1905
3736 Berg Carol 235-0148
3738★Humphrey David G
3746 Creel Margt E Mrs 236-9528
3749 Monk Darrell C 238-6548
3754 Hunger James R 233-9125
★Ryder Steven A 232-6306
★Patton M S 239-5385
3755 Singer Harold I ◎ 232-1504
SE 38TH AV INTERSECTS
3806 Paulin Michl J ◎ 232-2361
3812 Balec Max P
3818 Vacant
3822 Cox Arth D
3825 Donner Alex E ◎ 236-9600
3828★Haskell Lindsay J ◎ 232-0510
3835★Jackson Linda 231-7581
3836 Windes Doug J 239-0275
3844 Anderson Ace P 231-8728
3854 Fowler James D 232-7861
3862 Cowan Tim 238-0931

SE ALDER ST 1977

Locksmith 8532 N. ST. LOUIS AV. PORTLAND, ORE. 97203

SE ALDER DR (G)—Contd
4★Jackson Wm 665-2651
5★Withers Raymond
6★Barnick Mary
7 Rekstad Ione B Mrs 665-2457
21800 Bean Apartments
1 Meador Nancy 667-6367
2★Fuller Margt
3 Brewer Delphine Mrs 666-7162
4 Costiglio James 667-3032
5★Ritmiller Randy
6★Forbes Shelley 667-4380
7★Mc Gregor Molly
21805 Bean Apartments
1 Vacant
2 Vacant
3 Stoufer Lloyd W
4 Dunahugh Patricia J
5 Casterline Alan 666-2349
6★Kundert Dennis N 666-6407
7★Boardman Douglas
8 Grenier Kevin E
21900 Aldercrest Apartments 666-5705
101 Jorgensen Erwin M
102 Sneath Anthony
103 Harris Charles 665-9612
104★Shields Pearl 666-7582
105 Funk Walter
106 Taylor Mildred
107★Curtis Sargeant H 667-7904
108 See La Vonne Mrs 665-5007
109 Volquartson Carl 667-0320
110 Swagger Jesse E
111 Mc Murry Clyde S 665-2470
112 Boyd Allan 666-5701
113★Bigler Earl 666-1409
114 Tucker Zella Mrs
115 Harrison Ida M Mrs 666-1429
116 Horn Velma Mrs 666-1209
117 Sadler Walter Rev 666-1085
118 Johnson Marvin 666-5705
119 Bennett Cecil A 665-9005
120★Tremble Charlotte
121 Fife Geo M 666-6773
122 Bryant Robt E 665-2468
123 Torgrimson Mary A Mrs 666-2336
124 Monroe Nicola A Mrs 665-1683
125 Jelinek Margt L Mrs 666-8436
126 West Lottie M Mrs 666-3165
127 Namislo Anthony G 667-1147
128 Reed Hazel B Mrs 665-8583
129 Allen Alberta Mrs
130 Casey Vivian Mrs 665-1504
131 Von Ahn Sadie Mrs 666-5707
132 Harris Dorothy Mrs 665-1008
133 Weaver Sally B Mrs 665-7242
134 Clark Lucy K Mrs 665-1700
201★Watari Duane 665-8459
202 Capul Millie Mrs
203 Wilson Betty Mrs
204★Larson Mabel 667-1844
205★Bourhis James 665-2556
206★Legg Joan 666-1697
207★Schwizer Elmer 667-3696
208 Hernandez Patrice M 666-7294
209 Egbert Geo
210★Wills Frances C 665-5636
211 O'Brien Marian Mrs 666-2481
212 Laing Donald W 665-5764
213 Henderson Charles
214★Mc Donald Earl 666-9956
215 Schuyler Orville 666-4980
216★Jornsted Frank
217 Shulter Robt
218 Creech Epta
219 Marak Richd G 666-6723
220★Burns Donald
221 Ward Chester 666-8736
222 Schouten Ray 666-1992
223 Edwards Louise Mrs 666-5083
224 Kelly Bertha N Mrs 666-1778
225 Gregor Jean Mrs
226 Walters Tom Mrs 666-8916
227 Wood Ruth H Mrs 665-1947
228 Nordstrom May V Mrs 667-5817
229 Elbon May E Mrs 666-8452
230 Hoss Marion H Mrs 665-7402
231 Madonna Maude Mrs
232 Messinco Salvatore F 667-4050
233★Warner Fretta Mrs
234 Short P L 666-7167

500

ALDER ST SE —FROM 830 SE 102D AV EAST

ZIP CODE 97216
SE 111TH AV INTERSECTS
11131 Clark Paul M ◎ 254-7776
SE 112TH AV INTERSECTS
SE 113TH AV INTERSECTS
11331 Jacobson Ralph K ◎ 252-7812
11336 Weisenhaus Clifford D ◎
SE 114TH PL INTERSECTS
11405 Bramlet John F ◎ 253-0158
11406 Hertner Steph V ◎ 254-6034
11422 Miller David P ◎ 252-3128
11423 Mathews Ace H ◎ 253-9367
SE 115TH AV INTERSECTS
11502 Boyles Phillip M ◎ 252-3713
11511 Meierjurgen Wm K ◎
11514 Bowersfield Donald N ◎ 253-5095
11515 Ellis Robt J
11534 Krauss Leo E ◎ 253-7114
11535 Braga Myra Mrs 255-8322
11541 Vacant
11550 Young Edgar E ◎ 253-1539
11555 Poole Rawlston N 253-2422
11602 Jones John M 252-9680
11615 Braden Eug ◎ 252-0871
11616 Shiprack Roy J ◎ 254-1983
11623★Veley Christopher W ◎ 253-0612
11635 Du Bois Edwin H ◎ 253-6311
SE 117TH AV INTERSECTS
11717 Kuhnhausen Della M Mrs ◎ 252-9507
11720 Vacant
11727 Pagella John J ◎ 252-7006
11737★Sasseen D E Mrs 252-3311
11740 Foltz Wm H ◎ 253-2322
11749 Loving Doyle W ◎ 253-1590
11754 Tolliver Frank E ◎ 253-5967
11807★Finney Sharon K Mrs 255-7024
11808 Markel James I ◎ 253-0989
11822 Vacant
11836 Hubbard Un Hwa Mrs ◎ 254-6477
11839 High Duane H ◎ 253-2519
11845 Staley David N ◎
11850 Ramberg Walter H ◎ 254-7114
SE 119TH AV INTERSECTS
11918★Hopkins Steven J 255-4400

502

ZIP CODE 97233
SE 127TH AV INTERSECTS
12704 Tracey Skip ◎ 252-4158
12707 Marier Robt J ◎ 252-4649
12719 Allison Don L ◎ 252-1825
12720 Krieger Lydia E ◎ 255-2426
SE 128TH AV INTERSECTS
SE 130TH AV INTERSECTS
13002 Akers Bette E Mrs ◎ 254-9958
13011 Anderson Fred Wm ◎ 253-8168
13022★Moss Dean ◎ 256-7321
13025 Gelissen Peter H ◎ 252-1397
13040 Lambeth Wayne L ◎ 255-4146
13041 Johnson Chester A ◎
13054 Dukart Geo H ◎ 254-4611
13055 Haines Delford L ◎ 252-3866
13105 Thompson Ben 256-2734
13110 Meyer Walter F ◎ 252-3675
SE 131ST PL INTERSECTS
13155 Burdick Robt W ◎ 255-0000
13156 Lambert Dorothy Mrs ◎ 253-1725
13209 Vacant
13210 Malone David W ◎ 252-7143
13225 Caughey Robt T ◎ 252-8309
13226 No Return
13243 Davis Richd B ◎ 252-9018
13244 Jali Frank J ◎ 255-1674
13255 Vacant
13256 Littlepage Robt M ◎ 254-6128
13305 Fritz Jack V ◎ 253-7397
13306 Wright Richd J ◎ 253-6450
13314 Abbott Edw T ◎ 252-2976

504

SE 142D AV INTERSECTS
14208 Weigart Leslie J ◎ 252-7498
14223 Miller G Dean ◎ 254-3474
14226 Watson Robt D ◎ 255-2890
14239 Doud Niles C ◎ 254-9915
SE 143D AV INTERSECTS
14309 Nadeau Leon R ◎ 254-3697
14310 Bloom Craig A 254-6251
14314 Claussen Willy H ◎ 252-6820
14317 Rogers James L 255-8895
14325 Gratreak Robt 253-9215
14326 Johnson Myrtle H Mrs ◎
14400 Jones Milton C ◎ 253-3336
14418 Ring John P ◎ 253-4287
14420 Young
14433 Chaussee Richd E ◎ 254-4529
14436 Goebel Terry ◎ 252-9843
14507★Shannon Wm A 254-3252
SE 146TH AV INTERSECTS

506

15528 Jeppesen Toga W ◎ 252-8593
15544 Johnsen Robt N ◎ 256-7259
15570★Lesowske E Andrew ◎ 252-8566
SE 156TH AV INTERSECTS
15610 Woodin Kenneth J ◎ 252-8603
SE 156TH PL INTERSECTS
15650 Smith James D ◎ 254-8538
15653 Bocan Saml ◎ 254-2309
SE 157TH AV INTERSECTS
15709 Kingsbury Vernon J ◎ 254-8734
15710 Stinson Joy J Mrs ◎ 253-1642
15727 Drugg Bruce G ◎ 255-0679
15728★Kuzmanich Joe M ◎ 254-4533
15737 Smith L Mark ◎ 256-2943
15749 Van Der Zanden Stanley P ◎ 253-2912
15750 Nautel Wm G ◎ 252-4496
15807 American Sonoid Massage Equipment sls 255-5034
Soucie Leo H ◎ 255-3201
15820 Cromwell Oliver H ◎ 252-1929
15825 Nasshahn Wilford A ◎ 255-8779
15839 Oakes Gail Mrs 254-0443
15902★Jensen Jeanne Mrs 253-8162
15905 Vacant
15908 White Wilbur A ◎ 252-1145
15938 Adcock Lee A ◎ 253-1070
SE 160TH AV INTERSECTS
16000 Bonnie Louise Townhouses
1★White Wm E 254-1313
2★Glass Bev
3 Terrell Charyl
4★Bradstreet Jos R 256-4313
5★Ekstrom Jerry
6★Tennes Sheila 253-0564
7★Underwood Keith
8 Marlow Marcila Mrs 256-3600
9 Gingrich D W 256-1569
10★Mc Kinny Theresa A 253-0564
11★Bothum Amy A 252-6922
12★Ellis Richd
13 Reeder D Mrs 256-2054
14★Doan L
15 Armstrong Keith Jr 254-4609
16 Chambers Kenneth D 256-9803
17★Schuler Sharon 253-2821
18★Webb Doug
19★Short Robt
20★Pardue Michl
21 Mergel Henry I 255-3806
22★Trujilli Ramona
23★Johnston Nancy
24★Laws Noreen M 253-7806
25★Peterson Robt A 252-6783
26★Quinton J R 252-7083
27★Bowan Jas 255-6466
28★Stenberg Dan

medium on earth.
411 Corbett Building, 430 Southwest Morrison Street, Portland, Oregon 97204 (See Index To Advertisers) Tel. 503-222-9765

SE MORRISON ST 1975

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MORRIS ST NE —FROM 3006 N WILLIAMS AV EAST

ZIP CODE 97212
19 Vacant
26 Immaculate Heart Community School 287-2332
27 Hines Sylvester M ◎ 284-8807
35 Smith Henrietta C Mrs 288-1258
41 Vacant
44 Saint Vincent De Paul Day Care Center 288-0188
49 No Return
57 Palmer Arth J ◎ 287-0451
58 Vacant
63 Black Education Center educ or
68 Vacant
70 Hatcher Melenee 288-3662
72 Vacant
73 Albina Family & Community Serv Project 288-9145
77 Cook Louis ◎
78 Payne Cornelia Mrs ◎ 282-5219
87 Vacant
88 Mayberry Wm ◎ 287-0510
Duke Horace A
NE RODNEY AV INTERSECTS
103 Saint Mark's Baptist Church 287-7457
106 Community Relations Program asan religious 288-2168
116 No Return
119 Wilder Edw C Rev 282-6856
127 Bryant Wm ◎ 282-8167
128 Vacant
130★Brander Maxine M Mrs
201★Ritchie Dorothy 288-4137
206 Cunningham Ader ◎ 288-2369
210★Lund Anne E ◎ 288-2568
211 Day Louis
220 Allen Inez Mrs ◎ 287-0271
Floyd Matt 281-0246
221 Durrow Marvin L ◎ 281-0100
228 Lazare Arkingle ◎ 288-3198
233 Miles Essie M ◎ 288-3345
236 Spencer Nellie G Mrs ◎ 287-4838
301 Jacob Amos 281-7243
306 Vallaster Garry J 282-3364
317 No Return
327★Forbes Wilson
NE UNION AV INTERSECTS
416 Moore Callie M Mrs ◎ 284-3922
426 Marnach Beulah ◎ 281-7752
434★Grogan Sharon P 288-8087
440★Johnson Albert L 281-6044
442 Vacant
504 Wells Booker T Rev ◎ 284-4158
505 Williams Fanny Mrs 287-9465
514 Hallum Randy
516★Cunningham Lee 287-4595
517 Heaney Charles E ◎
522★Kies Susie Mrs ◎ 287-5035
523 Morales Felipa Mrs ◎ 288-0374
531 Lindekugel Wm T ◎ 284-6581
536 Stewart Elmer ◎ 282-6609
543 Johnson Iaun ◎ 288-0874
546★Mackey Donna M 287-2816
606★Locket Hazel Mrs
607 Gunderson Roy K 288-8650
608★Ranson Pat 281-9127
616 Vacant
617 Thomas Samantha Mrs ◎ 288-1803
623 Harvey Benj D ◎ 284-1492
626 Stuart Jerry A ◎ 288-1180
629★Page M
633 Turner Kelsie 282-2482
NE 7TH AV INTERSECTS

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NE 33D AV INTERSECTS
3311 Rohwer Hedwig R Mrs ◎
3325 Sutton Arabelle Mrs ◎ 287-4006
3333 No Return
NE 34TH AV INTERSECTS
3411 Rusche Frank R ◎ 281-9029
3421 Olson Kenneth F ◎ 284-3705
3433 Johnson Wallace A ◎ 288-1679

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NE 35TH AV INTERSECTS
3503 Lee Darrell D ◎ 281-9025
3515 Frazer Elmer R ◎ 287-5331
3533 Johnson Thos E ◎ 287-0647
NE 35TH PL INTERSECTS
3553 Brown Edna W ◎ 282-3350
3558 Murray Jane T Mrs ◎ 284-0791
3562 O'Donnell Ernestine G Mrs ◎ 281-5770
3563 Kane Edw S ◎ 282-6294
3566 Wold Ellen 287-1711
3569 Herron Lydia Mrs ◎ 287-8650
3572 Joaquin Joe ◎ 284-5717
3575 Kuebler Marion D ◎ 287-0554
3576 Walker Robt C ◎ 287-7668
3580 Kirby Walter S ◎ 287-7370
3583 Smith Judson W ◎ 281-7052
NE 36TH AV INTERSECTS
3636 Crick Rolla J ◎

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NE 68TH AV INTERSECTS
6824 Hillman Tom ◎ 288-0816
6825 Klindtworth Louis O ◎ 287-7175
6834 Chamberlain Philip L ◎
6842 Stone James E ◎ 287-8161
6843★Goodwin Bonner 282-9420
6852 Olebring Nils H ◎ 287-3208
6855 Fox Eliz J Mrs ◎ 281-2959
6903 Devers Rhonda J Mrs ◎
6904★Breneiser Michl
6913★Mason Dan 284-8787
6914★Schneider Michl 287-8650
6920 Keller Herman ◎ 284-3988
6921 Johnston John T 287-1054
6954 Leonard James E ◎ 287-6487
6962 Odell Ralph W ◎
NE 70TH AV INTERSECTS
7011 Cole Barbara Mrs ◎ 282-5852
7021★Waugh Thos C 288-1810
7030 Udris Elize Mrs ◎ 287-3674
7033 Stearns Mary J Mrs ◎
7038 Music Studio 284-0650
De Vito Harriet L ◎ 284-0650
7101 Sells Thos R ◎ 284-0265
7106 Hungate Hollis D ◎ 284-0754
7111 Joseph Louis E ◎ 281-3915
7123 Brown Nita M Mrs ◎ 284-1010
NE 72D AV INTERSECTS

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ZIP CODE 97213
7512 Kolbo Albert N ◎ 254-1722
7524 Gregory Betty Mrs 253-2192
7534 Richert Saml E ◎ 254-3180
7544 Vacant
7556 Jones Marion H Mrs ◎ 255-3650
NE 76TH AV INTERSECTS
7626 Mc Merrick Geo C 255-6934
7636★Lewis Reed 255-3193
NE 77TH AV INTERSECTS

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MORRISON CT SE —FROM SE MORRISON ST NORTHWEST 1 NORTH OF SE BELMONT ST

ZIP CODE 97215
6302★Peterson Mark B ◎ 238-2984
6320 Kotkins Walter B ◎ 236-0552
6336 Woodley Robt F ◎ 234-9428
6348 Horn Joyce ◎
6351 Hillman David E ◎ 234-3590
6411 Prince Richd W ◎ 236-6847
6423 Cogan Vincent ◎ 236-7607
6441 Vacant
6451 Vacant

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MORRISON ST SE —FROM THE RIVER EAST 1 SOUTH OF SE WASHINGTON ST

ZIP CODE 97214
SW 1ST AV INTERSECTS
SE WATER AV INTERSECTS
66 Giusti Al C Wine Co whol 232-4126
130 Goodwill Industries Of Oregon Inc (Whse)
SE 2D AV INTERSECTS
215 Northwestern Transfer Bldg 232-2121
Rooms
100 Simmons Bland (show rm)
101 Northwestern Transfer Co (disp ofc)
200 Northwestern Transfer Co 232-2121
200 Tidewater Commercial diamond tools 232-1816
202 Anchor Hocking Corp (Glass Whse) 235-1224
203 Custom Resin Inc brokers 232-2121
203 West Coast Chemical 232-2121
K & M Contractors Service data processing 232-2121
205 Industrial Fumigant Co Inc pesticides whol 234-2558
207 Industrial Fumigant Co (Stge)
208 Winn Hugh L furn whol 232-2121
209 Vacant
210 Vacant
211 Broyhill Furniture Co
212 Northwest Transfer (Stge)
213 Sanderlin Co The mfrs agt 234-0766
214 Inter Royal Metal mfrs agt 232-2121
215 Oregon Congress Of Parents & Tchrs whol feed dlrs 234-3928
216 Bennett Paper & Supply Co whol 289-0292
217 Asbahr A lwyr 232-2121
219 Wiley-Baley Inc mfrs agts 235-0177
222 Worthington Corp air compressers
223 Bayer A J Co pressed steel div 235-8563
224 Shaw Al Co elec sups whol 235-0545
226 Vacant
227 K & M Products (Stge)
229 Vacant
230 Cook Leo Co whol feed dlrs 232-5164
232 Kloesterman Thos K real est 232-2765
233 K & M Products Co mfg rep 236-7263
234 Manufactures Sales whol novelties 235-0412
235 Nutone Inc mfrs agt 232-2121
236 Vacant
240 Oregon Lighting mfrs agt 232-4144
242 Vacant
ZIP CODE 97214
STREET CONTINUED
301 R & D Hideaway restr 235-2381
326 Flair Plastic Products Inc 238-1442
335 Calfee D W Inc prod broker 236-6766
335½ United Glass & Bottle Co 235-4214
SE UNION AV INTERSECTS

936

SE GRAND AV INTERSECTS
502 Capital Financial Services 234-7427
504 Eddy's Flowers 232-1677
510 National C S S computer serv 233-2541
511 Citizens Graphic Arts Inc photog 232-8501
Citizens Photo Shop photog 232-8501
516 Weatherly Building
Mezz Portland Pub Sch (Data Processing Dept)
200 County Pub Welfare Div (Regional Operations)
202 State Children's Services Div 238-8446
300 Columbia Mortgage Co 238-1500
400 Atlas Life Insurance Co (Ofc) 234-7293
Northern Life Insurance Co (Regional Ofc) 238-0522
440 Cal Western Life 234-9710
International Lumber Industries Inc exporters lbr 238-4635
500 County Public Welfare Comn (Investigation Div) 238-8442
501 Bouneff Muller & Marshall lwyrs 238-9720
600 Metropolitan Investment Co 233-5751
630 Vacant
700 Hornstein Insurance Agency genl ins 232-2052
700 Johnson A F & Son 233-1353
705 Select Marketing Co mfrs agts 234-0635
710 Institute For Public Affairs Research Inc 233-6581
720 Vacant
725 Pyramid Life Insurance Co (Regional Ofc) accident & health ins 234-3779
730 Key Data Inc 235-5096
735 Key Data (Stge)
800 Center Line International Inc coml real est 234-9916
820 Sunkist Growers Inc 232-8103
830 Rankin Finance Co 232-4151
840 Johnson Alf J lwyr 232-0454
850 Oregon Non-Profit Organizations Inc 234-3026
901 Paul Revere Life Insurance Co The 234-5441
901 Paul Revere Courier Fund Inc The 234-5441
920 Walter Ken Insurance Service 234-9911
930 Beutelschiea And Associates Inc financial & tax consultants 234-5438
1000 Contacts Influential Corp mailing lists 236-2141
1000 Investment Planning Assocs inv planners 233-8783
1000 Kelly & Morey Inc real est invs 233-3561
1000 North Coast Life Insurance
1000 Computer Medical Corp data processing serv 233-7141
1000 American Archery Enterprises 236-0959
1000 Metropolitan Communication Corp 236-0659
1000 Oregon California Investment Co 238-1338
1100 Resource Management Consultants financial planning co-ins 233-3561
1200 Resource Management Consultants (Exec Ofcs)
STREET CONTINUED
517 Elmers Flag & Banner (Shpg & Rec Dept) 233-5659
518 Pappas Nick shoe shiner
Weatherly Building Barber Shop 232-0482
519 Limited Editions 236-3541
521 Vacant
524 Oregon Bank The 226-4266
525 Raul's Barber Shop 236-1010
527 Clifford Hotel 232-7189
Love Edwin A 233-6884
ZIP CODE 97214
531 Vacant
535 Kache The 235-9648
SE 6TH AV INTERSECTS
601 Kovar's Cafe 235-9685
607 Ace-Hi Tavern 232-0495
611 Alum-A-Lite Aluminum Co mfrs 234-9278
612 First National Bank Of Oregon The (Br) 225-2731
617 Ladd's Barber Shop 232-0657
619 Am Archery Enterprises (Stge) 222-9595
621 Gift Shop (Stge)
625 Gift Shop The 232-2655
627 Rice William L consulting eng 236-5072
629 Mitchell Apartments 232-2655
1★Westland Ginger
2 Vacant
3★Barber Jerry
4★O'Conner Donald
5★Kaufman Robt
6 Thomas Robt
7★Owens Jewell
8★Bushman Johnnie
9★Dowdy Joseph
10★Brown Leroy
11 La Carney Clyde J
12★Free Jerry L
14★De Jarlais Ronald
15 Vacant
16★Buchi Clare
17★Allison Dwight
18★Smith Gary
19 Wiemar Phillip
20★Tyler Margt
21★Roma Graciano S
22★Blackwood Rosealinda
23★Bryant Ethyl
24★Mezyk Stan
25★Reams Fred
26★Hames Michl
27★Estes Eunice
28★Nejat Vicky
29★Ross James
30★Schwanz Louise
31★Benner Thos
32★Wheelnberger F
33★Mc Manama Cliff 234-7157
34★Smith Helen
35★Peters Michl
STREET CONTINUED
631 Apache Books & Bedknobs 235-4590
633 Vacant
639 Chang Restaurant 232-9872
SE 7TH AV INTERSECTS
717 East Morrison Apartments
1★Hobbs Marie
2 Lang Jerry
3★Craig Barbara
4 Johnson Wallace G
5 Johnson Wilfred G 234-8615
6 Caldwell Jasper 234-7602
7 Vandenhelen Ray
8 Winebarger Les
9★Foster H
10★Singleton R
11 Tucker Kenneth
12★Peters Ruth
13 Vacant
14 Anderson Donald
15★Miller Carol A
16 Morishita Utaka 234-6883
17 Ward Fred
STREET CONTINUED
725 Mac Kinnon Tool & Machinery Co mach shop supplies 235-8555
726 Great Western National Bank 224-3660
727 B & E Supply whse automotive distr 236-1998
729 Graphic Arts Lithographers & Phtngrvrs Intl Un local 202 234-7403
Johnson E A Co mfrs agt 235-1130
735 Vacant
SE 8TH AV INTERSECTS
808 Grand Central Bowl 232-5166
Levin H B Restr 235-0848
Pump Room cocktail bar 235-0848
819 Byron's Ltd Home Furnishings 232-6133
SE 9TH AV INTERSECTS
926 Chief Of Brakes & Automotive Serv garage 233-5539
927 Smitty's Restr & Lounge restr 234-5705
932 Portland Independent Milk Producers Assn dairy 234-9571
940 Vacant

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SE 10TH AV INTERSECTS
1001 Best Distributing Co whol auto parts 233-6341
1029 Albright Glass Co 234-9749
1040 County Dept Of Records & Elections-Reg & Elections 248-3720
SE 11TH AV INTERSECTS
1115 Associated Financial Services Co Of Oregon loans 232-9139
1117 Portland Press prntrs 233-4847
1120 Bernstein Brothers (Whse) 235-8341
1135 Morrison Texaco Station 233-0272
SE 12TH AV INTERSECTS
1200 Planned Parenthood Assoc Inc clnic 234-5411
1205 Lidio's Drive Inn
1230 Rex Arms Apartments
2a Cronan Mike 236-0717
2b Vacant
3a★Zarn L
3b Jensen J
4a Bill Ed
4b Dugger Fred
5a Bruggemann Edw
5b Norman Anna J 236-9860
100 Nelson Patricia
101 Hash Benny 233-9216
102 Jackson Louis
103 Kugler Ruth E 232-2756
104 Geis Erwin W
201 Moss Betty
202 Hopkins Delma E Mrs
203 Clarke Bessie 233-9165
204★Holman J R
205 Wreth M 233-8236
206 Lamerton Ruth E 232-2756
207 Vacant
208 Blanton C 234-3419
209 Smith Elaine 238-1956
210 Gary Ola M 235-2223
211★Reynolds Clifford W 232-4533
212★Wallsteed R J
301 Wilson Cath M Mrs 234-1136
302 Zagora Anna
303 Vacant
304 Clark Ella 234-2290
305 Guptill Eliz Mrs 234-6049
306★Randolphs J
307 Hemminger Meretta W Mrs 234-3687
308 Fontana Mary D Mrs 235-8259
309 Wood Linda

SE 10TH AVE 1975

NE 10TH AV—Contd 150

3726 Buchanan Lula Mrs
3727 Moore John 288-9910
3733 Thompson Ross Jr ◎
3736★Calvin Rosalie Mrs
3806 Johnson Levan ◎ 287-1514
3807★Ryan Kathy
★Valley Steph
3816 Vacant
3817★Claybaugh Iola Mrs
3822★Strawder Sam 287-3359
3823 Frederick L M Mrs 281-0166
3826 Vacant
NE FAILING ST INTERSECTS
3909 Vacant
3926 Temple James ◎ 282-0038
3933★Mileke Clara Mrs
3936 Ballmes Franklin L ◎ 284-7866
3941 Vacant
3946 Adams Leanell Mrs ◎ 284-3482
3953 Simon Minnie M Mrs ◎ 282-4782
3956 Lewis O'Neal ◎ 288-2260
3963 Mc Kinley Eleanor Mrs
3969 Smith Frances Mrs 284-5228
3972 Vacant
3973 Vacant
NE SHAVER ST INTERSECTS
4005 Durst Russell L ◎ 281-1025
4006 King Juanita Mrs ◎ 287-3644
4015 Sanders Jesse ◎ 287-0630
4016 Franklin Alf S ◎ 288-1160
4026★Hill Mildred 282-5810
4027 Lloyd Fred R ◎ 287-7376
4035 Fleck Juliana Mrs 281-2978
4036★Cope Vernon 281-6631
4042 Vacant
4043 Schafer Fred ◎ 284-0646
4056 Willinger Vada L Mrs ◎ 282-7071
4057 Bradford Valiva Mrs ◎ 284-3551
4062 Vacant
4063 Vacant
4072 Braydon Wilford ◎ 282-8024
NE MASON ST INTERSECTS
ZIP CODE 97211
4103 Vacant
4106 Barnes Alma ◎ 287-7268
4114 Lewis Louise L Mrs ◎ 288-3656
4115 Vacant
4127 Ferguson Bessie Mrs ◎ 282-5408
4128★Noyes Kent ◎
4133 Aszman Eldon ◎ 282-4461
4136 Lolley Wilbert ◎ 281-2638
4206 Vacant
4207★O'Niel D L Mrs 282-7126
4215 Hein Danl J ◎ 282-4604
4216 Gabriel Francisca 284-7214
4226★Harris Mary Mrs
4227 Vacant
NE SKIDMORE ST INTERSECTS
4307 Doe Hollis C ◎ 288-2462
4315 Maki Walter T ◎
4325 Moore Ernest L ◎ 287-0928
4326 Warren Willie Jr ◎ 288-3510
4403 No Return
4408 Overton Rueben ◎ 284-3948
4410 Richardson Lucy Mrs 281-2181
4413★Bickel Josephine Mrs ◎ 282-8308
4416 Chase Gerald P 288-4498
★Dean Larry 284-7440
4423 Vacant
4426 Steele Mabel H Mrs ◎ 281-5582

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NE PRESCOTT ST INTERSECTS
4525 Denny Paul N ◎ 282-8344
4526 Alderman James W 281-4397
4533 Washington Wm L 281-8831
4535 Pendergraph Eddie 284-3458
4536 Richardson Leola M Mrs ◎ 281-3050
4545 Jackson Anna M ◎ 284-6019
NE GOING ST INTERSECTS
4606★Mattox Barbara 282-2450
4608 Vacant
4622 Lewis Harold I ◎ 281-3617
4625 Billings Eliz L Mrs ◎ 287-6167
4705 Vacant
4706 No Return
4717 Brazile Robt ◎ 281-5647
4725 Vacant
4727 Lambert Don L
NE WYGANT ST INTERSECTS
4807 Jones Betty T Mrs ◎ 288-9940
4815 Woodland Ernest ◎ 282-9681
4824 Gorden Lillie Mrs ◎ 288-2461
4829 Jenkins Clenton 284-7038
4830 Ausbie H Carl ◎ 288-3918
4845 Vacant
4846 Butler Will ◎ 284-0691
4849 Spruill Rance C ◎
4852 Early Childhood Educ Center No 5 (Sch Dist 1) 284-2560
4855★Burton Charles
NE HUMBOLDT ST INTERSECTS
4903 Mayes Le Roy ◎ 284-7554
4904 Jenkins Elijah
4909 No Return
4910 Vacant
4919 Linder Anna Mrs ◎ 284-0821
4933 Willis Joe J 287-6731
4936 Fuston Geo
4941★Williams Beale 284-8786
4949★Avritt Mary
NE ALBERTA ST INTERSECTS
5015 Harris Hansel H
5017 Penson Dorothy M Mrs ◎ 281-3200
5018 Madden A Mrs 288-0321
5026 Vacant
5027 Forbes Naomi Mrs ◎ 281-3732
5035 Duke Benita R Mrs ◎ 282-1714
5036 Vacant
5045 Jones Ernest 281-5465
5048 Owens Mary Mrs ◎
5049 Dohl Margt F Mrs ◎ 281-0631

NE WEBSTER ST INTERSECTS
NE SUMNER ST INTERSECTS
NE EMERSON ST INTERSECTS
5310 Barquest Marie D Mrs 282-3386
5311 Rucci Guy ◎ 281-5915
5314 Madison Cora Mrs 281-2692
5316★Jones Mabel Mrs 282-2755
5321 Aho Hugh M ◎ 281-2945
5324 Hopkins Lucile
5326 Brandon Marie G Mrs 282-8448
5404 Brazile Doris 287-1007
5405 Connie Kay Court Apartments
1 Vacant
2 Ellsworth Fred E 288-8985
3 Knudeson Pearl E 287-6979
4 Noyer Harry
5★Ramos Leonard G
6★Pillster Herbert J
7★Hunt B J
8 Cole Inner Belle 287-2980
9★Russell Pearlie
10 Vacant
5414 Lowe Perry
5424★Weathers Bennie 282-4763
NE KILLINGSWORTH ST INTERSECTS
5524★Pope Gerald 281-8962
5525 Jackson Oneilus R ◎ 281-5731
NE CHURCH ST INTERSECTS
5605 Eichler Henry ◎ 284-5920
5615 Peterson Wm J ◎ 282-3497
5622 Spears James ◎
5625 Phillips Ora T Mrs ◎
5634★Mc Cullough Ray ◎ 281-8127
5700★Baldwin Ralph ◎ 288-9701
5701 Vacant
5707 Thornhill John 282-6262
5708 Vacant
5713★Chaska Robt R 282-8019
5714★Page Shirley
5722 Harpole Lovetta I Mrs
5723 Derr Bernard G ◎ 288-3779
5731 Hough Charles F ◎ 284-6346
5734 Harris Eleanor L Mrs ◎ 287-5359
NE JARRETT ST INTERSECTS
5807 Vacant
5809 Vacant
5811 Vacant
5813 Cobb Bertha 284-0797
5817★Pamatian Karene Mrs
5819 Mango Louis
5820 Warnock Eliz M Mrs ◎ 282-9559
5821 Vacant
5823★Hawkins Darlene 287-5674
5831 Hakonen Michl
5833 Branson Lucille Mrs 288-2435
5834 Wasteney Hilda E Mrs ◎ 288-3668
5835 Blue Douglas
5837★Curry Jeanette 287-4610
5839 Graham Elnora
5841 Booth Lucile 284-4971
5842 Gray Johnny L 282-4489
5843 Wilson Arth 281-5478
5845 Davis Clesson
5853★Guyot S G Mrs 284-5975
5900 Toban Richd E ◎ 282-2933
5903 Howard Agnes C Mrs ◎ 287-3168
5910 Mills Thomas J ◎ 287-5743
5918 Lemon Joseph F ◎ 288-1918
5919 Vacant
5930 Mc Daniels James ◎ 287-9865
5931 Smith Gorman R ◎ 288-4196
5946 Rhone Henry ◎ 282-4401

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ZIP CODE 97211
NE AINSWORTH ST INTERSECTS
6024★Robinson Gwendlyon Mrs 284-8241
6025★Jenkins Annie Mrs 282-8508
6032 Ford Robt L ◎ 288-3815
6033 Hicks Joseph R ◎ 281-7933
6104 No Return
6107 Vacant
6112 Hampton Roosevelt ◎ 281-4334
6115 Robinson Willie ◎ 282-5498
6120★Johnson Willie
6125 Warfield Lannes 282-9069
6130 Swain Raymond E ◎ 288-3147
6131 Reed James N ◎ 284-7180
6204 Govan Orisdean D Mrs ◎ 281-2338
6205★Marrs Norman D ◎ 288-7729
6216★Brown Handy ◎ 287-0533
6217 Thoman Herman ◎ 282-1456
6220 Vacant
6235 Watson Dorothy C ◎ 287-6651
6236 Livesay Don S
6243 Richardson Geo E Jr ◎
6244 Zwahlen John S ◎ 282-6715
NE HOLMAN ST INTERSECTS
6324 Livesay Virgil W ◎ 287-2277
6332★Talbert Adrian ◎ 288-0314
6333 Webster Jack D ◎ 282-2852
6344 Pruitt Caroline Mrs ◎ 287-9598
NE HIGHLAND ST INTERSECTS
6401 Church Of The Living God 282-5427
★Noffo T N Jr Rev
6404 Duckett Barbara J Mrs ◎ 287-7847
6414 Smart Minna D Mrs ◎ 281-1728
6424★Cummings Curtis L 287-7111
6431 Mc Donald Gertha M Mrs ◎ 284-2930
6436 Ward Maudel L Mrs ◎ 282-2834
6457 Cook Willis ◎ 282-2166

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NE PORTLAND BLVD INTERSECTS
NE DURHAM AV INTERSECTS
NE MADRONA ST INTERSECTS
7002 No Return
7018 Vacant
7028★Grimm James R 283-5412
7115 Eaves Claude L ◎ 285-3055
7122 Nesbitt Albert E ◎ 285-1602
7127 Thomas Ethel E Mrs ◎ 289-6760
7133 Jones La Vern Mrs 285-3121
NE BUFFALO ST INTERSECTS
7205 Tryon Arth E ◎ 285-1815
7206★Rose Mary 285-9537
7215 Jackson Adte ◎
7216 Derring Conrad ◎ 285-3823
7224 White Adell T Mrs ◎ 289-2572
7225 Winters Newt ◎ 289-6486
7235 Demps Ruth 289-7457
7236 Brame Louise 289-2587
7244 Vacant
NE HOLLAND ST INTERSECTS
7405 No Return

922

10TH AV NW —FROM 1001 W BURNSIDE ST NORTH

ZIP CODE 97209
10 Tenth Avenue Building
K I S N Radio Station 226-7191
200 American Income Life Insurance Co 248-9322
202 Vacant
300 Vacant
302 Vacant
400 Vacant
500 Vacant
512 Woolach Albert A (Ofc)
Penthouse Mitchell Everett Adv Inc adv agcy 222-9818
12 Western Temporary Services 227-3781
28 Vacant
NW COUCH ST INTERSECTS
100 Armory Automotive Serv Inc body repr 227-6168
122 Armory Automotive Serv Inc (SHOP) 227-6168
138 Job Shop Limited The mach shop 223-5856
NW DAVIS ST INTERSECTS
205 Rite-Away Service Co ofc furn repr 227-1993
206 Walker Electric Inc 226-6828
213 Lauterbach Co The hydrouhc distr 223-5345
221 Downtown Auto Repair 227-4833
222 Vacant
224 Vacant
229 Acme Finishers elec appl refinishing 223-7807
230 Otis Elevator Co (Br) elev mtce 227-5676
235 Dimhanian M E & Sons (Stge)
NW EVERETT ST INTERSECTS
300 Leo's Pub restr & lounge 222-5967
301 Specialty Auto Glass Co Inc 227-1224
312 Old Buddhist Temple Bldg Floors
1st Fl Business & Institutional Furnishings Limited 227-3107
2dfl Vacant
2dfl Tabor & Olson Graphic Design designers 227-0841
3d Fl Martin Soderstrom & Matteson designers 228-8501
315 United States National Bank (Garage)
322 Vacant
327 United States National Bank (Purch Dept) 225-4421
330 Vacant
NW FLANDERS ST INTERSECTS
404 Dehen Knitting Co 222-3871
430 Campbell Weiss Reprographics Inc 222-3264
435 Stearns Art Tires tire dlrs 223-6193
NW GLISAN ST INTERSECTS
509 Eoff Electric Co whol equip 222-9411
525 Eoff Electric Co (Parking)
539 Hill Harry S Co prntg sups 226-3644
NW HOYT ST INTERSECTS
630 Howell R B Co crafts & art wks 227-3125
Howell's Creative Craft Center Inc craft & art sups 227-3125
NW IRVING ST INTERSECTS
720 Rapid Transfer & Stge Co (Whse)

980

10TH AV SE —FROM 1001 E BURNSIDE ST SOUTH

ZIP CODE 97214
10 Levin M & Son elec equip 233-4929
30 Edwards-Kauffman Co food broker 234-5024
SE ANKENY ST INTERSECTS
SE SANDY BLVD INTERSECTS
SE ASH ST INTERSECTS
SE PINE ST INTERSECTS
SE OAK ST INTERSECTS
404 No Return
406 Mc Allister Lorraine
410 Vacant
412 Martinez Carlos
418 Borich Richd J 236-9538
420 Young G J 232-7880
421 Allen Dwight F coml artist 232-9524
American Postal Workers Local 232-5315
National Assn Of Letter Carriers 232-5315
National Assn Of Mail Handlers 232-5315
Portland Postal Employees Credit Union 235-3128
SE STARK ST INTERSECTS
SE WASHINGTON ST INTERSECTS
636 United Salad Co Inc 232-7175
SE ALDER ST INTERSECTS
715 Oregon Auto Spring Service Inc mfrs 234-9611

232

SE MORRISON ST INTERSECTS
800 Perfect Fit Mfg Co auto seat covers 234-9325
SE BELMONT ST INTERSECTS
915 Cal-Frank Produce whol 232-5232
Caruso Produce Express 236-8208
Gourmet Food Products Inc whol 232-5232
Bar-Tur Food Inc (Br) whol gro 234-5739
921 Market Club Restaurant 232-0294
927 Gatto & Sons whol fruit and prod 235-5589
940 Fazzio Fruit & Produce Inc 233-7121
SE YAMHILL ST INTERSECTS
1000 S T Produce whol 236-8628
1030 Kibe Massy Produce Co whol 234-2118
SE TAYLOR ST INTERSECTS
1127 Oregon Brass Works 232-7121
1138 Air Filter Sales & Service Inc 233-5101
SE SALMON ST INTERSECTS
SE MAIN ST INTERSECTS
SE MADISON ST INTERSECTS

240

SE HAWTHORNE BLVD INTERSECTS
1513 Marge's Cafe
Rear★Spets Margt C Mrs ◎ 236-7274
1525 Tab Products Co Of Oregon mfrs agts 233-4878
1528 Hoff Robt 233-9017
1532 Madna John
Rear Vacant
1534★Clifton Leslie 235-5143
1536 Vacant
1538 Vacant
Rear Vacant
SE CLAY ST INTERSECTS
1616 Van Hoomissen Charles J Jr
SE MARKET ST INTERSECTS
1711 American Bakeries Co 234-6421
1720 Penney Co J C (Custom Dec Center) 234-5455
SE MILL ST INTERSECTS
ZIP CODE 97222
1810 Merchants Riverview Delivery Co 233-4721
Merchants Leasing Co truck & auto 232-7141
Powell Hugh Chevron Station 232-5036
1835 Kerr Fruit Concentrates Inc 234-2252
SE STEPHENS ST INTERSECTS
1906 Coast Transport Inc 232-5148
SE HARRISON ST INTERSECTS
2000★Alver Kenneth W 232-1264
2004★Anthis M 232-2764
2012 Apartments
1 Johnson K
2 Vacant
3 Ehrhart Roberto
4★Shurtliff Barbara D 232-6706
5 Vacant
2013 Vacant
2023 Coach Service 235-2173
2025 Pratt Mortuary Service 235-2173
★Faris Del III 232-3685
2035 Great Northern Granite & Marble Co tomb stones 238-1905
★Duley Kenneth 235-5932

933

SE LINCOLN ST INTERSECTS
2100 A-A Plating Inc
2103 A B C Metal Refinishers (Stge)
2129 Granten Apartments The 234-8989
1 Panelli Esther L 236-1478
2★Terwilliger Maude I
3 Vacant
4 Harsha Anne 233-6738
5 Dalby Larry
6 Vacant
7★Davis A
8 Vacant
9★Powell M E
10 Vacant
11 Chambers Gordon G 236-8442
12★Shaffer Richd
SE GRANT ST INTERSECTS
SE SHERMAN ST INTERSECTS
2304 Burris Ed 232-2595
2313 Vacant
2316 General Threaded Products whol screws 234-5248
2326 Lynn Ida M Mrs ◎ 236-8243
2332 Schellenburg Genevieve A Mrs ◎ 232-9930
SE CARUTHERS ST INTERSECTS
2413 Jordan Irvin V ◎ 235-3018
2430 Motley Hulon M ◎ 236-6731
2434★Haynes Wm L
2435 Coast Industrial Supply Co Inc industrial fasteners 233-7773
2441 Porter Emmett S ◎ 235-3050
2449★Thompson Kenneth C 236-8914
2451★Wade Howard B 236-8660
2920 Rub-A-Dub Car Wash 236-8022

SE 11TH AVE 1975

NE 11TH AV—Contd
7305 No Return
7311 Williams Earl M ®
7329 Whiteside Leroy M 289-4223
NE STAFFORD ST INTERSECTS
NE LOMBARD ST INTERSECTS
7500 Friction Supply Co brake mfg 285-4165
NE RUSSET ST INTERSECTS
7606 Northwest Protective Coatings Inc (Whse) 285-4631
NE BALDWIN ST INTERSECTS
7642 Kinoshita Joseph M ® 285-2336
NE COLUMBIA BLVD INTERSECTS

922
11TH AV NW —FROM 1101 W BURNSIDE ST NORTH

ZIP CODE 97209
NW COUCH ST INTERSECTS
N W DAVIS ST INTERSECTS
222 Vacant
NW EVERETT ST INTERSECTS
306 American Fabric Co 222-3665
D C Transmittal Service communications sys 222-4647
Western Seat Cover Co 222-9171
315 Lanier Brugh Inc repts 227-7474
318 Portland Printing Services Inc 224-6299
334 Pacific Wallpaper Inc whol wallpaper 228-0173
NW FLANDERS ST INTERSECTS
403 Columbia Marine Supply Co ship chandler 228-5291
415 Robinson-Walker Engraving Co engrs-metal 227-2539
418 Pacific Trailways (Express Ofc) 223-7472
Pacific Trailways (GAR) 223-7646
NW GLISAN ST INTERSECTS
530 Speedometer Service & Instrument Co auto repr 227-5567
535 Stuart Radiator Distributors hardware whol 223-5177
537 Cracked Pot The garden implts dlrs 248-9649
North Pacific Sign & Design sign pntrs 228-4999
NW HOYT ST INTERSECTS
730 Pioneer Carloading Co frt forwarding 225-0525
930 Vacant

180
11TH AV SE —FROM 1101 E BURNSIDE ST SOUTH

ZIP CODE 97214
15 House Of Lloyd The lithog & prntg 236-3648
17 Portland Outerwear Inc women's rain clothes 235-3616
21 Grand Electric Inc 234-9329
55 Custom Auto Upholstery 236-8803
SE ANKENY ST INTERSECTS
SE SANDY ST BLVD INTERSECTS
106 Goodyear Wholesale Tire Center tire dlrs 234-5364
123 Vacant
124 Northwest Grocery Co (Whse) whol 232-7157
125 Danley Paul 235-0039
SE ASH ST INTERSECTS
208 Vacant
SE PINE ST INTERSECTS
330 Saint Francis Of Assisi Rectory Durand Donald Rev 232-5880
SE OAK ST INTERSECTS
425 Empire Rubber Supply Co 235-8461
SE STARK ST INTERSECTS
514 Vacant
523 Thielen J 236-2846
524 Vacant
SE WASHINGTON ST INTERSECTS
602 Peterson Body Service truck repairs 235-4305
603★Williams Priscilla 253-3826
★Roan Peggy
622 Loucks Archibald H 232-1522
630 Greenwald Louis F ® 232-1374
635 Freeway Transport Co 233-5766
636 United Bearing Co Of Calif Inc sls ofc 235-6631
SE ALDER ST INTERSECTS
708 Horace Mann Educators 233-1383
711 Melchiffe Court Apartments
Stump Bert J 233-6703
A★De Boise Patk
B Haar John J
C Mouledovs C A
D Dess Leo A
1★Jones Constance
2 Oyen Trygve
3 Gillespie Francis J 234-4942
6 Mc Pherson Bill L 233-2105
7 Walsh Margt K 234-7719
21 O'Donnell Lura 234-4048
22★Kilbert Bruce 238-0026
23 King Leo A 236-0379
24 Velotta Dominic 235-4741
25★Carrington Robt W
26 Lee Edith Mrs
27 Mills Jeanette 235-5353
31 Phillips M 233-0325
32 Kay Jessie M Mrs 234-4278
33 Bristow B
34★Demster Paul
35 Lundstrom Geraldine 236-3177
36 Russell Dorothy 235-6886
37★Kruger Carl
41 Redding Geo E 232-6524
42★Atkins James
43 Johnson Charlotte Mrs 232-3686
44 Gensheimer Elsa 235-0921
45 Lundstrom Harold A 236-3177
46★Moore Shirlee
47★Gustin Randall
101 Vacant
102 Walker Jean Mrs 236-5575
103 Whitehead Geo A
104★Dillian Eldon
105★Bemis Adrian
106 Bracco James J 232-8046
201 Emery Edna M Mrs 234-1557
202 Finger Norman
203 Kinna Anna M 234-5132
204 Hendrickson Ethel A 232-3498
205 Johnson Myrtle E 232-1640
206 Anderson Alice M 236-1046
301 Canby Helene M 235-0643
302 Conroy Edw A 234-1697
303★Mecume Donald
304 Bell Frank R 236-2917
305 Sutter Richd A 232-0040
306 Richter Paul
401 Mc Bain Howard F 236-9808
402 Stone L M 233-6703
403 Phillips Ida 233-0325
404 Terleski John 232-5393
405★Mc Carney Margt E 235-7728
406 Bennett C L 236-8369
STREET CONTINUED
716 Needs Program (City Ofc 238-4630
720 Portland Press (Ship & Rec)
728 Graphics Three graphic design 236-0119

232
SE MORRISON ST INTERSECTS
SE BELMONT ST INTERSECTS
951 M & R Produce Inc 234-6507
1010 Rodgers Co (Whse) 233-4638
1020 Oregon Horticultural Sup 232-7138
SE TAYLOR ST INTERSECTS
SE SALMON ST INTERSECTS
1206 Oregon Air Tool Inc power tools 234-0761
SE MAIN ST INTERSECTS
SE MADISON ST INTERSECTS

240
SE HAWTHORNE BLVD INTERSECTS
1520 Jackson Agency The adv 234-7337
Mini-Lumber Yard Inc 235-8101
1536 Delano Photographs Inc coml 236-2139
Western Mapping Co 236-2139
SE CLAY ST INTERSECTS
1601 Western Copy Systems Inc copier sls & serv 233-8886
1611 Pacific Mathtronics Inc 233-8631
1612 Hing Leah ® 232-1917
Lang Lillian
1623 Charlie's Cabinets 236-4766
1632 Power Brake Distributing Co 234-5213
1635 Rough Rider Campers Inc sls 234-5282
SE MARKET ST INTERSECTS
1700 Business Equipment Bureau Inc ofc supe & equip 233-6182
1727 Stardrill Co wells supe 236-2157
1731 Vacant
1735 Kerzel Aug ®
SE MILL ST INTERSECTS
1800 Leyson Joe E ® 232-5769
1812★Mathies Ida Mrs 236-3094
1816 Irmler Lenore E Mrs 236-0448
1820 Apartments
1 Chidester Charles 233-0870
2 Mc Laen Richd
3 Karls Wm
4 Vacant
1832 Triangle Electric Co 234-1333
SE STEPHENS ST INTERSECTS
1901 Hartley & Zuercher Battery & Elec Serv Inc 232-6374
1906 Bratton Charles 234-2219
1908 Westphal Richd R
1918 Coulter Ben B 236-2851
1922 Crane Geo ® 234-3873
1923 Nestar Suzanne K Mrs
1925 Vacant
1927 No Return
1932 Yokoyama David Y
1935 Vacant
1937 Jolly Inn tavern 234-2693
SE HARRISON ST INTERSECTS
2000 Wagner Industrial Inc ind supe 233-5177
2001 Gatto Modern Shoe Repair 235-5034
Rear Gatto Antonio ® 235-5034
2005★Reilly Opal E 238-1655
2006 Vacant
2007 No Return
2008 Ernie's Sanitary Barber Shop 236-8059
2014 Dennis Geo E ® 233-5177
2019★Saperstein D
2023 Cure Darlene 232-0667
2026 Mc Kinley Kevin L 233-1608
2029★Jensen C L 238-9854
★Schons K M 238-9576
2032★Gorman Prunty E M 235-9839
2034 White Douglas
2035 Dumble Thos H 233-9468
Lee Dick
2036 Woods Darell J 233-4017
2038★Chastain Nancy 233-2833

933
SE LINCOLN ST INTERSECTS
2112★Sanders Sandra
2118★Bennett Bill 232-3822
★Philps N 232-6056
2119 Pac Fence & Wire Co (Emp Ofc)
2123★Wright Jack J
2124 Krug Martin C 235-1635
2128 Louie Kwok H
2131 Electroless Plating Specialty Co 232-5980
2133 Vacant
SE GRANT ST INTERSECTS
2204★Policarpo Cappollari ®
2214 Gregory Cindy K 236-5382
2224 Hall Hazel V ® 232-1442
2234 Byrd Wayland ® 236-0234
2235 Pac Fence & Wire Co (Prod Ofc) 233-3631
SE SHERMAN ST INTERSECTS
2303 Hughes Linda
2306 Miller Mary
2311 Baker Mary L Mrs ® 232-5943
2312 Moser Ted R 235-6463
2321 Tolva Robt ® 235-4783
2322★Neilson J L 234-5691
2328★Nerf Gregory
2329 Jones Rolly ® 232-8692
2335 Eichman Albert ® 232-9566
2338★Sampson Lillian 234-6227
SE CARUTHERS ST INTERSECTS
2405 Armstrong Leigh
2407 Lee B J 234-2645
2408 Fazio Theresa Mrs ® 235-5160
2418 Weedman Lorraine H Mrs ® 236-7210
2419 Auto-Chlor System Of Oregon Inc dishwasher rental serv 232-9318
2421 Fargo Mfg Co Inc electrical fittings 236-0149
2428 Ellickson Steve
2429 Evergreen Tool Inc 233-8618
2430★Cavanaugh Bill 233-1840
2432 Century Litho Inc 233-2458
2435 Spencer Aircraft (Industrial Div) hydraulic equip 234-9914
2442 Williams Jeanne M 235-2749
2455 Johnson Paul E Co mfrs agts 232-6461
Mechanical System Service Inc air condtng 233-5957
SE DIVISION ST INTERSECTS
2505 Metropolitan Printing Co 235-8641
2536 Allied Door assemblers of pre hung doors 234-9658

276
SE POWELL BLVD INTERSECTS
ZIP CODE 97202
3013 Vacant
3027★Svart Dale A
3101 Kent Ira 238-0629
3109★Logghe Richd J
3115★Corcorn Wilson 235-2053
3205★Bartell Herbert H 236-7281
3209 Vacant
Vacant
3211★Zessin V
3213 Apartments
1 Hough Jean Mrs 232-8491
2 Keller Lillian
3★Ortega Ted
4★Simpson Pearl
7★Kennedy Kris
8★Thomas Ella
SE FRANKLIN ST INTERSECTS
3302 Vacant
3323★Ericksen Christina W Mrs ® 236-3404
3324 No Return
3333 Apartments
1★Fung Ronald L
2 Pennycook A Edw 234-8076
3 Josey Jerry 236-5512
4★Lothian R
5★Scheinberg Michl
6 Taggart Martha
3345 Newsome Alice 233-9898
SE HAIG ST INTERSECTS
3423 Wendell Helmet 235-6806
3424 Christen Leon P ® 232-2458
3433 Brown Paul B ® 232-6611
3447 Millican Dave ®
SE RHINE ST INTERSECTS
3505★Tropfeebaum J G 236-8834
3513 Stevens Robt E ® 233-0007
3516 Hoagland Dorothy W Mrs ® 234-8083
3520★Scheehan Joe E 235-0190
3522 Seifert Ann Mrs 234-8857
3531 Watson Barbara Mrs
3532 Vacant
3534 Vacant
3537★May Wm
3540★Moulton Richd A 234-1812
3605 Malotte Marion F ® 236-3362
3606 Panage Richd L ® 232-2830
3613 Santos Rudolph
3614 Pennycook Walter C 235-5878
3624 Burnett Glen D Jr 232-9688
SE RHONE ST INTERSECTS
3705 George Wilma P Mrs ® 236-2542
3714 Fettig Baltzer ® 234-5766
3715 Gersch John T ® 236-2721
3722 Schoenfeld Ralph H ® 235-3957
3723 Salerno Bordino ® 236-5471
3737 Beckel Saunders T ® 235-2695
3746 Schechtel Peter A ® 232-2570
3747 Gee Kathleen M Mrs ® 235-4892
3755 Hanson Terri Mrs ® 234-4293
3760 Romano Tony ® 234-3579
3762 Herncall Marianne
3765 Spitulski Zigmund ® 232-5986
3780 Kuppler Herman C ® 235-5300
3783 Bechtold Harold ® 234-8058
3786 Hogan Thos E ® 236-4665
SE BUSH ST INTERSECTS
3803 Immel Frank ® 235-6287
3810 Sacred Heart Convent 232-7883
3815 Immel Dorothy V Mrs ® 234-2852
3822 Sacred Heart Catholic School parochial 235-3223
3825 Pohl Joseph ® 236-9683
3905 Fieger Frank 235-9731
3910 Bauman Albert Rev 236-1837
3915 Smith Agnes Mrs ® 232-9333
Heartley Rose
3921 Kelner Mark P ® 232-4486
3926 Sacred Heart Catholic Church 236-1837
SE CENTER ST INTERSECTS
4009 Niedermeyer Joseph J ® 236-3677
4014 Lair Loretta A Mrs 232-6008
4023 Hadley Roofing Co contrs 233-2002
Hadley Wayne 233-2002
4024 Stapleton Robt L ® 234-2435
4103 Tindle Patricia Mrs
4108 Resnick Frank J ® 235-2857
4117 Manning Jerome A ® 236-8900
4118 Snider Robt L 234-2139
4123 Palermini Raymond F ® 235-3072
4124 Rich Albert D ® 232-7573
SE BOISE ST INTERSECTS
4206★Bigham Fred L ® 234-4780
4207 Conner Charles ® 236-6862
4212 Jones Maureen J Mrs ® 234-5744
4215 Harless Clarence F ® 234-1734
4223 Hamilton Esther ® 236-0327
4226 Flaherty Harley B ® 232-2333
4235 Patrunch Anna Mrs ® 235-2673
4236 Shinn Armand ® 236-6612
4245 Brown Neil D ® 232-4520
SE CORA ST INTERSECTS
4328 Hinkle Charles Ross 233-8276
4330★Steanl Joyce E 236-3339
4331★Geimer Stanley 232-6598
4333 Greenlaw Richd F 235-6433
4335 Santagelo Louie 232-2665
SE MALL ST INTERSECTS

328
SE SELLWOOD BLVD INTERSECTS
SE FLAVEL ST INTERSECTS
7533 Bolden Steven J ® 232-8302
7538 White Lena B Mrs ® 236-4653
SE REX ST INTERSECTS
7631 La Fond M Elaine Mrs ® 232-4939
SE MALDEN ST INTERSECTS
7705 Bishop Richd L ® 234-2762
7708 Brown Theresa M Mrs ® 235-4760
SE LAMBERT ST INTERSECTS
7824 Wagar Donald W ®
7836 Bailey Doris E Mrs 236-2910
SE BIDWELL ST INTERSECTS
7855 Schneider Edw J 235-2094
7865 Shipley Aleen M Mrs ® 236-4459
7873★Oridenkirk Rosalie ® 236-8698
7879★Ward Diane V 233-0046
SE LEXINGTON ST INTERSECTS
SE MILLER ST INTERSECTS
7970 Chase Norman S Jr ® 236-3170
7971 Beaver Precut Structures 235-0424
Beaver Remodeling contrs 235-0424
Buchanan Roderick G 235-0424
★Rosenberg J E 235-4440
SE NEHALEM ST INTERSECTS
8015★Schumacher Charles R 234-4648
8017 Mc Henry Ronald G 233-9076
8029 Hohler Kath B Mrs ® 235-3655
8030 Hawkins Pat O ® 234-3672
SE SPOKANE ST INTERSECTS
8050 Sellwood Baptist Church 234-1566
8057★Lawvie Cora Mrs
8059★Marshall Barbara Mrs 233-9893
8067 Vacant

332
SE TACOMA ST INTERSECTS
8111 Clayton Wm J
8114 Murphy Ellen L Mrs ® 232-4297
8125 Horton Ellen Mrs
8133 Peterson Palmer A
8134 Kingsbury Arth E 235-6157
SE TENINO ST INTERSECTS
8205 Hood Cleo V ® 233-0490
8210 Holland S Ethel Mrs 234-1404
8214 Scheuchzer Geo T 235-2377
8215 Hood Effie J Mrs ® 234-2880
8224 Vacant
8232 No Return
8234 Vacant
8236 Smith Roger 233-6842
8238 Lewis Lawrence E
SE UMATILLA ST INTERSECTS
8306 Fought Donald S
8324★Eggersgluss Jo 236-6320
8325★Nolen L J 232-4423
8334 Jones Arth W ® 236-4095
8335 Caputo Charles R ® 234-1921
SE HARNEY ST INTERSECTS
8403 Johnson Fredricka L Mrs 234-7186
8415 Vacant
8415b Kramer S 232-4577
8416 Hankey Ralph T ® 235-6272
8424 Moser Louise Mrs ®
8429★Mc Anulty C 236-8830
8431★Fowler Charles A 233-9632
8435 Capper Margt H
SE SHERRETT ST INTERSECTS
8507 Pringle Leta G Mrs ® 232-5400
8508 Danielson Celia L Mrs ®
8515 Knipe John A ® 235-7618
8516 Vacant
8524 Vacant
8525 Miller Thos Q ® 232-7978
8526 Hanson David B ®
8535 Bates Billy 234-2466
SE CLATSOP ST INTERSECTS

TP	Adjoining	Source
-	✓	R. L. Polk and Co. Publishers

SE 12TH AVE 1975

NE 12TH AV—Contd
2626★Witkowski Arth S 288-4243
2627 Vacant
2636 Goltz David J ◎ 284-4237
2637 Hunter Ann 284-3695
NE KNOTT ST INTERSECTS
2707 Wilson Joel ◎ 284-1296
2716 Enright Mary A ◎ 281-6863
2717 Motley Lowell 287-3946
2726 Jones Emerson C ◎ 282-6279
2727 Thomas Lawrence H ◎ 281-6130
2736 Rosenbloom Melvin J ◎ 284-8868
2737 Bates Harold M ◎ 281-3337
2746★Burt Patk 287-8076
2747 Carpenter Kirk ◎ 281-0773
2806 Richards Darlene Mrs 288-2578
2809 Russell Marjorie Mrs ◎ 281-1788
2816 Vacant
2817 Lewis Arth D ◎ 288-1698
2822 Lewis Tracy ◎ 282-7975
2823 Grischaw Nellie H Mrs ◎ 281-6605
2832 Blumenthal Rubin ◎ 287-9957
2833 Butt Alta R ◎
2846 Weitzel Edw ◎ 282-2927
2847 Etuck Nyong ◎ 288-3356

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NE STANTON ST INTERSECTS
2911 Brownie's Maintenance Service 287-9447
Brown Marcus E ◎ 287-9447
2912★Roseman Elena W Mrs ◎ 288-0762
2923 Brown Emanuel ◎
2928 Tillman Floyd ◎
2933 Battles Laurel Mrs ◎
2936 Stroud Moving & Storage transfer & stge
Stroud Kelly D ◎ 287-1628
2943 No Return
2946 Person Joseph R ◎ 287-2522
3002 Grice Leroy R ◎ 281-2307
3007 Mann Ernest J ◎ 284-6235
3016★Leonetti Wayne L 282-9675
3017 Britt James W Jr ◎ 282-6271
3026 Harding Madie Mrs 287-9482
3027 Walker B T 288-7685
3033 Vacant
3036 Friday Maggie Mrs ◎ 282-9129
3042 Springsteen Hubert G ◎ 282-9941
NE SISKIYOU ST INTERSECTS
3103 Jones Frank
3106★Bey M Eleaner 287-2211
3116 Denton Wm A ◎ 284-4508
3117 Jones Helen L Mrs ◎ 282-8743
3121 Cranford Irene P Mrs ◎ 282-5202
3122 Williams A W Jr ◎ 284-4720
3132 Mc Allister Conway ◎ 287-1835
3133 Chin Fon ◎ 281-6427
3143 Garmon Marie L Mrs ◎ 288-4445
3146 No Return
3203 Fuller Maceo ◎ 287-2370
3206 No Return
3216 Kjenarud Twila Mrs ◎ 287-8351
3217 Mc Cullumn Sylvester Rev ◎ 287-5036
3222★Rowe Sydney
3223 Rush Curtis ◎ 281-7047
3232 Ostenson Ruby A Mrs ◎ 284-5386
3233 Ollison Ural L ◎ 287-2591
3242 Vacant
3243 Williams Johnny S ◎ 284-3687
NE KLICKITAT ST INTERSECTS
3303 Ferguson Inez O Mrs ◎ 282-0068
3306 Jackson Saml A Jr ◎ 281-8598
3311 Erickson Emma C Mrs ◎ 281-2366
3312 Vacant
3323 Graham Abr ◎ 287-9406
3326 Love Lucille Mrs
3331 Corder Preston 288-3437
3332 Kelt Robt W ◎ 287-0746
3342 Horstly Mitchell ◎
3343 Crockett Darnell ◎ 288-4143
3406★Brazzle Vernon ◎ 282-9350
3407 Evans Albert D ◎ 282-3107
3416★Coleman Raiford 282-5282
3417 Van Dolah Fred ◎ 287-6118
3426 Day Warren ◎ 282-6278
3427 Brown John 281-2095
3441 Savage Azel ◎ 287-9669
NE FREMONT ST INTERSECTS
3507 Hunford Wilma Mrs
3513 Owens Willie L ◎
3525 Willis Elwin C ◎
3526 Harvey Parthenia Mrs
3535 Vacant
3603 Vacant
3606 Anderson Marylou Mrs ◎ 288-3219
3611★Fletcher Lane 284-5181
3616★Bozman Geo 288-8563
3621 Johnson Le Roy ◎
3622★Isom Robt 281-7262

124
NE BEECH ST INTERSECTS
3702 Organ Samuella Mrs ◎ 287-9328
3716 Mack J L ◎ 284-3985
3717 Vacant
3726 Hardnett Cartatell 287-3191
3727 Harnett Carthell ◎
3736 Vacant
3737★Matthews Howard
3807 Anderson Justin A 287-5568
3813★Kane Truman J 281-8570
3816 Roper Wm ◎
3823★Lewis C L 281-9021
3828 Krska Robt J ◎ 287-7736
NE FAILING ST INTERSECTS
3912 Vacant
3916★Hanson K S
3917 Walker Jacob ◎ 284-2276
3926 Cason James G 282-0498
3927 Richardson Osborne D 288-2917
3933 Hardy Harry H ◎ 287-6018
3936 Bell La Veta I Mrs ◎ 284-6625
3946 Miller Mabel Mrs ◎ 284-0532
3947 Brewer Kath Mrs
3953 Johnson Claudie T ◎ 284-6141
3956 Alexander Mary A Mrs ◎ 281-5871
3967 Vacant
3968 Hohnstein Alice Mrs ◎ 281-4502
3973 Monk Mae P Mrs 288-4667
3976 Martin Thos
NE SHAVER ST INTERSECTS
4007 Vacant
4015 Vacant
4016 Wolf Rudie ◎ 287-2100
4028 Johnson Guy G ◎ 282-0854
4027 Glockner Lena Mrs ◎ 288-1201
4036 Vacant
Vacant
4037 Ricks Walter C ◎ 282-5311
4046★Roads Bobby
4047 Vacant
4057 Huck John Jr 284-3896
4058★Phillips Ophelia Mrs
4066 Jackson M C ◎ 284-8851
4067 Duff Robt E 287-0893
4073 Vacant
NE MASON ST INTERSECTS
ZIP CODE 97211
4115 Lawson Mamie Mrs ◎ 282-3553
4120 Lambert Perry ◎
4135★Green Judy
4136★Allen R J 284-8396
4206★Kaha Peter
4227 Canada Ozella Mrs ◎ 287-9249
4233 Vacant
NE SKIDMORE ST INTERSECTS
4302 Vacant
4305 Harris Amos ◎ 282-8004
4306 Taylor Wm 281-2288
4315 Cleveland Clifford L ◎ 281-2425
4316★Lasko Jay
4323 Jackson Henry W ◎ 287-5849
4406 Vacant
4407 Johnson Ida C Mrs ◎ 284-3430
4415★Seville Beatrice
4420 Apartments
1 Vacant
2★Harris Marvin
3 Dawson Dorothy Mrs 287-7025
4 Vacant

144
NE PRESCOTT ST INTERSECTS
4514 Saylor Bill
4515 Romono Tony
4524★Lahoe W E Mrs 281-4318
4534 Mitchell J H
4537 Benson Vivian L Mrs ◎ 284-5671
4542 Berg Leonard A ◎ 282-5406
NE GOING ST INTERSECTS
4621 Cannon Robt ◎ 287-6551
4704 Cohen James M ◎ 287-2015
4715 Bowles Eva D ◎ 284-0815
4716 Rochell John L ◎ 281-3006
4724★Alexander Dora Mrs 281-4176
NW WYGANT ST INTERSECTS
4801 Richardson Patk H ◎ 281-8796
4808 Whitlow G E 281-1681
4815 Rhode James
4822 Wolfington Jarold E ◎ 284-0640
4823★Gaddis E J ◎ 287-9088
4831★Wilson Willie ◎ 287-4279
4832★Bates R 288-1875
4840 Ivy Ernestine
4848 Parker Janice I Mrs
4849★Sanders John
4856 Jackson Robt ◎
NE HUMBOLDT ST INTERSECTS
4903 Vacant
4904 Vacant
4911 Armstrong Clytie Mrs 284-4379
4917 Peterson Geo
4921 Lewis Theron
4926★Stokes Richd 287-8765
NE ALBERTA ST INTERSECTS
5017 Vacant
5020 Litsas James N ◎ 281-6663
5026 Cox Patricia ◎ 288-3280
5027 Sandoval Gilbert
5035★Stroud Wm 288-1651
5036 Vacant
5043 Meyers Rubie Mrs ◎ 284-2314

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NE WEBSTER ST INTERSECTS
NE SUMNER ST INTERSECTS
NE EMERSON ST INTERSECTS
5302 Vacant
5312 De Haven Arth P ◎
5323 Wardwell Langdon D ◎
5324 Cooke James E ◎ 284-8434
5403 Loran Jacob ◎ 284-3843
5406 Yuckert Conrad ◎ 287-8701
5420 Cole Fred
5430 Key Darrell
NE KILLINGSWORTH ST INTERSECTS
5505★Barrett Joeane Mrs 281-6841
5509★Parks Carolyn 288-8556
5514 Guiso Josephine E ◎ 288-4729
5524 Widen Raymond ◎ 282-1365
5525 Trull James W ◎ 281-0152
NE CHURCH ST INTERSECTS
5605 Wester Arthur E ◎ 281-4418
5614★Riggins Livingston 284-6398
5615 Griffith Allean Mrs
5624 Usselman Anton F ◎ 281-6774
5625 Vacant
5634 Butler Charles E ◎ 281-6794
5635 Vacant
5702 L'Esperance Antoinette E Mrs ◎ 288-3201
5707 Roberts Ira D ◎ 287-8248
5715 No Return
5716 Campbell Archie 288-0583
5718 Mc Pherson Don L
5723 Saelens Irene L Mrs ◎
5724 Davies W A 287-3054
5733 Smith Charles E
5734 Mc Pherson W H ◎ 288-5085
NE JARRETT ST INTERSECTS
5815 Sloan Stuart S ◎ 282-0253
5823 Rankin Eliz R ◎ 282-2190
5824 Vacant
5832 Belecz Frank J ◎ 281-6497
5836 Hardaway Lee O ◎
5843 Marlett Miles A ◎ 287-7616
5844 Smith Gale D ◎ 284-0420
5848 Mc Dowell Herman L ◎ 287-9980
5851★Staley Gordon A 287-8210
5901 Williamson Frank ◎ 281-9175
5910 Koenig Walter ◎ 282-5141
5917 Johnson Jackson
5920★Jones H
5925 Houseton Joe L ◎
5928 Fox Warren A ◎ 287-3922
5931 Vacant

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ZIP CODE 97211
NE AINSWORTH ST INTERSECTS
6025★Moler Leo W 287-9087
6026 Vacant
6034 Carter Irene M Mrs ◎
6035 Robinson Geo A ◎ 287-1813
6101 Piclue Preston 288-3803
6102 Harrell Rosemary J Mrs ◎
6117★Younger Herbert
6126 Vacant
6127 Howell Charles W ◎ 287-1396
6138 Martin O H
6204 Randolph Alf ◎ 284-1540
6207★Smith Barbara A Mrs
6214 Polk Jerome ◎ 284-2233
6217 Terry Willis T ◎
6224★Littleton Diane 287-0061
6225 Brisler Lloyd ◎
6233★Rodgers Pearl B Mrs
6234 Christian Rollins F ◎ 282-8670

174
NE HOLMAN ST INTERSECTS
NE BUFFALO ST INTERSECTS
7220★Johnson Etolia 285-4468
7232 Hill James K
7244★Tsohonis Tom N 285-2780
7252★Anderson Don ◎
NE HOLLAND ST INTERSECTS

932
12TH AV NW —FROM 1201 W BURNSIDE ST NORTH

ZIP CODE 97209
NW BURNSIDE ST INTERSECTS
NW COUCH ST INTERSECTS
135 Blitz Weinhard Co (Stge)
NW DAVIS ST INTERSECTS
NW EVERETT ST INTERSECTS
305 Gear Reducer (Whse)
312 West Bearing (Whse)
316 Jobbers Service Co whol auto sup 227-6605
317 Jobbers Service (Garage)
323 Fox Lamp & Fixture Co whol 223-8089
339 Industrial Products Co flexible hose 228-1677
351 Rice Bros Co whol parts 222-9905
Rice Bros (whses)
Vanderbelt King mfrs agt 222-9905
NW FLANDERS ST INTERSECTS
408 T P I Corp elec equip mfrs 223-2949
NW GLISAN ST INTERSECTS
516 Smith Burton H Associates whol auto parts 227-4354
520 Paris George Restaurant 223-5995
522 Burns Biotec Inc veterinary supe whol 222-9649
528 Defiance Manufacturing Co silk screen prntrs 228-1571

13
NW HOYT ST INTERSECTS
610 Pacific Forwarding Co (Portland Terminal) 228-3442
Stor-Dor Freight Systems Inc (Portland Terminal) 227-1221
Westland Forewarding Co (Portland Terminal) frt forwarding 227-1221
NW IRVING ST INTERSECTS
815 Westinghouse Major Appliance Sales 228-9393
NW KEARNEY ST INTERSECTS
905 Portland Mailing Service 221-0707
935 Office Building
Rooms
130 Northwest Envelope Co mfrs agts 222-6055
131 O K Sales Reps glasswares 228-3574
133 Printco Inc prntrs & copy serv 225-0200
133 Construction Data News publ 225-0200
134 Western Freight Assn frt forwarders 227-1228
FLOORS
2d Fl Carter Rice Papers Inc whol 226-3781

934
NW LOVEJOY ST INTERSECTS
NW MARSHALL ST INTERSECTS
NW NORTHRUP ST INTERSECTS
1233 Wilhelm Rudie Warehouse Building 226-3145
Rooms
101 Bach Pete Electric Co mfrs agts 227-2173
102 General Bearing 226-7084
201 Portland Iron Wks (Acctg Ofc)
205 Garland-Affoltar Engineering Corp mfrs agts 223-7349
205 Central-Moloney Electric mfrs agts 223-7349
207 Vacant
208 Vacant
212 Lorillard P Corp tobacco whol dlrs 228-9439
213 Lorillard P Co mfrs agt
220 Portland Iron Wks (Acctg Dept)
NW OVERTON ST INTERSECTS
1301 Vacant
1333 Vacant
NW PETTYGROVE ST INTERSECTS

160
12TH AV SE —FROM 1201 E BURNSIDE ST NORTH

ZIP CODE 97214
SE ANKENY ST INTERSECTS
101 Foote Jennie R Mrs ◎ 236-6709
113★Menze Mark 236-7257
114 Sturdevant Jack
121★Rowley Nancy Mrs 235-8397
127★Wong Gary S
Chen Mary Mrs 234-3986
★Sullivan John M
128★Roberts Charles
★Garcia Benny 232-4695
129★Wong Mary Mrs
134★Sigas Tasos ◎ 232-5901
135★Manjeot M C ◎ 233-8114
SE ASH ST INTERSECTS
201 Creative Outlet art instr 233-3654
211★Strachan Margt D 232-4985
213 Durant Improvement Co roofing contrs 234-2723
231 Johnstone Corp appl parts whol 234-0203
234 Moore's Audio Visual Center Inc 233-5621
SE PINE ST INTERSECTS
303 Saint Francis Of Assisi Catholic Church
310 Maryatt Industries industrial indry 233-2446
SE OAK ST INTERSECTS
400 Cole Grace R 232-4416
410 Apartments
1 Vacant
2★Lupe Maria
3 Vacant
4 Vacant
416 Vacant
418★Contras Manuel
436 Security Signs Inc mfg & installer of elec signs 232-4172
SE STARK ST INTERSECTS
503 Todd Apartments
A★Sisko John
1 De Kay Frank M 233-4138
2 Mc Alister Eloise Mrs 234-3428
3★Aaberg Edw
4 Wald Wendelin
5 Cleveland Agnes Mrs
7 Gfeller Elick
8★Eller Wm
9★Hogencamp Edw
10 Whitman H M 234-4696
11 Evans Maxine M 233-7998
12★Beck Warren
14 Hollingsworth Roy
15 Kirkpatrick Bernice E Mrs 235-9017
16★Smith Glenn E 235-6267
535 State Commission For The Blind 238-8375
SE WASHINGTON ST INTERSECTS
603 Stoppelcamp Margt A ◎ 236-8253
623 Collins Leone H Mrs ◎ 232-3719
SE ALDER ST INTERSECTS
707 O'Neil Eva G Mrs ◎ 232-2640

232
SE MORRISON ST INTERSECTS
SE BELMONT ST INTERSECTS
909 General Tire Service 234-7543
914★Bricker Wm D 236-9995
Mc Elhenny Cecile C Mrs 232-4332
Hatfield Arden D
924 Lane Walter V
932 Apartments
A★Rockwell E 238-9894
B★Barclay Veda
D Vacant
SE YAMHILL ST INTERSECTS
1000 Kennedy Construction Co bldg contrs 234-0509
1007 Candelier Shop The antiques 232-6654
Thompson Virginia A ◎ 232-6654
1016 Chin Bill ◎ 232-9948
1024 Apartments
1 Jorgensen Peter M 232-9903
2 Latham Ann A Mrs 236-3785
3 Vacant
4 Wall Steven
1025 Apartments
1★Milner Anna Mrs 232-4699
2 Locke Chad
3★Jay Christopher
4 Albright Les
5 Vacant
6 Barnes B
1028 Nancy J Market gro 235-5095
1032 Kellerhals Barbara Mrs
1035 Mission Rose Apartments 235-2994
1 White Frank S 234-6701

SE 13TH AVE 1975

NE 13TH AV—Contd
2627 Angel Rexford @ 287-5348
2628 Arron L Mrs @
2633 Porter Aristle @ 287-4764
2634 Austin Burnett E @ 281-4815
NE KNOTT ST INTERSECTS
2711 Sango Travis L @
2712 Seamster Richd @ 288-1522
2726 Phillip Mary Mrs 282-5175
2727 French Lucille O
2736 Taylor Walter 284-0557
2742 Thomas Charles E @
2747*Miller Robt G @ 281-7801
2806*Anderson D @ 281-1616
2807 Sasaki Masajiro T @ 288-2437
2812 Streeter Herbert
2813 Loughney Alan W @ 282-3122
2822 Montgomery Willie D @ 282-0144
2823 Johnson Willie P @ 287-5317
2833 Mezyk Joseph F @ 287-3228
2836 No Return
2843*Aboussie Richd T 281-6394

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NE STANTON ST INTERSECTS
2917 Johnson Harold L @ 284-0294
2920 Grover Kathryn L Mrs @ 281-7178
2927 Williamson Richd B 288-2637
2933 Minor Steve @ 287-8948
2938 Smale Norman C @ 287-6758
2943 Leer Gary H @ 288-0714
2946 Zumwalt Hallie P Mrs @ 281-9026
3002 Pond Marvel A Mrs @ 282-1604
3003*Pitney Patricia A Mrs @ 288-9971
3016 Mc Bride Byron D @ 284-6447
3017 Pedersen D C @ 281-2612
3022 Graham Odell @
3023*Nicholas Ivory 282-0297
3036 Thomas Lucile Mrs @ 281-3892
3037 Rush Bolden @ 284-4987
NE SISKIYOU ST INTERSECTS
3111 Cabine Monroe @ 284-3393
3112*Sherman Craig M @ 287-9226
3121 Jenkins Willie L @ 284-8250
3122 Rudolph Christina Mrs @ 284-8576
3131 Wright Robt @ 282-5413
3132 Day Yvonne E Mrs @ 287-7726
3145 Mc Millan Larce @ 287-0071
3146 Leong Frank P @ 288-2275
3202 Johnson Karthear @
3203 Johnson Aldridge @ 282-4951
3211 Stewart Billye
3212 Derby James B @ 281-9863
3222 Harlow Florence E Mrs @ 281-8723
3223 Harris Fred @ 281-5511
3232*Samson Bruce @ 288-2516
3233 Odom Wm B Jr @ 282-6937
3242 Shepherd Alonzo @ 287-5237
3243*Robinson Kay A Mrs 281-3777
NE KLICKITAT ST INTERSECTS
3303 Harris Tony
3306 Stepton Michl @
3311 Woods Wm H @ 284-3093
3312 Vacant
3321 Martin Andrew L @ 281-9128
3322 Johnson Gloria Mrs 287-3128
3332 Mc Neal Alt @ 281-4407
3333*Nash Lucille 284-4840
3342 Warren Henry @
3343 Aiken Margt M Mrs @ 284-5217
3402 Vacant
3403 Caples Madeline L Mrs @ 281-2574
3415 Youngblood Clyde L @ 287-7369
3416 Kelleher Jack J @ 281-8581
3425 Poole John @ 288-4294
3426 Gower Michl C @ 284-5126
NE FREMONT ST INTERSECTS
3505 Rogers John C @ 281-0995
3514 Washington Rometa E Mrs @ 281-3288
3515 Hallman Edw W @ 284-0082
3524 Scott Richd A @ 281-1642
3525*Aviles Patty Mrs
3534 Vacant
3535 Pesonen Ina Mrs @ 284-5009
3602 Hughbanks Jackson @ 284-2257
3607 Vacant
3613*O'Dell Jeanny 282-6630
3615 Vacant
3616 Boyd Thurman @ 282-1194
3623 Vacant
3626*Harris Corinne Mrs
3627 No Return
3633 Weitzel Raymond garbage collr @ 281-5652
3634 Smith Helen Mrs
Sherman Gussie C Mrs 284-4812

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NE BEECH ST INTERSECTS
3712 No Return
3713 Miller Kath Mrs @ 287-9028
3723 Love Cleo @
3726 Vacant
3730 Tacker Leazer G Mrs @
3731 Strohecker Kenneth F @ 284-0568
3804 Schlitt Marie Mrs @ 287-7927
3807 Schleining John @ 282-4611
3811 Carter Vernon L
3816 Allen Paulette E @ 281-3788
3827 Schleining Alice Mrs @ 288-1358
3828 Williams Grant @
NE FAILING ST INTERSECTS
3916 Jones Delphia M Mrs @ 284-3742
3919*James Ellie
3927 Vacant
3928 Bishop Harold @ 281-3576
3937 Arndt Geo H landscape gdnr @ 281-4602
3938 Jones Christine Mrs @ 282-2926
3946 Karamanos Basil T @ 282-4226
3947 Cook Milo R @ 284-2428
3957*Deskins Lisa
3958 Vacant
3967 Hensley Josephine Mrs @ 281-5121
3968 Miller Alex @ 282-1271
NE SHAVER ST INTERSECTS
4003 Cole Genora Mrs 284-4142
4015 Franzel Glenn L @ 284-2616
4016 Vacant
4022 Hagood Phyllis S Mrs @ 288-1022
4025 Byrd Leroy @ 284-7473
4034 Lichtenwald C Gus @ 281-7621
4037 Scott Willie @ 282-8882
4047 Archie Lillie Mae Mrs
4054 Woods Dorothy L @ 284-0790
4057 Hodges Tommy J @ 288-1166
4066 Holland Carrie Mrs @ 282-2157
4067*Allen Pora 288-3701
NE MASON ST INTERSECTS
ZIP CODE 97211
4104 Triplet Audrey Mrs
4116 Vacant
4124 Mc Duff Calbert @
4125*Hoekstra Dan 281-9131
4135 Ferguson Alrenzo 281-5881
4206 Ross Henry @
ZIP CODE 97202
4207 Vacant
4214 Vacant
4224 Hoy Hildegard E Mrs @ 282-1363
4234 Mc Eachern John M @ 281-4024
NE SKIDMORE ST INTERSECTS
4303 Tacheppe Herbert R @ 284-7146
4310*Christmas Nick Jr 287-9728
4315 Byrd Herbert @ 288-3166
4323*Williams Edw
4326*Coat Eddy
4405 Stewart Ethel Mrs
4406*Taylor Charles E 281-1421

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NE PRESCOTT ST INTERSECTS
4513 Carras Geo A @ 282-4768
4525 Maney James F @ 284-1807
4526 Urbach John @ 281-8907
4534 Harris Charles J Jr @
4535 Thomas Marie A Mrs @ 281-9016
NE GOING ST INTERSECTS
4605 Jones Atwood P @ 282-1666
4621 Blacknall Reese 288-3358
4622 Howard Yvette Mrs 282-3647
4705 Averchuck John @
4714 Ross Ivery V @ 282-8821
4715 Vacant
4726 Lipskey Emma P Mrs @ 281-5608
NE WYGANT ST INTERSECTS
4804 Reynolds Robt E 288-1925
4812*Love Leonard @ 288-2616
4813 Hollins Ileen L Mrs @
4822 Gunner Edgar 287-8528
4823 Zillman Sarah J Mrs @ 282-6155
4830 Evans Martha Mrs 288-8978
4831 Scott Loraine Mrs @
4840 Webb John W 282-9218
4841*Beaty Mary-Lynn Mrs 281-3605
4845*Coffee Irwin 281-9085
No Return
4846 Nelson Effie M @ 281-4012
4856 Taylor Igusta @ 284-7612
NE HUMBOLDT INTERSECTS
4902 Budscard Myrtle Mrs @ 284-1219
4905 Barrett Janice I 288-0650
4911*Easley Peggy
4912 Hathaway Herbert H @ 288-2915
4918*Coleman Shirley A
4919 Grosse C Edith @
4927 Fraser Gretta L Mrs @ 282-1606
4928 Hart Leon @ 282-1559
4935 Nash Marvin @ 281-8034
4936 Becker J J @
4946 Winter Lelah M Mrs @ 287-4413
NE ALBERTA ST INTERSECTS
5003 Hileman Jean
5011 Stevenson Wallace A 287-3188
5020 Vacant
5021*Bryant Essie 282-4424
5028 Garner Alex @ 284-5633
5029 Avent Eleanor M Mrs
5034 Vacant
5035 Finck Solomon C @ 287-0351
5044 Killmon Wm 282-0254
5045 Foughty Orton P @ 284-7411
5050 Jenkins Granville @
5051 No Return
NE WEBSTER ST INTERSECTS
5112 Bratberg Gina M @
5121 Nesbit Harry L 282-7545
5122 Mc Gowan Fanny Mrs 282-9030
5128 Warneke Ida A E Mrs @ 282-9483

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NE WEBSTER ST INTERSECTS
NE SUMNER ST INTERSECTS
5210 Davis Hazel I Mrs @
NE ROSELAWN ST INTERSECTS
5265 Cole Lloyd C
NE EMERSON ST INTERSECTS
5312 Under Constn
5314 Vacant
5321 Douglass Fred C @ 288-9685
5322*Harris Roy 282-3923
5406 Ingolia Gary @ 288-8664
5420 Vacant
5430 Johnson Billy D 288-8527
NE KILLINGSWORTH ST INTERSECTS
5524*Evans Sherman 281-7166
5602 Vacant
5603 Vacant
5612 Hargrove Willie E @ 287-5974
5615 Scheid Carma Mrs @ 282-8209
5622*Bizel Roy B 282-6104
5625 Orr John L @ 284-5511
5633 Wilson Ellen J
5634 Baker Lloyd E @ 282-6516
5635 Raymer Willie
5702 Marshall James R @ 288-0314
5705 Vacant
5707 Strong Vickie D Mrs 281-5794
5712 Cole Erma F @ 287-1068
5713 Whitfield Henry L @ 288-1525
5723 Sweeney Bill
5733 Durdin Bobby @ 288-2138
NE JARRETT ST INTERSECTS
5807 Thomas C J 282-4888
5814 Vacant
5815 Hill Thos
5825 Warren Robt C 287-6920
5826 Hill Robt C Rev @ 287-5680
5832 No Return
5835 Hyndman Ruth Q Mrs @ 287-8654
5844 Vacant
5845*Lowe Kenneth 287-0107
5850 Carr Myrtle R Mrs @ 287-7976
5901 Lacker Carl F @ 287-4661
5904 Davis Wm M @ 281-8072
5911 Comfort Screen & Window Co 281-8967
Heinz Carl J @ 281-8967
5912 Vacant
5918 Gulliksen Olav C 282-3612
5919 Boom Christina Mrs @ 281-0417
5930 Butler Robt E @
5931 Mc Calmont James @ 282-1153
5945 Rose Vernon @ 281-3898

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NE AINSWORTH ST INTERSECTS
6010 Rush Virginia Mrs @ 284-1634
6015 Keller John
6024 Mac Donald Wm C @ 282-6616
6025*Pace Gordon W 282-3171
6034 Washington Edw J @ 284-1743
6037 Howard Florence H Mrs @
6104 Davis Ceola Mrs 282-2772
6105 Mason Evelyn M Mrs 288-9034
6115 Busch Ralph R @ 287-7792
6116*Giles Melvina Mrs
6121 Daniels Pauleata W Mrs @ 284-0622
6126 Johnson Joe A 281-1009
6132 Kelly Cal Mrs 288-4236
6133 Wright Myron N @ 282-9298
6201*Cooper T A
6206 Briggs Richd C 282-6438
6210 Smith John L @
6215 Fambrough Marcellous T @ 287-2113
6224 Hall Eliz Mrs @ 284-4452
6229 Jackson Sidney J @ 284-0934
6232 Paul Janitorial Service 282-0468
Paul Royal J @ 282-0468
NE HOLMAN ST INTERSECTS
6305 Edwards Gilbert J @ 282-5302
NE HIGHLAND ST INTERSECTS
NE PORTLAND BLVD INTERSECTS
NE BELLEVUE AV INTERSECTS
NE MORTON ST INTERSECTS
6532 Lockett Harvey H
6536 Anderson Martin H 289-6076
6547*Broyhill Warren @ 288-3087
NE LIBERTY ST INTERSECTS
NE LENORE ST INTERSECTS
NE JUNIOR ST INTERSECTS
6717 Hopper Hazel I Mrs @ 284-1426
6720 Pierce Alma K Mrs 286-4257
NE DEKUM ST INTERSECTS

174
NE SARATOGA ST INTERSECTS
NE WINONA ST INTERSECTS
NE BRYANT ST INTERSECTS
7038 Bennett Reuben M @ 289-4694
NE WOODLAWN AV INTERSECTS
NE MORGAN ST INTERSECTS
7106 Nord Tamar J Mrs 289-5188
7132 Williams Robt L @
NE BUFFALO ST INTERSECTS
7207 Cairo Geo @ 289-0746
7224 White Perry V @ 285-2313
7225 Jensen Clarence M @ 285-2676
7243 Williams Sally D @ 289-5893
NE HOLLAND INTERSECTS
7334 Nozaki John L Jr @ 289-2926
NE STAFFORD ST INTERSECTS
UP TRACKS INTERSECTS
NE LOMBARD ST INTERSECTS
NE RUSSET ST INTERSECTS
NE LONBARD PL INTERSECTS
7515 Northwest Protective Coatings Inc pnt applications 285-4631

932
13TH AV NW —FROM 1301 W BURNSIDE ST NORTH

ZIP CODE 97209
NW COUCH ST INTERSECTS
102 Blitz Weinhard (Stge)
115 Cromin Co The (Kentile Whse)
NW DAVIS ST INTERSECTS
221 Platt Electric (Whse)
NW EVERETT ST INTERSECTS
300 Plancich Fish Co 227-6416
NW FLANDERS ST INTERSECTS
401 Vacant
NW GLISAN ST INTERSECTS

13
NW HOYT ST INTERSECTS
No Return
NW JOHNSON ST INTERSECTS
NW KEARNEY ST INTERSECTS

934
NW LOVEJOY ST INTERSECTS
1039 Wilbur-Ellis Co (Whse)
NW MARSHALL ST INTERSECTS
NW NORTHRUP ST INTERSECTS
NW OVERTON ST INTERSECTS
NW PETTYGROVE ST INTERSECTS

912
1630 Burlington Northern Inc (Section Depts) 221-1300
NW SAVIER ST INTERSECTS
1705 Burlington Northern Inc (Yard Ofc) 221-1300

180
13TH AV SE —FROM 1300 E BURNSIDE ST SOUTH

ZIP CODE 97214
SE ANKENY ST INTERSECTS
SE ASH ST INTERSECTS
215 Gibson Leola Mrs 234-3691
216 De Busk John E 234-2597
218 Endsley Richd 232-9892
225*Nonne Steven 234-2192
226 Lester Steph 235-2438
239 Anderson Alan R 233-3823
SE PINE ST INTERSECTS
314*Lyter Suszan Mrs
324 Finan James R 236-6437
SE OAK ST INTERSECTS
419 Farwest Graphics prntg equip whol 233-7679

232
SE MORRISON ST INTERSECTS
812 Bostitch Stapler & Nailer Co 234-1307
822*Goodin Sally 234-3433
SE BELMONT ST INTERSECTS
900 Durland Coe I @ 234-1451
904 Ramsay Carla D 232-5932
915 Vacant
916 Lidstrom Ed @ 235-0009
923 Apartments
1 Vacant
2*Johnson E T 236-7613
3*Slater Patk
4 Jones Claire B
5 Sigreid Gino
6*Williams M J
924*Minks L V
SE YAMHILL ST INTERSECTS
1013 Korn Leon E investment broker @ 236-3766
1016 Price Iola Mrs @ 235-4448
1030 Talbitzer Howard J 232-5854
1032 No Return
1034 Marvin Maybelle V Mrs 232-9275
1036 Brunton Bethel B Mrs 235-6510
SE TAYLOR ST INTERSECTS
1106 Claire Apartments 233-1215
1*Davis A
2*Gross Jake
10*Hardy Mark O 236-8044
11 Chan Kwong Po 235-1689
12*Gerard R
14*Billings David
15 Hickson M
16*Meinke C
20 Penchard Norma
21*O'Brien Frank
22*Nelson L
24*Trepus S
25*Carlile J
26 Zook J C Rev 232-8016
30*Phillips Raymond
31 Christensen Nellie 232-4421
32*Krahn Randall 223-9750
34*Randolph Ron
35*Shore Wm
36 Fong Louis 232-9815
SE SALMON ST INTERSECTS
1223 Mayfield Edna M Mrs @ 236-8458
SE MAIN ST INTERSECTS
1303*Hanks Alf F 233-2221
1315 Apartments
A*Lane S
B Vacant
C*Randall G
D Lerner Mollie Mrs @ 232-4517
SE MADISON ST INTERSECTS
SE HAWTHORNE BLVD INTERSECTS

244
SE DIVISION ST INTERSECTS
ZIP CODE 97202
2508 Linnebur James E 232-1514
2513 Amato Rick 233-1528
2514 Brockhaus Bertha A Mrs 232-9631
2518 Booth Suzanne Mrs 238-1653
2519 Vacant
2525 Magnuson Melvin D @ 236-3301
2526*Johnson Caroline
2528*Taylor James
2534 Barnicord Robt R 235-1472
2537 De Ford Shirley Mrs @ 236-5816
SE IVON ST INTERSECTS
2605 Karl Kurt
2615 Bennett Marjorie D 233-9846
SE CLINTON ST INTERSECTS

274
SE POWELL BLVD INTERSECTS
3111 Waco Scaffold & Equipment Co Inc 234-9783
SE KELLY ST INTERSECTS
3205 Multnomah Tile Co ceramic wall tile 234-7515
3215 Wood Marion L @ 236-4269
3216 Streimer Joseph F @ 232-0656
3223 Carlson Eunice Mrs
3226 Barker Dorothy A Mrs 236-2062
Barker David 236-5800

345 N.E. 8th Ave. Phone 503 - 238-9730
8651 S.E. Division ● Portland, Oregon 97266

SE 9TH AVE 1975

NE 9TH AV—Contd
6112 Stanton Robt B ◎ 284-0114
6117 Schmidt Helen C Mrs ◎ 284-5763
6122 Frater John ◎ 284-3852
6130 Bams Willie J ◎ 281-0367
6133 Hall Floyd L ◎ 287-1394
6203★Switzer Mark A 281-0924
6210 Fielder Eleanor C Mrs ◎ 281-2435
6217 Smith Edgar E ◎ 287-7666
6226 Grandberry Mary Mrs ◎ 287-2756
6235 Grogg Clarence F ◎ 284-2038
6236 Meyers Jerome M ◎ 282-8745
NE HOLMAN ST INTERSECTS
6321 Skorohodov Rosa Mrs ◎
6329 No Return
6332 Cornwell Richd ◎ 288-9786
6343 Townley Ralph R ◎ 284-3505
NE HIGHLAND ST INTERSECTS
6405 Harrison Robt E ◎ 284-2944
6413 Belita Josephine Mrs ◎
6423 Necoste Loretha ◎
6426★Depi John
6435★Tushannon Kesha 284-6836
6451 Seybold Raoul D ◎ 281-2968
NE PORTLAND BLVD CT INTERSECTS

174

NE MADRONA ST INTERSECTS
7003 Lancaster Andrew J ◎ 288-8994
7010 Larvey Susan
7012 Vacant
7014 No Return
7023 Vacant
7032★Ingersoll Kathy ◎ 289-8753
7035★Clayton Gladys ◎ 289-1772
7040 Spears David ◎
7043 Bartholomeu Leslie R
7048 Vacant
7059★Dyrhaug Lawrence C 289-1263
★Bell Cheryl-Ann 289-7050
7062★Hart Debbie 289-7807
7102 Lowe Saml L ◎ 288-4966
7111 Mundy Wm V ◎
7120 Thomas James S Jr ◎
7131 Johnson Gustaf A ◎ 289-8291
7136 Green Annie S Mrs ◎ 289-1019
7143 Dalton Eva 283-4913
7200 Johnson Wm A ◎ 285-9472
7203 Judkins Michl D 289-8024
7214 Green Shirley Mrs ◎
7215 Bailey Shelton ◎ 285-2312
7222★Waddell Robt J 283-5027
7225 Brosseau Albert L ◎ 285-3412
7234 Dean Wm F 283-4732
7245★Ingersoll Denise 285-0854
7246 Lowe Wesley A 283-2845
NE HOLLAND ST INTERSECTS

922

9TH AV NW —FROM 901 W BURNSIDE ST NORTH

ZIP CODE 97209
7 City Center Body & Paint Shop body repr 226-4853
15 City Center Parking Inc
31 Oregon Printing Plates Inc 227-0531
34 Apcos Car Parking 223-4649
NW COUCH ST INTERSECTS
102 Trade Litho Inc 228-8458
108 Graphic Arts Building Rooms
200 Platt Lithograph Co Inc 227-0448
202 Turner Lew A photog & coml artist 227-4047
206 Oregon Voter Digest publication 222-9794
302 Bloch Adolph L Advertising Agency 227-5664
305 Ishod Arts Inc graphic art studio 227-5664
306 Vacant
307 Vacant
STREET CONTINUED
112 Vacant
120 Binfords & Mort Building Rooms
208 Portland Typographical Credit Union 222-5377
209 Updike & Johnson Inc typesetting mach composition 227-1475
211 Vacant
213 Vacant
216 Craftsman Lithoplate Inc lithographic trade shop 228-4018
221 Erickson Karl E coml artist 222-1452
STREET CONTINUED
124 Schultz-Wack-Weir Inc prntr & litho 221-0050
Inter-Phase adv 221-0056
125 West Side Auto Service auto pntrs 228-3771
136 Fuller's Coffee Shop Inc 228-8095
NW DAVIS ST INTERSECTS
223 Cellocraft Bag Co plastic bag mfrs 222-9243
NW EVERETT ST INTERSECTS
315 Surgical Sales Inc 228-6438
316 Industria L Gasket Co (Whse)
321 Vacant
337 Vacant
338 Peter's Office Supply Co 228-6357
NW FLANDERS ST INTERSECTS
403 Northwest Hotel Supply Co 224-3420
410 Wong Paul 223-1918
420 All Metal Fabricators sht mtl 222-5850
431 A S E Supply Inc automobile parts & serv 228-7551
NW GLISAN ST INTERSECTS
510 Northwest Bookbinding Co Inc 228-6113
NW HOYT ST INTERSECTS
NW IRVING ST INTERSECTS
NW JOHNSON ST INTERSECTS
NW LOVEJOY ST INTERSECTS
1105 Burlington Northern Inc (Locomotive Dept) 221-1300
1300 Portland Terminal Railroad Co 227-3355

938

9TH AV SE —FROM 901 E BURNSIDE ST SOUTH

ZIP CODE 97214
14 Shannon Apartments 232-1749
A★Thomas Irene 236-0130
B★Larimer Patricia E
C Bowlby Geo W 236-0506
D★Hufford Ronald
E★Bailey Marie 233-7917
F★Fong David
G★Crosby Velma
H Shalkowsky Fay
I★Billy Edw
J★Meek Chalres A
K Manseau Hilda
L★Reneau Evelyn
SE ANKENY ST INTERSECTS
103a Ilik Serena
103b★Anderson Barbara K 235-9460
105a★Goble Ernest
105b★Schultze Rudy D 233-4251
107a Vacant
107b Harper Dixie L 234-4450
109a★Shindler Jamie 235-5486
109b★Bozanich T M 233-8272
115 Advance Business Systems Inc copy machs 235-8394
123 Day Hazel C Mrs 235-5670
SE ASH ST INTERSECTS
215 Church Of Antioch
Centenary Wilbur United Methodist Church 235-3087
Portland Scribe 235-2135
Ninth Street Exit Coffee House recreation facility 232-0634
SE SANDY BLVD INTERSECTS
SE PINE ST INTERSECTS
425 New Era Equipment Co indry equip 233-4634
United Pacific Control's Inc mfr elec control sys controls 232-6136
432 Transmission Exchange Co 234-0768
SE STARK ST INTERSECTS
523 Dickensheets-Potter Co food brokers 234-6467
526 Vacant
SE WASHINGTON ST INTERSECTS
606 State Grain Insp Div 238-8368
SE ALDER ST INTERSECTS
725 Botsford & Goodfellow Inc 233-4692
730 Genuine Parts Co 233-2533
733 Distributors Warehouse
777 Columbia Sales Co restr equip 236-0121

936

SE MORRISON ST INTERSECTS
SE BELMONT ST INTERSECTS
930 Livesley Phil A Co Inc whol produce 234-6451
SE YAMHILL ST INTERSECTS
1002 Vacant
1003 Vacant
1035 Western Machinery Corp 233-5601
SE TAYLOR ST INTERSECTS
SE SALMON ST INTERSECTS
1240 Senter Tool Service Inc mfrs 232-4115
SE MAIN ST INTERSECTS
1315 Power Rebuilt Products Co 233-1141
1325 Bar Supply Brokerage Inc 233-7146
1340 Custom Stamping & Mfg Co 234-0626
East Side Tool & Die Co 234-0626

240

SE HAWTHORNE BLVD INTERSECTS
1605 Conroy R W Co (Shipping Dept) 234-0268
1510 Union Gospel Mission 235-5678
Youth Center (Union Gospel Mission) 235-3441
STREET CONTINUED
1535 Billings & Cronn Co plstr contr 235-2131
Ceiling Systems Inc acoustical contr 234-9515
Triple C Construction Co bldg contrs 235-2131
SE CLAY ST INTERSECTS
SE MARKET ST INTERSECTS
1733 American Federation Govt Empe Union 1188 organ
Battleship Oregon Post & Aux No 1478 (VFW)
Brotherhood Railway Carmen Of America No 932
Duds & Dolls Square Dancing School
Federation Of Veterans Council
Gambolaires Pup Tent No 21
Multnomah County Council (V F W)
Northwest Callers Assn misc org
Omaha Wooden Beaver Grove No 6049 (VFW)
Oregon Rose Royal Neighbors No 1881 meets
Police Auxiliary Post 2807
Police Post 2807
Portland Organic Gardening Club
Portland Pup Tent Post (M O C No 1)
Post No 907 Auxiliary (VFW)
Post No 907 (VFW)
United Transportation Union No 1860
World War Post Memorial Building
SE MILL ST INTERSECTS
1821 Gleason Marie C ◎ 235-2739
ZIP CODE 97222
1835 Palmer Printing Co 235-2926
SE STEPHENS ST INTERSECTS
1926 Sullivan Wrecking Co used bldg supplies 232-3442
SE HARRISON ST INTERSECTS
2014 United Industrial Electric Inc elec mtr repr 232-6141
2029 Interstate Brass Foundry Inc 234-4211
2035 Turgeon Regina 234-2305
2037★Peterson Janice C 235-2328

933

SE LINCOLN ST INTERSECTS
2105 Western Engineers Inc refgrs 235-3193
SE GRANT ST INTERSECTS
SE SHERMAN ST INTERSECTS
2305 Coca Cola U-S-A (Whse) 235-1749
Clarke Electronic Co telev parts mfrs 236-4116
2314 Steel Fabricators Inc 236-9141
2336 Willamette Pattern Works Inc 232-0793
2337 Scott Edna Mrs ◎ 235-1653
SE CARUTHERS ST INTERSECTS
2416★Hansen Christine M
★Steigelman Michl
2422 Bocci Rose Mrs ◎ 236-9024
SP CO TRACKS CROSS
SE DIVISION ST INTERSECTS
SE DIVISION PL INTERSECTS
SE TAGGART ST INTERSECTS
2801 Bean Johnny Machinery Co sls woodwork 234-8481
2808 Crown Manufacturing Co aluminum awnings 234-6513
2346513 Irwin-Hodson Metal & Crown Manufacturing Corp 234-1761
2838 Irwin-Hodson Co The prntrs & lithographers 236-1161
2855 Pacific Northwest Bell (Record Center) 224-6261

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SE POWELL BLVD INTERSECTS
3004 Tanner Bonnie ◎
3006★Richardson Michl
3007 Brewer Gerald
3013 Hopkins Frances Mrs
3014★Myer Suzanne 232-0232
★Danton John T 232-5745
3019 Candelo Nino G ◎
3022★Fox E W 236-5401
3024 Vacant
3025 Thompson Nancy F Mrs ◎ 235-2063
3034 Nielson A
3035 Grimes Mark ◎ 234-4143
3043★Raisz John M 236-5375
3044 Snarr Carrolle Jr ◎
Layden Kent 233-7448
3112 Apartments
1 Fleming Dan 232-1461
2★Johns E M
3 Windsor Merl L 232-7830
4★Shushan M
5★Ziegler Kath 235-9382
6 Kruger Robt R 233-2897
7 Vacant
8 Vacant
3115 Vacant
3122 Sullivan Arth G 236-4738
3123★Cannon Joseph T ◎ 236-1719
3129 No Return
3205 Hansen Lois B ◎ 235-4504
3212 Teresa Jean Apartments
1★Chesser Dan
2★Moody Alean 236-6139
3★Turley Gary
4★Wetszel Wm
5★Robinson Mark 232-0893
6★Murray Lue
7★Gallagher Timothy L 233-1908
8★Mc Grew Jeanne A
9★Prosch Stu
10★Currie Charles 232-6460
11★Crone Theresa 232-4470
12★Zimmerman Ronald
3213 Mc Clintock Goldia Mrs
3214 Vacant
3223 El-Kadi Solaiman 234-5600
3224★Erickson Robt A ◎ 235-9059
3225★Crawford Rita 234-6775
3227 Elerton Cora
3229 Johnson Carl H 233-9429
Rajah P 236-7432
SE FRANKLIN ST INTERSECTS
3318 Carrier Richd M 232-5287
3324 Henderson J Mrs ◎ 232-1667
3332★Frisz John 232-1099
3333★Hunt Steve L 232-9411
3334★Stott Elorin G 238-1833
3336 Apartments
1★Hampton Floyd
2★Gibbs K A
3 Moon Thelma Mrs
4 Vacant
5 Glander Danl D 234-7058
6★Bekeun Lonnie
3343 Vacant
3358 Theiler Edmund J ◎ 235-2784
3376 Grapperhaus Dale J ◎ 232-7376
3380 Wachsmuth Eliz J Mrs ◎ 232-8873
3385 Vacant
3387★Kiesling Charles K 232-7836
3395★Tosti Sam J Jr 232-6800
3405 Heath H W ◎ 236-7126
3406 Berardinelli Lud A ◎ 236-2509
3415★Johnson Alvin E Jr 232-6599
3415a★Rochette Ed
3416★Irish La Verne Mrs
3428 Lear Joseph D ◎ 235-3014
3433 Kleffner Leo H ◎ 235-7935
3438 No Return
3441 Reif Veronica M Mrs 232-9995
3444 Simpson Agnes D 234-2247
3449★Dunham Ray C ◎ 234-8041
SE RHINE ST INTERSECTS
3506 Stremich Anna M Mrs ◎ 236-3786
3511★Lane Jeff L 235-3966
3512 Apartments
A Giandomenico Warren 238-0590
B★Davis Thos 233-0364
C★James Richd G
D★Westcott Evelyn S 236-8654
3515★Carder Charles G 232-2594
3517 Giesler Albert L 233-0376
3520 Apartments
A Urbano Barbara Mrs 238-0614
B★Christensen Robt L
C★Wight David
D Lux B 238-0269
3525 Best Fence Co 233-8041
Pine Donald A ◎ 233-8041
3603★Brown Rene C Mrs 232-2437
3604 Vacant
3605★Whitney Kenneth D 235-4988
3613 Vacant
3614★Alexander S K 236-7329
3615 Fuhrman John N 233-0772
3623 Pierson Harvey P ◎ 236-9787
SE RHONE ST INTERSECTS
3708★Barlos Geo R 232-5043
3712★Rupp D L 286-4050
3724 Quincy Louis M ◎ 235-4585
3725 Friedhoff Joseph G ◎ 234-2576
3734 Sericko Lena R ◎
3735 Nakoff Chris B ◎ 232-6664
3743 Vacant
3748 Yost Donald
3756 Reinke Irvin G ◎ 234-4903
3757 Meagher Stella M ◎ 232-8970
3763 Barron John
3764 Panichello Sam G ◎
3775★Guimont Allen W 232-6909
SE BUSH ST INTERSECTS
3801 Hodapp Florentine E ◎ 232-1773
3817 Reverman Frank J ◎ 232-8050
3818 Tibbits Alice M Mrs ◎ 236-0807
3828 Buzzelli Dominick L ◎
3829 Kurth Edwin G ◎ 236-4852
3904 Wettengel John F ◎ 234-2596
3907★Kurihara Frank H ◎ 234-9062
3914 Anderle Rose A Mrs ◎ 236-1539
3923 Wilke Frank A ◎ 232-1805
3924 Carruthers Lawrence D ◎ 233-6819
SE CENTER ST INTERSECTS
4004 Waterworth Ted V ◎ 234-9109
4014★Teidl Ludmilla Mrs ◎ 235-0628
4017 Compton Richd N ◎ 232-5720
4023 Beachell Dennis K ◎ 233-2393
4030 Kindrick Larry J ◎ 233-3935
4105 Hite James pntg contrs 233-9740
4110★Neal Alvin O 232-8377
4115★Stone E L 236-1587
4125 Schwerdt Joseph E ◎ 232-1676
SE BOISE ST INTERSECTS
4203 Robinson Clifford L ◎
4208 Schoepp Lee A ◎ 235-4271
4215 Emig Alf B ◎ 232-3915
4222 Ruffner Goldie Mrs ◎ 234-2795
4225★Anderson J S 233-6916
4237 Vacant
4249 Vacant
SE CORA ST INTERSECTS
4328 Elvrum Emil V ◎ 236-1374
4340 Glenn Roxy M Mrs ◎ 236-3108
SE MALL ST INTERSECTS
SE MC LOUGHLIN BLVD INTERSECTS

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SE SELLWOOD BLVD INTERSECTS
SE REX ST INTERSECTS
7633 Heater Wm E ◎ 236-4810
7636★Ball Peter G ◎ 233-9012
SE MALDEN ST INTERSECTS
7704 Cutone Michl T ◎ 232-8280
SE LAMBERT ST INTERSECTS
7826★Earl Stanley W Mrs ◎ 236-2217
SE BIDWELL ST INTERSECTS
7866★Milner Larry 236-1797
7867★Eggleston Dan 232-1091
7875 Szeimies Emma Mrs ◎ 236-2096
7885 Earhart Michl P ◎ 233-0015
SE LEXINGTON ST INTERSECTS
7925★Carson Lloyd E 236-7510
7930 Lewis Pauline L Mrs ◎ 232-2711
7935★Plaster Steve 232-2835
SE MILLER ST INTERSECTS
7953 Turner Lois C Mrs ◎ 236-4364
7961 Tarrants Kano M Mrs ◎
7971★Beach Bill ◎
SE NEHALEM ST INTERSECTS
8007★Weir Terry J
8013 George Richd D 235-4334
8014 Peters Philip M 236-5887

SE ALDER ST 1975

SE ALDER ST—Contd
420 Burns Bros Inc (Whse) 234-7393

938
SE GRAND AV INTERSECTS
514 Vacant
537 Rose A J & Son Inc funeral dirs 232-6121
SE 6TH AV INTERSECTS
615 Hay Loft The square dance club 232-1447
American Federation Of Grain Millers Local 61 236-0530
International Woodworkers Of America Local 3-3 232-2352
Portland Dance Center 234-5000
Zeta Epsilon Fraternity 234-5391
618 Portland Police Athletic Assn 234-1142
622 Vacant
SE 7TH AV INTERSECTS
SE 8TH AV INTERSECTS
801 Mitchell Lewis & Staver agrl implts 233-4921
808 Roberti's House Of Wines whol 234-7551
820 Distributers Warehouse 234-5084
SE 9TH AV INTERSECTS

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SE 10TH AV INTERSECTS
SE 11TH AV INTERSECTS
1110 Mc Faddin Lutton & Johansen bldg management 233-6131
Elmer Fox & Co acct 233-6131
Portland Metropolitan Steering Committee admn ofc mult co comm act agcy 233-6541
Worthington Pump And Compressor Inc 232-1158
SE 12TH AV INTERSECTS
SE 14TH AV INTERSECTS
1403 Neal Wm O ◎ 232-9961
1409 Palmer Larance M ◎ 235-7426
1415★Brown Chris 235-0875
1427 Vacant
1435 Apartments
1 Thompson Allen 235-3477
2 Kirk G
3 Vacant
5 Wickizer D
6 Vacant

182
SE 15TH AV INTERSECTS
1507 Moore Laurie 235-0453
1516★Azulay Naomi L
1518★Langnese Pam Mrs 232-7366
1522★Bigelow Anita
1524★Fitzpatrick Matt 235-8032
1535★Barnhardt James A 236-2494
SE 16TH AV INTERSECTS
1618 Athay Michl 232-6021
1626 Apartments
1★Morrison Mike
2 Peterson Clara
3★Tweedie Bruce A
4★Grove Andrew 234-6053
5★Ashauer Peter
7★Hawkey Barry
SE 17TH AV INTERSECTS
1714★Lovegrow Gordon
1716 Hellstein Carroll J
1718 Mielke Lynn 236-0608
1720★Kramer Chas D 236-8096
1722★White C J 233-7911
1725 Anderson Carl A ◎ 235-0509
1726 Vacant
1728★Herrick John
1732★Sawhney V K
1734 Fitzgerald J E 236-8996
1736 Roberts Frank
1738★Gibson Marlene Mrs
SE 18TH AV INTERSECTS
1804 Shenk Ruth H Mrs
1805★Merriman Patricia 236-0498
1806 Williams Florence E Mrs ◎
1815 Catabay Leo C ◎ 236-9098
1816 Strange Josephine Mrs ◎ 232-7472
1823 Mellis Maryann F ◎ 236-0903
1826 Kiesel K E ◎ 232-4249
1833 Kreutz Randall W ◎ 232-5386
SE 19TH AV INTERSECTS
1904★Sevelle Geo 238-0200
1915 Betts Sam 236-0787
1916 Timusk Elsa 232-9895
1924 Carlson Larry D 235-1795
1925 Apartments
1 Vacant
2★Bobair Marcus J 235-9219
3★Fisher Charlotte 235-1027
4 Gudmestad Julie
5 Vacant
1926 Vacant

224
SE 26TH AV INTERSECTS
SE 27TH AV INTERSECTS
2700 Alderwood Apts
2702 Anderson
2704★Smith Bill 234-5677
2706 Gaines David L 233-1992
2708 Stankus Robt 236-7892
2710 Pairon Richd
2712★Gee Tom
2714 Burns James
2716★Jesson Lawrence
2718★Earl Fred
2720★Schmidt Debora
2727 Alcoholic Rehabilitation Assn 234-4039
SE 28TH AV INTERSECTS
2824 Kerr Wm B ◎ 232-1578
SE 29TH AV INTERSECTS
2905★Duff Kath L 235-2828
2909★Broderick Wm 233-2316
2911 Martin Anne L 235-5090
2915 Hammaker Irene M 234-5670
2921 Apartments
1 Vacant
2 Pence Kate B Mrs 236-2296
3★Williams Agnes
4 Vacant
5 Won N
6★Wood Lee A 235-7491
2924 Mc Clelland Thos E 234-4066
2934 Alder Crest Apartments
1 Conroy Bart
2 Zeller Wm
3 Vacant
4 Tatro Edw 232-9284
5★Doud Stanley W 236-6971
6 Bretonell Sylvia S 232-4991
7★Manousos Michl
8★Harris Alda
9★Spurueon Raymond
10 Stilwill Clara Mrs 236-1901
11 Tringali John
12★Strememan Edna M
14★Vining Curtis V
15 Vacant
16★Dougherty James 235-0854
17 Hansen Wm L 234-7959
18★Villareal Jose
19 Read L
20 Wolf Agnes E 236-7301
21★Rowe Karen
22★Kingham Rodney Jr
2943 Laureiwood Apartments 236-4649
1 Pinnon Patricia C 236-7211
2 Vacant
3 Jack Hildred I 236-8078
4 Vacant
5 Johnson Monna
6 Vacant
7★Nesland Alma 236-4649
8 Vacant
9★Gale Cynthia
10★Crabhill Viola Mrs
11★Miles Nola M 233-1636
12★Hofferber Leonard
14 Vacant
15★Cornyn John 235-7526
16★Gronroos Willard A 234-5922
17★Palen Carrie 235-1025
18★Wells Jerri
19★Snow Edna
20 Vacant
21★Smith Stanley D 236-7666
22★Hamifen Hugh P
23 Cleary Kathleen Mrs
24★Shauer Tad

186
SE 30TH AV INTERSECTS
3006 Anderson Dorothy
3010 Gregg Elden M 236-5208
3027 Bertolotto Hugh ◎ 236-8239
3033 Lytle Richd D 236-8893
3039 Kaiser Hugo C ◎ 232-6222
3051 Pentecost Lawerence A ◎ 233-0662
3059 Briles Chateau apts
1★Bowman Sharon
2 Okimoto Donna 235-4261
3 Vacant
4 Reyes Sande J Mrs 235-5817
5★Hoots C Brad
6★Campbell Barbara A Mrs 235-2653
7★Roberts Thos
8 Parker Michl S
SE ALDER CT INTERSECTS
SE 32D AV INTERSECTS
3203★Burke Merdith A Mrs
3209 Meier Sylvester J ◎ 232-6291
3215 Mc Ginnis Melvin O ◎ 236-7669
3224 Vacant
3231 Carlson Elmer F ◎ 232-9715
3236 Apartments
Vacant
3237 Vacant
3243 Heintz Cheryl
3253 Vacant
SE 33D AV INTERSECTS
3317 Jones Richd O 232-6827
3323★Nelson P A 232-4020
3334 Carnation Co (Auto Repr Dept) 232-2131
3337 Greenway W ◎ 233-0115
SE 34TH AV INTERSECTS
3422 Standard Printing & Ofc Sup (Camera Dept)
3423 Allen Virginia P Mrs ◎
3435 Under Constn
3443 Under Constn
3449 Under Constn
3450 Standard Printing & Office Supply (Printing Dept) 234-9805
SE 35TH AV INTERSECTS
3504 Vacant
3510 Dennis Harry K ◎ 234-8345
3511 Storrs Lair 232-3775
Rothell Eug 235-0256
3516 Thornburg Thos M 234-9462
3517 Wyant Ralph W ◎ 234-1110
3525 Vacant
3528 Kerr Fred J ◎ 235-5553
3535 Wallen John W ◎ 234-1964
3536 Schneider Wilhelm ◎ 234-1036
3545★Wolfe Louis 234-0070
3548 Letterman Ellen A Mrs ◎
3553 Brown Robt L 234-8516
3554 Rasmussen Guy L ◎ 232-0567
3555 Leahey Marguerite C Mrs 234-6773
SE 36TH AV INTERSECTS
3602★Dillon Mark
Walker Ernie ◎
3603 Gulash Ruth Mrs 236-5787
3612 Wilson Gerry Mrs 235-0335
3615 Harrison Helen E Mrs ◎ 235-3681
3616 Hrynko Wasyl ◎ 234-2515
3623 Jarvis Richd 233-2306
3624 Vacant
3625★Turnquist Helen Y 236-2459
3634 Cowan John ◎ 232-1567
3635 Rasmussen Freida Mrs ◎ 236-7909
3640 Marquez Eleanor Mrs ◎
3641 Carr Irene Mrs ◎ 232-8856
3652 Ketels John F ◎ 236-1359
SE 37TH AV INTERSECTS
3702 Beguhl Alice V Mrs ◎ 234-5564
3705 Maxwell Dennis 233-0825
3710 Vacant
3711★Nabvie Cyd 235-9251
3714 Hannigan Francis A ◎ 236-6235
3717★Monahan Pat W 232-6049
3722 Schmid Beverly J 234-7187
3727 Vacant
3730 Garvin Claude L ◎ 232-1344
3733★Mannon Steph M ◎
3739 Vacant
3740 Baker Marcella E Mrs 236-8530
3747 Santana Geo ◎ 233-4273
3748 Pendleton E Gay Mrs ◎ 234-4064
3752 Weber Ernest M ◎ 235-0815
3757★Morris Julia
SE 38TH AV INTERSECTS
3805 Dutson Richd L ◎ 232-0895
★Thorpe Lester M 234-1244
3814 Drake Clarence J ◎ 236-5002
3815 Speece Roger R 232-1028
3820 Johnston Clare P 236-4351
3825 Vacant
3826 Vacant
3834 No Return
3840 Thacker Lottie B Mrs ◎ 236-6467
3846★Daoust B A ◎ 236-5329

188
SE 41ST AV INTERSECTS
4103 Makinson Hester Mrs ◎ 235-1591
4105 Smith E Belle Mrs 236-1679
4124 Claremont Apartments
1 Gollon Edw L 235-1375
2★Hollopeter Ida Mrs 232-4873
3 Brown Jessie Mrs 235-0150
4★Perkins Mel 236-5050
ZIP CODE 97215
SE 42D AV INTERSECTS
4211 Savage Murray J 233-7093
4215 West Jerry L 233-2980
4216 King Reed A 232-4212
4224★Myers Charles R ◎ 232-2393
4233★Cinque Ralph C 234-1731
4234 Van Atta Kenneth H ◎ 236-8167
4242 Tubbs Don K ◎ 235-0317
4243 Johnson Russell B ◎ 232-2728
4250 Jorgensen Rose A Mrs ◎ 236-9009
4251 Brazie Gladys ◎ 236-4704
4261 Worden Clara E Mrs ◎ 232-2087
4264★Gaps R S 232-9751
SE 43D AV INTERSECTS
4305 Thistle Russell H ◎ 235-0202
4316 Collins Robt E ◎ 234-7039
4323 Vrooman Peter N ◎ 236-9286
4404 Sharlock Robt R ◎ 236-3209
4405★Miller K K 234-4784
4407★Mc Coy Lucille 233-2238
4411 Stopper Betty G Mrs ◎ 236-0961

190
SE 45TH AV INTERSECTS
4509 Peragine Johnny J ◎ 234-3123
4511 Peragine Vito 233-1394

192
SE 53D AV INTERSECTS
SE 55TH AV INTERSECTS
5540 Lawrence Emily B Mrs ◎ 236-7166
5605 Oakes James A C ◎ 232-4585
5610 Salvisburg Verl E ◎ 236-4278
5623 Lancaster Douglas G ◎ 234-4934
5711 Mount Tabor Metal Products mtl products whol 235-3772
Haus Albert P ◎ 235-3772
SE 58TH AV INTERSECTS
6220★Gordon Marion E 234-4611
6222 Vacant
6235 Ruscelli Geo
6241 Moran Wm S ◎ 234-7676

194
SE 71ST AV INTERSECTS
7107 Miller Mabel C Mrs ◎ 253-6858
7115 Bissonnette Florence ◎ 253-8300
7126 Reilly Edw S ◎ 253-3626
7150 Berlage Carl ◎ 254-7680
SE 72D AV INTERSECTS
7220 Farrelly Donald J ◎ 255-0344
7223 Pullen Edw R ◎ 253-8246
7233 Green Kenneth F ◎
SE 73D AV INTERSECTS
7303 Funatake Rose M Mrs ◎ 254-1040
7320 Lofgren Edw C ◎ 255-2907
7328 Forestel Jeff janitorial service 253-2667
7333 Kum Stanley L ◎ 253-7000
SE 74TH AV INTERSECTS
7407 Seifert Elmer L ◎ 252-7914
7408 Rudin Remy Rev 253-8305

196
SE 76TH AV INTERSECTS
7606 Adkisson Raymond ◎ 253-0660
7607 Hatfield Gary R 255-6396
7616 Welk Dorothy 254-5805
7617 Denfeld Annabelle Mrs ◎ 253-5131
7626 Woltring Joseph W ◎ 253-3580
7631 No Return
7634 Bruders Larry G ◎ 256-0721
7641★Borg Margt 252-6198
7643 Shipp M Bard ◎ 254-4116
7644 Zimmerman Marguerite H Mrs ◎ 254-6711
7706 Davis Mathilda ◎ 253-3135
7707 Culbertson James E ◎ 254-6786
7712★Wakeland Wayne W 253-7740
7733 Yates James W ◎ 252-0491
SE 78TH AV INTERSECTS
7806 Caputo Thomas M ◎ 252-0530
7816 Merriott Earl T 255-7127
7824★Swan Roy 255-8691
7825 Yates Esther H Mrs ◎ 254-8393
7835 Toenjes Ella I Mrs ◎ 253-8549
7836 Lopez Joaquin J ◎ 255-5411
7902 Butler Thos W ◎ 254-7627
7905 Vacant
7912 Fox Edna E Mrs ◎ 254-3780
7915★Ramsey Joan W
7925 Byrd Wm F ◎ 252-1980
7934 Vacant
7935 Holmes Norman S ◎ 255-7765
SE 80TH AV INTERSECTS
8003 Alderwood Apts
★Remster James 254-7864
8005 Allison Robt 254-5143
8007 Kuroye Geo
8008 Wishart Agnes Mrs ◎ 254-4170
8015★Wilkes Terry A 254-0673
8017 Michaels Robt G 254-5866
8019 Mason Georgia I Mrs 256-2399
8021 Kaake Pauline T 255-6945
8023★Soderlind Joseph A 254-3300
8025 Mc Arthur David 254-0546
8026★Menchu German A 256-2940
8031 Paladie Geo J 252-6714
8032 Borg Eug O 255-1235
8033 Sullivan W B 253-2356
8035★Dirks Don 253-3438
8042 Antrosio Lee T ◎ 253-1363
SE 81ST AV INTERSECTS
8104 Sumerlin A M ◎
8105 Sermiotti Kath M Mrs ◎ 252-5347

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ZIP CODE 97216
SE 82D AV INTERSECTS
8303 Howard Roy L ◎
8304 Lee Beulah Mrs ◎ 254-2172
8314 Hamann Roy R ◎ 252-4133
8319 Gaetz Raymond J 252-3783
8321 Finicum Clara M Mrs ◎ 252-6616
8322 No Return
8323★Wassemiller Aaron S ◎
SE 84TH AV INTERSECTS
8405 Louie Fook W ◎
8412 Eckstein Leda M Mrs ◎ 252-9236
8420 Crawford Robt L ◎ 252-0564
8421 Hahn Wilford L ◎
8427 Vacant
8427a Hood L L 253-3302
8432★Baker Daniel 253-4407
8440 Blair Irene M ◎ 252-7347
8443★Baker Dennis L
SE 85TH AV INTERSECTS
8500 Countryman Ada ◎ 252-2569
8501 Shold Paul E ◎ 252-7649
8508 Kylmanen Ray J ◎
8511 Adair Ernie J ◎ 252-5010
8516★Nelson David B ◎ 252-8402
8521 Widness M M 255-6155
8529 Sumida Nobi ◎ 253-9235
8538 Akamatsu James T ◎ 252-6249
8539 Devlin Randy C ◎ 255-8889
SE 86TH AV INTERSECTS
8615 Robinson Everett C ◎ 256-3373
8625 Jones Alvert J ◎ 253-1748
8628 Brink John D ◎ 255-2921
8637 Rounds Gregory ◎ 252-7197
8647 Kenney Virginia Mrs ◎ 254-7149
8650★Reidel Stan 248-4465
8705 Stratton Phillip S ◎
8708 Reinhart Richd L ◎ 253-6420
8719 Norton Maggie E Mrs ◎ 254-4416
8722 Skavarl Vincent R ◎ 254-6252
8729★Olney Jay K 253-0313
8730 Embree Gary T 254-8077
8739 Souther Wm E ◎ 255-2920
SE 88TH AV INTERSECTS
8804 Windsor Henry G Jr ◎
8807 Master Garland P ◎ 255-3267
8814 Kirchner Leslie ◎ 253-7255
8817★Lunninger Larry W 253-5752
8824 Hazle Helen Mrs ◎
8827 Freinwald Herbert R ◎ 254-2657
8834 Warneke Glenn C ◎ 255-6826
8837 Williams Phillip 252-6301
8903 Woods Wesley E 256-4709
8904 Haddan Gladys ◎ 255-8161
8913 De Vore Lynn ◎ 254-6730
8914★Valdes Michael D 255-9759
8923 Vacant
8924 Leisy Lucy D Mrs ◎ 254-1906
SE 90TH AV INTERSECTS
9004★Crawford Judy 252-8941
9011 Zimmerman A L ◎ 255-4564
9018 Soihl Wm D ◎ 252-9024
9028★Weit Ramsey W 253-4973
9038 Spencer Edwin C ◎ 254-3354
9039 Wemple Gordon W ◎ 253-0684
9045 Larrance Wylander A ◎ 254-8552
9048 Palo Richd W ◎ 254-2176
9104 Buckley Mary C Mrs ◎ 254-6655
9105 Kraus Gene W
9114 Jenkins Myrle A Mrs ◎ 254-6109
9115 Bieri Elaine L ◎ 253-8979
9124 Nielsen John M ◎ 256-2233
9125 Vacant
9134 Mitchell Alex ◎ 252-0632

SE BELMONT ST 1975

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NE BEECH ST—Contd
NE 63D AV INTERSECTS
NE 64TH AV INTERSECTS
6414 Barger Harry B ◎ 284-7249
NE 65TH INTERSECTS
NE 66TH AV INTERSECTS
6609 Burns Robt C ◎ 284-0575
6610 Coates Michl R ◎ 281-7138
6633 Burns Henry L ◎ 281-2763
NE 67TH AV INTERSECTS

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NE 68TH AV INTERSECTS
NE 69TH AV INTERSECTS
NE 70TH AV INTERSECTS
7004 Vacant
7023 Mc Cartney Michl D ◎ 284-1506
7033 Post Jack E ◎ 284-0387
NE 71ST AV INTERSECTS
7105 Baxter Jean Mrs ◎ 287-8857

96

NE 75TH AV INTERSECTS
7421 Beck-Arnley Foriegn Car Parts accessories ret 288-5263
7626 Corbin Claudia J 284-8168
7634 Nelson Nance B 284-4580

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NE 78TH AV INTERSECTS
7830 Allan Gladys A Mrs ◎ 287-0466
7832 Copp J W 281-8677
NE 79TH AV INTERSECTS
7932 Poetz Charles L ◎ 287-9574
NE 80TH AV INTERSECTS
8025 Higgins Floyd 284-4135
8027★Clancy Dan
8030 Hobbs Gladys M Mrs ◎ 282-7011
NE 81ST AV INTERSECTS
8104 Huckstep Stella Mrs ◎ 288-3540
8105 Baldwin Ellena L Mrs 284-3623
8116★Johnson Ellis W 284-4829
8117 Mc Intyre Arth D ◎ 287-1093
8127★Smith Rena R ◎ 281-5107
8128 Linnenkamp Bryon K 281-9960
8129 Coen Milton 282-9951
8130 Ballis Van L 281-1814
★Noonan Laurie F 281-8722
8132★Ross Leonard 284-4442
8133 Fenzl Rose ◎

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NE 82D AV INTERSECTS
ZIP CODE 97220
8217 Vacant
8225 Powell Clifton L ◎ 254-0823
8226 Cullins Greg L 252-7112
8235 Saint James Fixture Co cabts 252-8216
8236 Schaffer Jacob W ◎ 253-1935
8246 Turkington Donald J Jr ◎ 254-6617
8249 Dobbie Ian 253-4613
Vacant
8301★Thompson Geo S 254-2347
Totten R Ray 235-9476
Sullivan Paul F 254-3883
8308 Vielmetti Marvin E ◎ 253-6447
8317 Mudge Stewart ◎ 254-2259
8325 Arnold Grover C 252-6275
8328 Hanson Alf H ◎ 254-2920
8346 Walthard Kenneth E ◎
8347 Mc Cabe Vern L ◎
8404 Boyt James T 255-6148
8407 Carpenter C T 253-7081
8414 No Return
8425 Dansie Ray ◎
NE 85TH AV INTERSECTS
8504 King David F ◎ 252-8270
8505 Saint Onge Joseph E ◎ 255-3796
8515 Guffey Kathleen I Mrs ◎ 253-6185
8524 Stauffer Ned P ◎ 252-4423
8525 Hermanson Elmo T ◎ 254-3960
8535 Lamoureaux Paul J ◎ 254-9829
8536 Harness Doug 256-1673
8540★Beal Michl J ◎ 253-2237
8545 Matthews Robt B ◎ 254-5312
8555 Hixson Floyd ◎ 256-0635
8556 King Darrell A ◎ 252-8605
8604 Dunn James W ◎ 254-3440
8605 Olson John A ◎ 254-5433
8619 Hill View Manor rest home 256-2151
8620 Hall Edgar L ◎ 254-5147
Rear Stanley Philip N 255-6807
8640 Dunn Dorothy R Mrs ◎ 253-7988
8641 Hill View Manor (Annex)
NE 87TH AV INTERSECTS
8710 Hume Raymond O ◎ 253-3259
8714 Toll Dale R ◎ 254-3791
8718★Melhorn Timothy ◎ 254-0244
8721 Hoover Ronald D ◎ 255-0521
8724 Floyd Paul H ◎ 253-4570
8731 Jaenicke Ralph ◎ 252-4817
8734 Barnard Jack F ◎ 252-6600
8741 Enfield Romer M ◎ 253-6417
8750 Hahn Maris M Mrs ◎ 254-3903
8751 Koscot Cosmetics 255-6465
St Matheison Ed L ◎ 253-2341
8761 Nielsen Lawrence A ◎ 254-3582
NE 88TH AV INTERSECTS
8825 Miller Donald P ◎
8835 Miller Dale A ◎
8840 Carter Myrtle M Mrs ◎
8845 Rogers Philip M ◎ 253-4124
8855 Loveland Roscoe J Jr ◎ 252-7558
8855½ Larson Elna I 252-8530
8860★Fisher James 252-8279
8865 Klug Wm C ◎ 253-7697
8906 Hoops Kenneth A ◎ 254-0660

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BELGRAVE AV NW (WILLAMETTE HEIGHTS)—FROM 2155 NW ASPEN AV NORTH

ZIP CODE 97210
2230 Mackenzie Thos R ◎ 222-1148

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BELKNAP AV N —FROM 3286 N TERRY ST NORTH

ZIP CODE 97217
7816 Koenig Charles M 289-9838
7819 Hinman Steph A ◎ 283-4256
7824 Fuller Nellie M Mrs ◎ 289-5076
7827 Vacant
7832 Miller John H ◎ 285-5350
7835 Kirtley Roy W ◎ 285-5773
7838 Vacant
7845★Flick Robt M ◎ 289-9752
7852 Vacant

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BELLEVUE AV NE —FROM NE 13TH AV AND NE PORTLAND BLVD NORTHWEST

ZIP CODE 97211
6505 Jackson Forrest V ◎ 287-9343
6506 Mc Conico W ◎ 282-0351
6514 Ford Ralph C ◎ 281-7122
NE LENORE ST INTERSECTS
6611 Vacant
NE DEAN ST INTERSECTS
6711★Fields Alzena ◎ 281-5152
6712 Batties Sylvester ◎ 287-6058
NE DEKUM ST INTERSECTS

174

NE WOODLAWN ST INTERSECTS
6971 Matthews Joseph L ◎ 283-4293
NE ONEONTA ST INTERSECTS

236

BELMONT ST SE —FROM THE RIVER EAST 1 SOUTH OF SE MORRISON ST

ZIP CODE 97214
SE WATER AV INTERSECTS
SE 1ST AV INTERSECTS
111 Northwestern Ice & Cold Storage Co (Belmont Plant) 232-3832
129 Goodwill Industries (Whse)
E 2D AV INTERSECTS
311 Industrial Printing & Advertising Co 232-7614
315 Magnolia Apartments 238-9330
2★Paul Duane 235-9632
3★Damen Joe
4 Murphy James
5 Norman Ray
6 Boyd Raz
7 Vacant
8 Gibson Kenneth
9 Workman Buren
10 Ryan Pat
11 Vacant
12★Rudick Olen
12a★Wasslope Robt
14★Wood Larry
15 Vacant
18 Burck James
19 Vacant
20 Vacant
21 Roach Geo
22★Smith Wm
23 Smith Harold
25★Ford James
26 Wilson Carl
27 Vacant
28 Vacant
29★Nelson Carl
31 Vacant
32★Eaton Joseph
33★Peterson Kenneth
37★Soupan Glen
38 Vacant
39 Vacant
40★Sembler Louis
41 Vacant
42 Vacant
43★Pichetti Geo
44 Frendesen Albert
45 Mc Nemar Carroll
46 Murphy John
47 Vacant
48 Vacant
49★Rand Leo
50★Mills Earl
51★Eubanks Victor
52★Wright Burby
54 Blachlenter Ed
55 Vacant
56 Vacant
57 Vacant
58 Vacant
59 Messnger Earl
60 Vacant
61★Frankie Victor
63 Vacant
64 Vacant
65 Vacant
67 Butt Wm
68★Garcia Jose
69 Vacant
70 Vacant
71 Vacant
72 Vacant
73★Dunn Harry
SE 3D AV INTERSECTS
SE UNION AV INTERSECTS

936

SE GRAND AV INTERSECTS
511 Junior Building
Rooms
201 Union Avenue Social Club (Ofc)
202 Jewett Agency The genl ins 234-6688
203 Bolliger-Weatherly Agency genl ins agcy 232-9141
Safeco Securities Inc mutual funds 234-6688
522 Harold's Auto Service 232-8304
532 Cole Raymond B Inc lighting equip 236-1996
534 C & S Auto Paint & Body Shop Inc 232-9822
SE 6TH AV INTERSECTS
600 Matchbox Motors auto repr 234-4744
630 Vacant
Ind Specialties (Stge)
SE 7TH AV INTERSECTS
700 Exhaust Specialties & Parts Inc 233-5432
707 System Engineering & Computer Services data processing 238-1020
SE 8TH AV INTERSECTS
810 Dutch Boy Paint whol 235-2191
826 Sea Sand Seafood ret 235-5431
835 Palm Abrasive & Tool Inc whol hdw 232-5176
SE 9TH AV INTERSECTS
904 Koop Industrial Handling Equip Co Inc sls & serv 234-8188
930 Vacant
935 Caruso Produce whol 232-1118
936 Vacant

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SE 10TH AV INTERSECTS
1016 Monte Carlo Restaurant 235-9171
1018 Collins Hazel M Mrs 236-6421
1020 Monte Carlo Restr (Stge)
1024 Monte Carlo Lounge cocktail lounge 236-3994
1030 Lido Restaurant 232-7766
SE 11TH AV INTERSECTS
SE 12TH AV INTERSECTS
1206 Olde Gas House The
1216 Treasures To Trifles antiques 235-0547
1224 Apartments
1★Collins Lynda
2★Rozek Harry 236-7954
3★Maxwell Wm
4★Bean James
1226 Lavack Susan
1232 Wilshire Todd 235-0547
1235 Lease Northwest auto & truck 234-7201
SE 13TH AV INTERSECTS
1305 Jacobson Omer T consulting eng 236-5334
1313 Apartments
1a★Stevens Debbie
1b Chaffin Carolyn A 236-5156
2a No Return
2b★Hall Cheryl
3a Perry Albert
3b★Daniels C
1316★Richter Edwina M 232-5305
1323 Berry Ann M 233-3964
1335 Apartments
SE 14TH AV INTERSECTS
1405 Wellesley Court Annex 235-6987
61 Braucher Florence 232-6345
62 Vacant
63★Farrest S J 232-6878
64★Barich A 235-3600
65 Sparks Rex E
66 Wheeler Betty B 235-8088
67 Miller Mary E Mrs 236-6953
68 Vacant
1407 P A C T Southeast Senior Services Center 233-5426
1410 Duke Of York Apartments
Bamt★Kern Ronald
101★Miladi A L
102 Waldron Geo
103 Sullivan J C
104★Stellman R
105★Bambi Oreske
106 Dunsworth Naomi Mrs
107 Huber Henry
108 Vacant
109★Payne Wm A
110★Sharp Jean
111★Roeyer Kurt 232-5812
112★Ross Ike
201★Kreps Marvin 233-3970
202★Martin Dale
203★Edlund Henry A 235-3388
204★Sun R
205 Searls Jay D 234-4514
206★Hardaway Searls
207★Mc Quarrie Dan 236-6144
208 Garnek John 233-1008
209★Godon Roger L
210 Klippenstien Clarence A 235-4350
211★Adana Robt
212 Daily John 235-5189
301★Lapeyre B
302★Miller J
303★Roberts James
304 Vacant
305★Wilson Jay
306★Porco Carl 233-8072
307 Razor Orville
308 Beach W J 232-8247
309 Vacant
310★Benniston F W
311 Vacant
312 Vacant
STREET CONTINUED
1422★Lindsey Leroy 233-6814
SE 15TH AV INTERSECTS
1503★Stewart James E
1506★Eggiman Ed B 236-6744
1509★Bushaw J H 232-4437
1514 Hamlett Walter G ◎ 232-0084
1517 Landers Jesse C 236-2380
1522 Vacant
1524★Hillesland G 234-7779
1525★Schlitt Steven C 234-4908
1535 Kallimanis Theoni Mrs ◎ 235-7436

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SE 16TH AV INTERSECTS
1604 Berg J Albert 234-5658
1611 Pembrooke Apertments 235-9079
101 Larson Ben T 235-0570
102 Drewniak Dorothy
103★Falkenstein E
104 Vacant
201 Roger Josie
202 Borden Julie 235-0154
203 Sherman Roberta 233-1725
204★Sherman J R
205 Anderson Gupton
206 Gass Jerome
301 Vacant
302★Heizman H
303 Thomas James M 232-8795
304★Henderson J
305 Lutkemier Amelia
306 Burtis Eliz 238-0331
STREET CONTINUED
1618★Ayers Carol
1625 Brand Sheri 234-5149
1626★Calhoun Robt
1627 Vacant
SE 17TH AV INTERSECTS
1704★Hogkins Chris
1706★Lee Forrest
1710 Pade Fredk A 234-4275
1716 Barnette Robt M 236-5510
1718 Torgerson Olga A Mrs 232-9866
Canterbury Frank A 236-1071
1728★Gault Jesse C 238-0589
★Tetrick Todd L 232-9603
1734 Regan Terry 234-6185
Peterson Marjorie M nurse
1742★Russell Carey 238-5940
SE 18TH AV INTERSECTS
1808 A I S E P organization misc 248-4555
1818 Lovely Geo
Green Claire H Mrs 233-8152
1875 Matteson Glenn Co Inc pharmaceutical prod 234-7391
SE 19TH AV INTERSECTS
1919 Treck Photographic Inc 234-9272
SE 20TH AV INTERSECTS
2003 Samuels Arco Service 235-4432
2021 Firestone Tires (Whse)
2034 Vacant
2035 Vacant
2038 R & T Factors mfrs agts 235-8634
2045 Vacant
2051★Cole Fred
SE 21ST AV INTERSECTS
2100 General Electric (Med Sys) 233-3691
2103 Standafer Galeb Jr
2116★Huffman Sidney 233-2001
2119 Data-Tronics Leasing Corp data equip & sups 233-8588
2121 Tice Electric (Acctg Ofc)
2122★Caselton R
2124★La Velle Henry R 234-1300
2126★Sager Donald W
2128 Thead John 236-4219
2138 Opsahl Gerald F chiropractor 236-2989
2139 Tice Electric Co contrs 233-8801
2140 Opsahl Gerald F ◎ 236-2989
2146 Apartments
Vermillion David M

SE MORRISON ST 1975

SE MORRISON ST—Contd
310 Ford J
311★Harris Orvel 238-6591
312★Barkhurst Nellie I 232-5081
401 Dockstader Michl G 236-1736
402 Gordon Elsie L Mrs 232-2514
403 Gillson Lorena 234-7170
404★Sheehan Gertrude 232-3812
405 Vacant
406 Vacant
407 Rogers J Melvin 236-5934
408 Jiroch Mary 232-3895
409 Tiniakos Clara 232-9543
410 Gould Margt P 236-9284
411 Kort K
412 Matthews Chrystal K Mrs 235-5186
501★Redmond J
502 Patten Barbara L 234-6167
503 Stewart Fern L 234-0019
504★Keaton I
505★Ross James
506 Kay Warren A 233-1975
507 Conrad Harry M 234-4876
508★Stark L
509 Kuhnhausen Mary E Mrs
510 Vacant
511★Gower Teresa 236-4520
512 Renfroe Harold D 233-2868
STREET CONTINUED
SE 13TH AV INTERSECTS
1300 Vic's Sundries & Toiletries 234-1853
1305 O'Neil Donald
Paskel Dorothy
1307 Jackson Leona L Mrs ◎ 232-3394
1308 Hal's Tavern 232-1259
1322 Williams B Irvin ◎
1328 Presto Cleaners 232-0004
1335 Schulz Amy M Mrs ◎ 232-4716
1336 Hi's Laundromat 232-6710
1339 Schulz Amy Beauty Shop
SE 14TH AV INTERSECTS
1400 Hi-Time Tavern 236-2426
1401 Kienow's Bohemian Pastry Shop 236-3778
Kienow's Food Stores (Br) 234-7998
1412 Videosonics closed circut tv products 232-4632
SE 15TH AV INTERSECTS
1502 Rose City Oyster Co Inc whol 236-8776
1505 Morrison Court Apartments
★Belknap G
1507 Apartments
1★Reynolds Jack
2★Condon Thos 235-0694
3★Barnes Ross
4★Geffen Ivy
5★Denniston Scott
1511a★Baker John
1511b★Bateman Rick
1511c Vacant
1511d★Butler Ron
1513a★Arendale Blackwell 233-1306
1513b★Williford Pat
1513c★Eoff Donald
1513d★Konsten Leo
1517a Strand Oscar 232-5483
1517b Austin Mildred
1517c★Mc Kenzie Clara
1517d★Bellamy Robt
1519a★Smith Sharon A 238-0481
1519b Omeha Dora
1519c★Johnson Gary
1519d Vacant
1523 American Locksmith Service 236-1212
1525 General Threaded Products Co whol screws and bolts 234-5248
1534 Rose City Oyster Co (Stge)
1537 Morris Scale Co Inc 232-5339

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SE 16TH AV INTERSECTS
1618 Vacant
1625 Vacant
1630 Vacant
1635 Gaff Nora Mrs
1636 Davis Flore R Mrs ◎ 236-0396
Walz Marilyn Mrs
SE 17TH AV INTERSECTS
1705 Balogh Martha O Mrs ◎ 236-7803
1724 Pac Nw Bell (Equip Bldg)
1725 Apartments
1★Budeham Wm
2 Robbins Madelyn Mrs 236-4052
3 Byrne Tom 236-3043
4 Henneberg Barry
5 Vacant
6 Leonard Grace Mrs 236-2820
7 Henneberg Ingwald C 236-3872
1735 Apartments
1★Hendrickson Helen
2 Forsty Edw
3★Karr Harlie H
4 Hamilton John D
1737 Northwest Stamp Supply rubber stamp 232-7444
SE 18TH AV INTERSECTS
1802 Jenkins Bertha D Mrs ◎ 232-9388
Batdorf Robt O
1807★Twede Joann 235-9809
1808 Vacant
1811★Woods Thos 235-4650
1812★Fong Geo
1814 Clessler Wm C 234-6023
1815★Biegler D J 235-1910
1816★Stanley Norma
1817 Drake Susan 236-6018
1818 Ward Flavel A 236-0729
1822 Mc Call Frances Mrs
1823★Iturn D 238-1297
1825 Apartments
1 Henry Lillie Mrs 232-8619
2 Fergerson Henry
3★Iurtti A
4★Beam J
1828 Nodien Jerry 234-4287
1835 Thompson Caroline M Mrs 236-1567
1836 Fogarty Patk F ◎ 234-1481
SE 19TH AV INTERSECTS
1902 S I A Manpower-(Management Info System) 238-0555
Appliance Buyers Credit Corp credit financing-loans 233-4851
1905 Lone Holly Manor lodging hse 235-7807
Ellefson Ingvald W ◎ 235-7807
1917 Vacant
1919 Vacant
1921 Vacant
1925 Rose City Sound Inc pub adress equip 236-4876
1928 Apartments
1931 Rex Recording Co 233-2471
1935 Vacant
1936 Apartments
1★Kenney James
4★Griffith Wayne
5★Bafford Charles
6★Carnorey Eug F
7 Vacant
8 James Ralph 233-0920
1937 Vacant
1939 Rose City Sound (Pro Shop)
1940 Picadilly Inn Tavern 232-6709
SE 20TH AV INTERSECTS
2036 Vacant
2046 Peterson John R 234-4723
2052 Forsyth Lavern 235-6913
★Barnett Robt
★Inamn D 236-3216
2104 Henderson Hildagarde M 234-2452
★Young Bruce
2115 County Div Parks & Memorials 248-4308
County Lone Fir Cemetery
County Dept Of Pub Wks 248-3591
2216 Vacant
2230★Pitman Nellie P 232-4275
★Joy Barbara
National Enterprises Inc orgs 234-8493
Rear Dunn Kelly G
2239 Huss Walter L Rev

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SE 23D AV INTERSECTS
2306 Cummings-Ward Oil Inc fuel 234-7571
2320★Mc Keown Scott A ◎ 233-9527
2334 Durst Richd J ◎ 234-1074
2360 Sheet Metal Workers Industrial Union Local 544 233-5676
2402 Cuda Thos W ◎ 232-5961
2430 Haney Ed G 232-6025
2432 Kutter Henry F 235-5058
SE 25TH AV INTERSECTS
2518★Swanson Steve B
2526 New Brunswick Apartments
1 Nixon Anne V Mrs 234-1874
2 Wildt Calvert T 235-2951
3★Allie T
4★Jorgenson L R 235-4913
2536 Apartments
1 Brown Ethel Mrs ◎ 234-8009
2★Kennedy Billie
3 Zabo S
4★Riecke Jon E 233-2100
STREET CONTINUED
SE 26TH AV INTERSECTS
2613★Dyer L J 234-2462
2615 Summers Marsha 232-3826
2620 Merced Apartments The
★Flynn T D 236-7566
2622 Morrill Louise K
2623 Crump Evelyn M 234-5990
2624★Dye Ronald
2625 Sakano Fumie M Mrs 232-2034
2626 Housel Wm
2628 Whitecotton Terry
2630 Biaccio Joseph 236-1081
2631 Walton Dorothy N 232-3434
2632 Zopfi Larry G 236-2597
2634★Smith Winnie
2635 Kumler Ovid C ◎ 235-7958
2636 Downey John
SE 27TH AV INTERSECTS
2638 Connor Arth E
2640 Miller Sharon V 233-1422
2725★Reider Cynthia A 238-0328
2735 Benson Karlen J 235-2518
SE 28TH AV INTERSECTS
2921 Welch Robt
2924 Jones Sue
2926 Lipscomb Thos R 236-8300
2927★Richards Karen 235-6180
2929★Larson Sally L Mrs
2934 Amarilla Apartments
1 Houdek Otto
2 Mench Amanda L Mrs 234-3486
3★Romans M G 235-3440
4★Arneil Charles E
5★Nelson Glenn
6 Tidd Wm 236-3705
7 Miles Gorden W 236-6587
8 Johnson Ella M Mrs 234-3720
STREET CONTINUED

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SE 30TH AV INTERSECTS
3005 Lu Manor Apartments
1 Wick Hazel M Mrs 234-9036
2 Henriksen E M
3 Koletson Dorothy Mrs 235-7898
4★Huff W E 236-3749
5 Smith Helen E 232-1021
6 Hanson Clifford W 232-5911
7 Clevinger Margt H Mrs 235-3876
8 Worden Margt 235-7144
ALDER CT INTERSECTS
3016 Feldmann Wm W ◎ 236-7253
3018 Taft Gary
3024 Doran Marie A Mrs ◎ 236-3524
3030 Weigel Jacob ◎ 232-6288
3038 Pippitt Dean ◎ 233-9522
3042 Godman Alice S Mrs ◎
3049★Erickson J E 232-7979
3054★Finn M A 236-7393
3101 Marcia Manor apts
★Feathers Carmen 238-9864
3103 Burkhardtsmeier
3104a Hall Lloyd M
3104b Mc Martin David J 232-5044
3105★Stephens Darrell 235-5117
3107★Gibb Joyce
3109 Vacant
3111 Houston Reima 236-9816
3112 Kennedy Homer J ◎ 232-0771
3113★Sheehy Kevin
3115★Mann G Mrs 233-9293
3117 Anderson Josephine V Mrs 232-7975
3119★Smith Paula
3121 Hill Fred B ◎ 235-6743
3125 Pearson E Louise Mrs ◎ 235-7721
3128 Webster Cherry C Mrs ◎ 232-0368
3129 Martin Hazel Mrs 236-8760
3131 Vacant
3133 Luczycki Edw F 232-1783
SE 32D AV INTERSECTS
3205 Meck Virginia C Mrs ◎ 236-2221
3212 Apartments
1 Morley Clair E 235-7375
2★Dulay Renato C 232-1956
3★Hovanski John
4★Lewis Jack
5 Vacant
6★Dorscher Brad 234-7167
7★Dyen Tom
8★De La Garza Morris
9 Marrow Virgie L 233-1439
10 Knopf Simon 236-5706
3217 Ashbaugh Ronald 235-5403
3229 Hoffhines Harold W ◎ 234-2966
3230 Apartments
1 Vacant
3234 Vacant
3237 Wilson Robt J 233-2336
3244 Vacant
SE 33D AV INTERSECTS
3342 Carnation Co dairies 232-2131
SE 34TH AV INTERSECTS
3421 Josephson Linda S
3422 Forbes Frances Mrs 236-3192
3428 Vacant
3429 Vacant
3435 Vacant
3436 Seaquist Albert L ◎ 232-8431
3442 Hjelt Clayton E 236-0706
3449 Wright M Leroy 232-1869

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SE 35TH AV INTERSECTS
3505 Apartments
1★Barton Geo
2 Santistevan Susie Mrs
3 Rule Gregory 235-9633
4 Faust Barbara
5 Vacant
6 Wheeler Barbara R 236-1722
7 Vacant
9★Havermann Helen G Mrs
10 Vacant
STREET CONTINUED
3519 Neubarth Magdelene ◎ 235-3940
3525 Sears Orval E ◎ 235-7782
3526 Garoutte Mary 234-1326
3534 Snedeker Phyllis M Mrs
3535★Freed Angela 236-2830
3540 Maple A Marie ◎
3543 De Fehr Robt H ◎ 232-3883
3546 Babee Clara Mrs ◎
3550★Moore Thos 234-6896
3551 Bohomolow Nick 232-4894
3558 Raymond David 235-1236
3559 No Return
SE 36TH AV INTERSECTS
3604 Szarolete Stanley O ◎
3607 Bolin Geo F ◎
3612 Zeller Ann ◎ 238-1043
★Lepinski Mary
3617 Rouse Allen R ◎ 236-4873
3621★Johnston Blanche ◎
3622 Potter Frank P 234-3143
3626 Boggs Clarence P 235-4094
3635 Carter Roger A
3636 Dishman Edw H ◎ 235-3412
3641 Hermanson Effie A Mrs ◎
3642★Elmore Wm F 232-7925
3647★Bennett James G 232-7762
3653 No Return
3656 Karras Wm K ◎ 236-1713
SE 37TH AV INTERSECTS
3703 Allen Jean Mrs
3704★Mc Willias Rod 232-8812
3705★Gladson James L 232-9218
3717★Holland Arth J Jr 238-1364
3718★Voyce Tony 236-2053
3721★Weintraub David 233-7807
3726 Vacant
3734★King L 232-8697
3735 Christensen R O 233-3931
3736★Ludwig Kristin 236-3119
3741★Zuter Michl 235-5082
3742 Boyd Doris M Mrs ◎ 235-2490
3746 Selby Robt P ◎ 232-8519
3747 Seiler Leonard C ◎ 232-1906
3755 Neal Frank ◎ 232-9004
3760 Adams Wilbur A ◎
SE 38TH AV INTERSECTS
3801 Caruso Manor Apartments
1 Morrison Hazel G Mrs 234-6372
2 Epling Golan M 232-8057
3 Carper Hilda J 235-2978
4 Carrington Leona Mrs 232-5662
5 Crabtree Ila 234-9071
6 Paxton Iris K 235-4415
7★La Russo Mark 233-4264
8 Palmer Barbara J 232-4371
9 Telford Myra L Mrs 235-2811
10 Weston Shirley L 235-8071
11 Tenney Grace Mrs 234-5926
12 Swanson Edgar H 234-8767
STREET CONTINUED
3818 Vacant
3826 Karnes Frank H ◎ 232-8278
3833 Vacant
3834 Apartments
1 Cobb Robt
2 Kaiser Alma M 235-2310
3★Whitney John 234-7038
3842★Ristick Eliz
3845★Matheny Robt C 236-0071
3851 Rapp Clarence E 235-0937
3854 Strange Geo T ◎ 232-9926
3859 Heisler Gertrude J Mrs 235-0611

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SE 39TH AV INTERSECTS
SE 41ST AV INTERSECTS
4109 Apartments
1 Mitchell Edw L 232-1631
2★Shaver Ronald E 236-4594
3 Nunez Paul
4★Lovett N M 238-0638
4110 Apartments
1 Young Dagmar P Mrs 232-4327
2 Allen Barbara
3 Roubinek Malinda M 234-5743
4 Smith James E 236-7215
4115 Apartments
1★Ports Leona P 236-8616
2★Campbell D
3★Hunton M 233-6913
4★Helgresen Lorene 234-6032
4119 Apartments
1★Saemenes James N 233-8005
2★Woodman Dixie E 235-0831
3 Nibley Leah B Mrs 232-6276
4 Henry Edris E 235-1409
4120 Apartments
1 Stott Barbara L 233-2384
2★Rasmussen A 235-9159
3 Wood Dora S Mrs 233-3877
4 Walker Cecile Mrs 236-0347
ZIP CODE 97215
4204 Stapleton Loren C ◎ 235-0479
4205 Mc Donnell Donald A 232-6712
4209 Buchheit Alf F ◎ 232-9033
4213 Wilson Burman R 236-1261
4220 Ahrendt Alvin F ◎
4225 Richwine Larry ◎ 233-7457
4232★Hanes Alf 238-5913
4233 Elvers N J ◎ 234-3001
4242 Pierce Delores I Mrs
4243★Miller Kim A 232-6764
4245★Mortiz Otto 232-5734
4251★Roeske Gladys Mrs ◎ 233-7816
4254 Myers Fay E ◎ 234-5524
4261 Martens Freda T Mrs ◎ 232-0615
4264 Dunlap Helen L Mrs ◎ 232-2754
4274★Brechtel Teresa 234-4516
SE 43D AV INTERSECTS
4305 Schultz Frances L Mrs ◎ 232-0556
4312★Attebury Wm R 233-8258
4315 No Return
4323 Simpson Mary E Mrs 234-8593
4324 No Return
4333 Krueger Carl A ◎
4334 Harrison Patricia L Mrs 233-0962
★Rusk B
4406★Warsoo Kathy 235-9139
4407 Henrie Maxine Mrs ◎ 235-2477
4411 Stanley Lorena Mrs
4415 Clancy Allen L 236-9010
4419 Shelton Patricia E
4427★Scheufele Ruby M 238-1092
4433★Esselstyn Paul 233-8127

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SE 51ST AV INTERSECTS
SE 52D AV INTERSECTS
5126 Service Edwin F ◎ 232-0973
5136 Mundt Edw A ◎ 232-1338
5225 Plaisance Lawrence A ◎ 232-6258

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SE 53D AV INTERSECTS
5315 Joyer Harvey A ◎ 232-7384
5327 Weigand John R ◎ 234-6390
5332★Harrison Patk D ◎ 234-4965
SE 54TH AV INTERSECTS
5411 No Return
5424 Schell John E ◎ 234-1192
SE 55TH AV INTERSECTS
5521 Wood B Nealley ◎ 236-9636
5529 Babb Richd C ◎ 235-0763
5530 Green Caroline E Mrs ◎ 236-7062
5537 Anderson Fred W ◎ 235-1383
5603★Barrett Steven ◎ 236-7543
5610 Duncan Alf L ◎ 235-3359
5625 Arey Rose B Mrs ◎ 235-6213
5633 Vergeer Joseph ◎ 235-3256
5647 Rasmussen Earl W ◎ 232-7744
5709 Dull Glenn E ◎ 235-1581
SE 58TH AV INTERSECTS
SE 62D AV INTERSECTS
6221 Wallace Ellis H 236-3106
6237 Viers B A 238-1763
6303 Burbach John S ◎ 235-4075
6304 Varns Homer S ◎ 232-2243
6315 Mac Ritchie Joan Mrs ◎ 234-7769

SE WASHINGTON ST 1975

N WASHBURNE AV—Contd
N KILPATRICK ST INTERSECTS
8203★Schmid Clark ◎ 289-0308
8204 Harvey Joe W ◎ 289-6975
8209 Kern Robt J ◎ 285-8182
8225 Kistner Olive A Mrs ◎ 289-8641
8226 Lewis Donna J Mrs ◎ 289-2687
8261 Schuck Arth E ◎ 289-2651
8267 Attig Ruth Mrs ◎ 289-1758
8270 No Return
8275 Monaghan Robt J ◎ 289-7411
8289 Bryan Harold ◎ 289-7295
N ARLINGTON PL INTERSECTS
8303 Lund Edith B Mrs ◎ 285-5195
8312 Leggroan Delores Mrs ◎ 289-0517

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N WILLIS BLVD INTERSECTS
8504 Duncan Myrtle P Mrs ◎ 285-5932
8505 Ervine Albert E ◎ 289-1041
8529 Brekke Bjarne M ◎ 289-1912
N ARGYLE ST INTERSECTS
8612 Henry Evert B ◎ 289-0001
8626 De De Leveaux Sarah L 285-8625
Walton Alvin 289-1542
8635 Field Frena Mrs ◎
8638 Mc Swain Delbert ◎
8650★Davis Richd ◎ 289-5683
N FOWLER CT INTERSECTS
8702★Wolf Ron ◎
8714 Wicker Roland J 283-3690
8715 Milsten Earl N ◎ 285-0944
8722 Simmons Thos L ◎ 289-3043
8727 Vacant
N CHAUTAUQUA BLVD
INTERSECTS

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WASHINGTON ST SE —FROM WILLAMETTE RIVER EAST 2 NORTH OF SE MORRISON ST

ZIP CODE 97214
SE WATER AV INTERSECTS
SE 1ST AV INTERSECTS
66 Zeero Ice Co Inc 234-0491
68 Northwestern Ice & Cold Storage Co whse 234-9511
73 Zeero Ice Co Inc (Plant)
S P CO TRACKS CROSS
107 B & O Warehouse 232-4181
125 Phillips Drill concrete anchors 233-0660
139 Peterson Floyd Co mfrs rep 232-6950
Spanopoulos Nick wine importer 233-8753
SE 2D AV INTERSECTS
201 Webfoot Fertilizer Co Inc whol 235-8761
216 Rexotic Products animal care prod 235-6447
SE 3D AV INTERSECTS
302 Pacific Coast Fruit Co whol 234-6411
307 Vacant
SE UNION AV INTERSECTS
423 Tri-State Trucking Service 235-8551
425 Vacant

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SE GRAND AV INTERSECTS
SE 6TH AV INTERSECTS
SE 7TH AV INTERSECTS
704 Edwards Glass Co 232-6159
777 Parts Service Co auto whol 232-6145
SE 8TH AV INTERSECTS
815 Terrace Court Apartments
101 Terrace Court Apts (Ofc)
102★Gonzales Yolanda 238-0985
103 Vacant
104 De Shane Alan
105 Scott Herman
106 Snyder Richd 236-6108
107 Vacant
108★Johnson V
109 Schuster Louise
110 Weeks Wm 234-9455
111★Volk E
112 Dobrowsky Herman 234-7060
114 Lloyd Richd G 236-6112
115★Groos K
116 Kreier Marjorie
117 Mc Gunty Leona
118★Martin James
119★Trechsel Edw 234-4914
120★Haymore Bernie 232-0290
121★Mc Henry F
122★Lighte A
123★Rescola G
124★Kohl Debbie
125★Hinton Wm H 236-4491
126★Williams R
127 Dahnki Frank
201 Vanderpool Kath
202★Zimmer Skip
203★Andrews J
204 White Stewart 233-0108
205★Wieland P
206★Maloney Crystal
207 Nelson Chris
208★Wallace Dora
209 Shankles Dale
210 Vacant
211 Heath Danvers C
212★Marek Rudy
214★Slater K
215 Rothacher Elaine
216 Adams Ruth V 234-8183
217 Vacant
218 Vacant
219 Price Calvin
220 Vacant
221 Cloud Alice
222 Vacant
223 Patch Mary L 232-7045
224★Cheney Robt
225 Coombe Winifred 234-0011
226 Hassel Earl
227 Udelhoffen Barney H 234-6012
STREET CONTINUED
840 Loma Linda Food Co whol 236-5577
SE 9TH AV INTERSECTS

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SE 10TH AV INTERSECTS
1000 Phantaamagoria House antique dlrs 235-1272
1005 Lewis Bros Inc whol meat 234-5284
1006 Cheesman Arth 235-1272
1012 Schoepper Agency Inc 233-5678
1034 Nyleta Court Apartments
2★Wickes Lois A
3 Galles Mich
4★Bickle Wm L 236-5961
5 Groce Edw
1035★Kurzhal S I 233-7226
1037 Haley Jean M Mrs 232-9793

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SE 11TH AV INTERSECTS
SE 12TH AV INTERSECTS
SE 16TH AV INTERSECTS
1605 Lind Terry 238-0995
1621 Carol Apartments 232-1749
Wolfert Mary J Mrs 235-6146
1623 White Don
1625★Miners Tresa
1627★Kunze Paula
1631 Littlechild M Irene Mrs 235-7422
1633★Kolishkin Alex 236-5164
1635 Boyle Irma C Mrs 236-4880
1637 Ruckman Elsie A Mrs 235-7166
1641★Schab Wm B
1643 Boschee Jenice M 233-0965
1645 Burkhart Kenneth C 235-0915
1647★Lince Michl 234-8802
SE 17TH AV INTERSECTS
SE 18TH AV INTERSECTS
1803★Derrington Carol A 234-8571
1809 Henderson Robt H ◎
1816 Herrick H 236-9139
1817 Ding Mun H ◎ 236-1531
1823 Lai Nem Hung ◎ 235-2075
SE 19TH AV INTERSECTS
1904 Weinestien Laurece 233-1745
1914 Vacant
1916 Vacant
1918★Mc Quain Judy 238-1450
1922 Wilson Dan
1926★Jacobs Bonnie
1927★Menth Sheila L
1935 Amhurst Manor Apartments 234-1116
1★Spears Don 234-7182
2★Beltz J
3★Browning R J
4★Hastings Louise 236-6963
5 Omeha Nora Mrs

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SE 26TH AV INTERSECTS
2604 Vacant
2614 Brooks Bruce T ◎ 235-3040
2622 Trommler Herbert G ◎
2626 Vacant
SE 27TH AV INTERSECTS
2704 Birchenough Ernest ◎ 234-4739
2705★Conkoin Richd D 233-2839
2709 Vacant
2713 No Return
2716★Walker Douglas 236-9469
2717 Hannah Louise F Mrs 236-0510
SE 28TH AV INTERSECTS
2809 Flotom Apartments
1 Smith Harry C
2★Mc Master G
3★Smith Le Roy
4 Peoples John
5★Smith Dorothy
6 Heller Rebecca J 236-9689
7 Schroeder Robt S 233-1897
8★Cook John
2818 Smith Jeffrey A 234-2037
2823 Vacant
2825 Filsinger Jack L 235-7310
NE 29TH AV INTERSECTS
2904★Owings S
2906 Joachim Ron 233-8056
2908★Howard Eileen 235-5087
2912 Raisig J 234-2485
2914 Vacant
2921 Cynthia Villa Mrs apts 236-2800
★Arildson J A 233-9725
2923★Moran Larry C 238-6051
2925★Peters B 232-4074
2926 Whitehurst Janet M Mrs 235-5621
2927 Aenlo Ella H Mrs 236-0503
2929 Mackay Bruce D
2931 Vacant
2933 Smith Richd M 232-3505
2935 Henry Harlan A 236-2800
2937 Davis Leatha Mrs 234-4512
2938 Mc Dermott Dorothy 236-5225
2939 Hunt C Marie 236-6620
2940 Conroy Beatrice K 234-4669
2941 Utter Ruth E 235-1105
2942 Vacant
2943 Wilson James
2944 Romaine Grace Mrs 236-0197
2945 Enis B Joan Mrs 236-4551
2947 Ellis Nyda N 232-0366
2949 Vacant
2951 No Return
2953 No Return
2955★Hurst Marcine O 233-4292

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SE 33D AV INTERSECTS
3303 Enomoto Dennis 233-1505
3305 Suher Randolph A 238-1481
3317 Russell Gerald A ◎ 236-0651
3324 Vacant
3328 Schmidt Bruce 232-6675
3330 Vacant
3331★Sweeten Earl J 234-1021
3335 Mc Anally Albert L ◎ 235-2765
3336 Vacant
3345 Erhardt Dorothy I Mrs 235-0194
3349 Thurston W A Mrs 232-8442
3355 Fox Stephanie Mrs
3359 Williams Robt J ◎ 235-2831
SE 34TH AV INTERSECTS
3404 Doran Edmund L ◎ 232-8595
3416 Jonas Robt 232-1566
3420 Domier Estelle E Mrs ◎ 236-3213
3423 Morse Wm E ◎ 236-0660
3429 Friedstrom Chas ◎ 236-3614
3436 Smucker Marcus G Rev ◎ 233-3864
3437 Peabody Philip E ◎ 236-0511
3447 Anderson Melvin C ◎ 236-0491
3448 Feik Darald 236-4234
SE 35TH AV INTERSECTS
3508 Craig Russell B 234-1986
3515 Apartments
1★Goldman Michl A
2★Nessbammer Nick
3★Libke Kathryn A 234-8971
4 Vacant
3516 Romfo Odney M ◎ 235-0442
3525 Cowling Steph P ◎ 236-2863
3528 Kalman K 232-4431
3529 Klapper Jeff A 232-4824
3533 Gildersleeve Milburn H ◎ 234-5520
3534 Hoffman Edw ◎ 235-6843
3543 Thrasher Darrel ◎ 233-9755
3544 Apartments
1★Stone Debbie S
2★Shrock Anna D
3 Faust Maureen R 233-3796
4★Clarke Vicki L 238-1759
5★Roush David L
6★James Richd G
STREET CONTINUED
3552 Hardman Anna L Mrs ◎ 236-1062
3555 Irvin Andrea L 236-9918
Song Seung R 235-6169
SE 36TH AV INTERSECTS
3603 Peterson Jennie E Mrs ◎ 232-8026
3608★Menasche R 236-6230
3611 Norburn Kenneth 238-0988
3614 Stupp J L ◎ 232-1771
3619 Darnell Ella Mrs 235-7371
3620★Bich David E
3627★Harriman Geo P
3628★King Tony A 233-9796
3632 Vacant
3633 Holmes Mary F Mrs ◎ 234-6022
3640 Hauck Wm E Jr ◎ 234-2486
3643★Harrington Mike ◎
3651 Haggstrom Enfrid A ◎ 232-0650
SE 37TH AV INTERSECTS
3704 Foster Margie Mrs ◎ 236-8437
3708 Biggs Anna M Mrs 232-7973
3716 Tancredi Joseph ◎ 234-9059
3717 Hoffman Melvin L ◎ 232-3672
3723 Andersen Oscar ◎ 232-3262
3724 Brown Ellanora E Mrs ◎ 232-0800
3731 No Return
3739 De Vet Carol Mrs
3740 Kaiser Larry ◎
3746 Chapman Alvina E ◎ 236-4077
3747 De Mars Steven C ◎
SE 38TH AV INTERSECTS
3817 Starr Dorothy A Mrs ◎ 232-1810
3819 Schmith R Bruce 233-4258
3823 Lorey James J ◎
3829 Seventh Day Adventists (Stge)
3843 Standard Accounting Systems business forms 234-9805
Standard Printing & Office Supply Inc ofc 234-9805
SE 39TH AV INTERSECTS

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SE PEACOCK LA INTERSECTS
SE 41ST AV INTERSECTS
4101 Culver Kenneth ◎ 232-0976
4102 Carter Joe ◎ 234-3595
4107 Salisbury Jan L 234-4117
4107a Green J L
4115 Miller Alex ◎ 236-3908
4125★Adams Steph H ◎ 235-4482
4126 Werner A B Construction genl contr 234-1940
Werner Andy B ◎ 236-0207
4132★Anliker K 234-2477
ZIP CODE 97215
4204 Fischer Reuben R ◎ 235-1331
4212 Schultz L E 235-3042
4215 Homan Don ◎ 232-3273
4221 Taylor Wm M ◎ 235-6354
4224 No Return
4233 Johnson Eliz M 232-2528
4234 Vacant
4242 Fransen Geo F ◎ 236-3629
4253 Kelly Edna S Mrs ◎
4254 Sunnyside Church (Fellowship Center) meets
4272 Eddy Ethel L ◎ 235-1784
SE 43D AV INTERSECTS
4305★Wood Michl 232-9932
4306 Kniffin Carl W ◎
4316 Masson David F ◎ 235-1867
4317 Johnson Beatrice R Mrs ◎ 235-1416
4326★Duran Thos J ◎ 234-6902
4327 Sweeten Charles W ◎ 235-6318
4329 Domgorgen Peter ◎
4334 Powell Deborah 235-7242
4405 Noske Orpha H Mrs ◎ 236-8382
4410★Eliwein Warren H ◎ 235-9082
4411 Cosma Archie A ◎
4419 Bartlet Janice 232-4510
4421 No Return

190

SE 52D AV INTERSECTS
5204 Cannon Claude A ◎ 233-2796
5205 Vacant
5224 Thompson Freda M Mrs ◎ 234-2152

192

SE 53D AV INTERSECTS
5304 Mc Clure Keith ◎ 235-3418
5315 Schille John P ◎ 232-1837
5327 Bertoli Frances L Mrs ◎ 234-4893
5335★Glosenger Robt J ◎
SE 54TH AV INTERSECTS
5413 Franz Robt ◎ 233-7061
5414 Brooks Bruce W ◎
5428 Reid Oliver A ◎ 235-4948
SE 55TH AV INTERSECTS
SE 56TH AV INTERSECTS
SE 57TH AV INTERSECTS
5704 Kappers C Henry ◎ 236-5704
5705 Vacant
5712 Bellerby Wm J ◎ 234-2108
5715 Kielhorn Norman G ◎ 233-7252
5718★Baker Leonard W ◎ 238-0525
5723 Flinn Isabel W Mrs ◎ 232-3372

196

SE 74TH AV INTERSECTS
7404 Faber Gertrude F ◎ 252-0300
7405 Crable Eug M ◎ 252-5951
7422 Ascension Convent 253-5864
Mc Cord Jacqueline Sister
7523 Vacant
SE 76TH AV INTERSECTS
7604★De Paepe James G ◎ 255-0577
7605 Prohaska Terry L 256-3298
7613★Naynard Richd 252-0595
7614 Pedersen Paul E ◎ 253-0904
7621 No Return
7622★Anderson James
7634 Palmer Ruth E ◎ 254-2491
7635 Campagna Joseph L ◎ 253-8344
7645 Mooers Clarence R ◎ 254-6203
7646 Hill Michl 252-5096
7700★Stephens Robt G 255-3086
7702★Wilson R Dennis 255-6245
7705 Diamond Orville C ◎ 253-6209
7714 Mc Nally John S ◎ 255-9970
7715 Jones Blaine W ◎ 253-9998
7730 Simpson Ray G Mrs ◎ 254-4777
★Whitteker B E 252-8321
SE 78TH AV INTERSECTS
7822 Eliw Hjaimar A
7832 Tipton Alice M Mrs 254-3875
7836★Dabney Robt
7903 Dodok John A ◎ 253-2709
7904 Le Roy Michl ◎ 255-3907
7912★Brasher Josephine L
7915 La Fabvie Peter A 254-3025
7915a★Hering Richd 252-0614
7936 Hunters Bob L 255-3823
SE 80TH AV INTERSECTS
8006 Bethada Tabernacle 253-1989
8025 Byland Asa
8045 Hill Kenneth
SE 81ST AV INTERSECTS

198

ZIP CODE 97216
SE 82D AV INTERSECTS
8309 Labrecque Norman E ◎ 255-4318

SE YAMHILL ST 1975

N YALE ST—Contd
5009 Mihovilovich Matija Mrs ◎ 289-3184
5012 Arjavac Anthony J ◎
5022 Arthur Carrie H Mrs ◎ 289-0208
5023 Valentine Anne C Mrs ◎
5032 Beardsley Norma M Mrs ◎ 285-0777
5104 Sutton Corbett G ◎ 285-1948
5105 Vanek Ethel C Mrs ◎ 289-6528
5115 White Robt ◎ 289-2192
5118 Sloop John C ◎ 289-5005
5129 Wiglesworth Earl H ◎ 289-7316
5130 Ryan Erma D Mrs ◎ 289-6143
N HODGE AV INTERSECTS
5212 Meyers Homer D ◎ 285-3712
5215 Huber Michl W ◎
5222 Carver Wm J ◎ 285-9454
5225 Frawley Kenneth E ◎ 289-2729
5227 Penman Percy E Jr ◎ 289-6329
5230 Koriath Gus H ◎ 285-5377
5238 Graiff James H ◎ 289-7764
5241 Larkin Laura D Mrs ◎ 289-2065
N STANFORD AV INTERSECTS
5253 Norris Dave A ◎
5254 Fahrer James B ◎
5261 Olson Patk J ◎ 283-3848
5267★Eggers Danl 289-6112
5268★Renaud Norman L 283-3672
5275 Moore Wayne C ◎ 285-4863
5282 Hull Jack E 285-8402

93

N PORTSMOUTH AV INTERSECTS
5330 Ito John S ◎ 289-6250
5333 Whitten Cilicia Mrs ◎ 285-6922
5406 Heigel Rudolph W ◎ 285-3841
5407 No Return
5427 Iverson Donald F ◎ 289-4733
5428 Albright Henry W ◎ 289-0522
N VAN HOUTEN AV INTERSECTS
5508★Crocker David 289-6175
5516 Vacant
5530 Wilson Wilda G Mrs ◎ 289-2735
5601 Astor John Jacob School 289-9490
5610 Hines Henry H ◎
5630 Heine Zolen E ◎ 285-8938
N MONTEITH AV INTERSECTS
5705 Schott Saml ◎
5717 Hines Lucille B Mrs ◎ 289-8658
5718★Hoglund K S Mrs 289-3884
5801 Harrison Gary L ◎ 285-9478
5802 Fenimore Lloyd E ◎ 289-7108
5810 Truman Stanley L ◎ 289-3715
5811 Bullen Hal H ◎ 289-9413
5822 Kindrick David T ◎ 285-4359
N MC KENNA AV INTERSECTS
5905 Dawalt Robt ◎ 283-2738
5925 Dezell Alice P Mrs ◎ 285-5781
6015 Kruger Henry ◎ 289-2445
N WALL AV INTERSECTS
6207 Kalmanis Rose Mrs ◎ 286-5990
6208 Stewart Doris B Mrs ◎ 286-4537
6214 Vollertsen Walter C ◎ 285-4277
6219 Grimsrud Erna S Mrs ◎ 286-8464
6220 Schaefer Danl G ◎ 286-8759
6300 Cummings Burke 286-3191
6301 Smith Arth C ◎ 286-8477
★Goodman Corry
N WESTANNA AV INTERSECTS
6405 Axtman Frank J ◎ 286-8604
6412 Stark Margt E Mrs ◎ 286-8166
6422 Steinfeldt Edw A ◎ 286-8579
6423 Carroll Kath Mrs 286-2723
6432★Greiling Michl H 286-3103
6433 Liston Wilma H Mrs ◎ 286-8413
6441 Plock Albert ◎
6442 Golik Danl A ◎ 286-8129
6452★Golik Danl A 286-5521
6453★Estes Frank 286-4994
6500 Schuyler Calvin G ◎ 286-8418
6505 Teegardin Clarence N ◎ 286-8438
6508 Hayes Roy V ◎ 286-8190
6516 Benton Kenneth C 286-8636
6517 Mandrones Nick ◎ 286-0222
6524 No Return
6525 Crawford Roger A 286-3860
6534 Jones Vernon C
N MACRUM AV INTERSECTS
6621★Ashworth Edw C 286-8608
6624 No Return
6727 Tabahy Saml J ◎
6731 Vacant

208

YAMHILL CT SE —FROM JUNCTION SE YAMHILL ST AND SE 84TH AV NORTHWEST

ZIP CODE 97215
6545 Zavodsky Robt R masonry contr ◎ 232-6893
6639 Piamondon Ralph J ◎ 252-0404

236

YAMHILL ST SE —FROM THE RIVER EAST 2 SOUTH OF SE MORRISON ST

ZIP CODE 97214
SE WATER AV INTERSECTS
50 Promotion Products Inc sign & display mfrs 234-0901
61 Vacant
SE 1ST AV INTERSECTS
81 Burns Bros Importers tires 233-8521
Security Chain Co 233-5861
111 Nor-Air Inc heat & air condition 234-0251
115 Consolidated Electrical Distributors Inc 232-3142
116 Dallas Ceramics 233-4788
135 Vacant
SE 2D AV INTERSECTS
202 Vacant
211 Pacific Fence & Wire Co whse ret paint 233-6248
238 Arvey Paper Co whol 235-3135
240 Empire Typesetting Co typesetting 238-1744
SE 3D AV INTERSECTS
334 Flymart (Stge)
SE UNION AV INTERSECTS
SE GRAND AV INTERSECTS

936

SE 6TH AV INTERSECTS
630 Atlas Apartments 235-3853
1★Robinson Burns
3 Nelson M
4★Field Ron
5★Serroto Ramon
6 Martinez
7 Vacant
8★Smith Ed
9 Fara Kalervo
10★Cureton O
11 Unrath P
12★Wheelock Edw
14 Lee Richd
15 Cola Rose
16 Elsey Pat
17★Moreno A
18 Vacant
19 Hunt Tressa
20★Gonzales E
21★Ramirez Jeannie
22 Vacant
23★Ford Russell
24★Chipman Ron
25 King Wm
26★Wittenbury Susan
27★Lindquist C
28 Vacant
29★Gavazza Stanley
30★Smith R J
31 Vacant
32 Scovell L
33 Edward George
34 Miller Jack
35★Brazzel Jessie
36 Vacant
37★Harrison A B
38★Brown Edw
39★Bradshaw M L
40★Linbom D
41★Harrison A B
42 Dodge Don
43★Thompson Frank
44★Bill H
45★Knipe Jim
46★Verner Chipman
47★Rhodes C
48★Livingstone Edna
49★Sellers Jim
52★Banner M
53★Sanfor Bernard
54★Whaley Michl
55 Lindley Kent
57★Palo Sam
58 Wittle John
59★Stumberg B
60 Rosenstrom Philip
61★Keating Casey
62★Helmer Walt
STREET CONTINUED
SE 7TH AV INTERSECTS
731 Gilbertson Machine Shop Inc 233-6491
SE 8TH AV INTERSECTS
SE 9TH AV INTERSECTS
909 Strippers Co furn stripping 236-4909

232

SE 12TH AV INTERSECTS
1222 Cox Geo W ◎ 236-2980
1223 Worona Peter 234-8716
1225 Apartments
1★Anderson Sandra 235-8256
2 Vacant
3★Shoemaker J
4 Law Tom
5★La Bonte Donald
6 Hupp Tom
7★Chipps Wm D
8★Kays Wm R
1227★Greenwood James A 233-9225
1235 Lewis Apartments
1★Silva R
2 Shereck Ray
3★Mureno J
4★Strickland Janice
5★Evans Ann
6 Schuh Melvin F 234-6935
7★Barron Jessie
8 Vacant
9★Talamante Hector
10★Lewman Lawrence
11★Benedict Danl J
12★Roberts Danl
1236★Dunford S 236-1829
SE 13TH AV INTERSECTS
1305★Weller J
1311 Olson Irene Mrs ◎ 234-6220
1318 Fresvik Alice Mrs ◎ 232-5965
1325 Apartments
1★French Carol L 233-7293
2 Rice Inez Mrs
3 August Charles
4 Vacant
5 Vacant
1333★Wilson Mark P

230

SE 20TH AV INTERSECTS
2020 Winkelman Walter E ◎ 232-6456
Richardson John
2025 Nichiren Buddhist Church 234-2844
2026★Littlebear Naomi
★Martinez Naomi
★Murney Ann
2031 Kodachi Zungaku Rev 232-8064
2039 Technical Associates consulting engs 235-5267
Riley Jack C ◎ 235-5267
2045★Powell B 234-4746
SE 21ST INTERSECTS
2101 Bell Norma J Mrs ◎ 235-3278
2104 Rapp Andrew P 236-0800
2106 Moore L 233-1916
2107★Chanin Robbin
★Downing Mike
2112★Moore Douglas
2115 Miller Lyle 233-9073
2116 Martineau Joseph B ◎ 236-9238
2124 Hileman Christopher 232-9905
2125 Anderson Richd M 233-3809
★Berstein Robt M 232-2699
2131 Fendley Cora G Mrs ◎ 235-5491
★Kenyon M
2134★Shane Ellen
2137 Esterberg Glenn D 236-4975
2147★Cogan R T
★Gronsand H
★Salmon L D
SE 22D AV INTERSECTS
2203 Hardwood Floyd 235-1551
2213★Yates Randy 233-1609
2220 Soumie Peggy Mrs 233-3837
2230 Apartments
1★Benson T
2 Vacant
3 Vacant
4★Chambers R
5 Vacant
6 Vacant
7 Vacant
8 Taylor James L 233-7300
9 Joy Allen 233-2003
10 Massey Sharon 234-2539

224

SE 23D AV INTERSECTS
2305 Spurlin Charles H ◎ 235-8054
Dannells Dorothy 235-6816
2310 Hopp Rene 232-6244
2313 No Return
2322★Rouse Ruth 236-0338
2323 Yee Loy 236-0981
2328 Redifers J C Jr 236-6450
2331 Wahl Adolph ◎ 236-2787
2332★Mc Grew Raymond T 234-8026
2338 Wilson Bert A 232-8546
2339 Pachall Richd 238-0625
2343★Mc Donald Gene 233-0516
2345 Davison Tom A 234-1175
2348 Janney Floyd F ◎ 234-1736
2406 Hall Esther W 236-6761
Watson Nora W 233-1479
2409 Apartments
1 Cates L L 234-3803
2 Vacant
3 Tudo James L 233-4140
4 Zellmer Judy
5★Henderson D J 234-4691
6 No Return
7 Hawkins Tracy
8 Scott Richd J 233-0159
2414★Lesman Alan
2422★Mihara Jan 238-1152
2424★Serverson Margt 232-1254
2425 Clark Paul M ◎ 232-3026
2426 Murry Jim
2428★Orwen Dorothy O ◎ 236-1903
2429 Thomas Mary 232-9992
2435 Woods V Marvin ◎ 235-6091
2445 Eversole Corrine ◎ 235-4772
2451 Gable Robt A
Shangle Sylvia
SE 25 AV INTERSECTS
2502 No Return
2503 Haynes Jennie J Mrs ◎ 232-7060
2508 Loft Norval K
2509 Vacant
2516 Stanley Arth R ◎
2517 Nasby Lloyd R ◎
2524 Griffin Johnnie L
SE 26TH AV INTERSECTS
2603 Garden Court Apartments 233-7009
Newson Anna Mrs 236-1811
2605 Bashin Molly Mrs 236-6974
2607★Herendeen Steven 238-0583
2609 Pearson Axel 233-7009
2611 Griswold Jack 233-8325
2613 Lowery Margt L 235-5288
2615 Braaksma Mathilda 232-7004
2617 Monkhouse Eleanor L 234-1617
2619 Allen Joanne 236-2375
2621 Robertson Marlowe W ◎ 236-8798
2622 Kiser Joseph J ◎ 232-3520
2634 Harmon I H 232-8756
SE 27TH AV INTERSECTS
2703★Boehmer Collette 236-4601
2706★Bunnett Jans 235-0394
Koenig J J 236-1228
2707★Reinhardt Wm R 235-3744
2712 Stonehenge Apartments
1★Brown Timothy
2★Anderson Teryl L 233-9107
3 Kemp Thos H 233-0673
4★Mc Croskey Kathy
5★Utzinger Don
2713★Carlson Wesley S ◎ 234-9182
2727 Moore Margt Mrs piano tchr 234-3709
2729 Sheldon Maxine M 232-0487
2731★Prince Michl 238-0081
SE 28TH AV INTERSECTS
2805 Vacant
2806★Mammano H E ◎ 234-2586
2813 Manley Hattie L Mrs ◎ 232-0604
2814 Arndt Esther M ◎ 235-3327
2823 Schroeder John J 235-0710
2824 Hahn Norman E ◎ 235-2050
2832 Schroeder Joseph B ◎ 232-4731
2835 Apartments
1 Lambrecht Albert T 235-1446
2★Conner Bershell
3 Raker Bob
4 Mercil James R 238-0031
SE 29TH AV INTERSECTS
2904 Gregory Victoria A 236-0949
2912 Davidson Bonnie Mrs
2914 No Return
2917 Berg Arne ◎ 236-3848
2921★Bennett Donald E 235-6219
2926 Knight Clifford ◎
2927 Vacant
2934 Dickie Robt W ◎ 236-0585
2935 Bates Geo A ◎ 236-7854
2942★Juhrs Thos A 233-8244
Vacant
2949 Glenwood Apartments 233-1931
1 Vacant
2★West John H
3★Bateman Freida F
4★West Jeffrey R
5 Haas J
6 Swan Martha 233-4092
7★Hockenberry Thos
8★Day Harry
9 Percell C
10 Tomala M 236-4345
11 Belknap Roderick
12★Anderson J
14 Mc Calhum Albert 233-1931
15 Baldwin Bertha M 235-5451
16★Green C
17★Jacobson A
18★Bader F
19★Riekki Christine
20★Ivari Wm 233-7279
21 Guthrie Jim
22★Lattin Nina R 234-7147
STREET CONTINUED
2950 Vacant

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SE 30TH AV INTERSECTS
3004 Lambert James L ◎ 236-5346
3008★Okuhara Joan 234-1274
3009★Jaramillo Robt 234-2162
3010 Hastings Clifford O ◎ 232-1245
3015 Bransford Barbara J Mrs 232-8487
3020 Apartments
1★Clark Tony 232-5775
2 Brock David
3 Saltveit Victor D 235-3963
4 Seaquist Richd
STREET CONTINUED
3021 O'Brien Rose Mrs ◎
3024★Harris Leann M 236-2872
3027★Higuera J
3030 Jett Susan A 235-0183
3034 Vacant
3040 Jagels Norman H 232-9488
SE 31ST AV INTERSECTS
3101 Padrta Martha A
3103 Pence Lewis C 235-4229
3118★Asher J B
3122 Ward Mary C Mrs ◎ 234-7848
3125 Vacant
3130 Lei Gary ◎ 233-2340
3136 Beckman Anna M Mrs ◎ 236-6354
3137 Rice Lucille D Mrs ◎ 234-1758
3142 Clark Thos E ◎ 235-1607
SE 32D AV INTERSECTS
3200 Cunningham Raymond
3206 Vacant
3210 Vacant
3214 Vacant
3222 Donahue John
3223 Roberts Helen A Mrs ◎ 236-3148
3231 Schooler Irene D Mrs ◎ 232-7773
3235 Hall Arlene C Mrs 235-7528
★Brewogel B
3236 Vacant
3244 Frederickson Elvinus ◎ 236-8791
SE 33D AV INTERSECTS
3304 No Return
3310 Vacant
3316 Bibb Maybelle Mrs ◎ 233-3892
3322 Garrison Ted ◎
3325 Spink Walter S Jr ◎ 234-2014
3329 Willis Edw C 236-0534
3330★Ison Edw
3343★Vasquez Don 235-6809
3344 Maddox Wm L ◎ 232-6319
3354 Hammersly Deborah 235-0993
SE 34TH AV INTERSECTS
3413 Green Apartments 235-5602
1★Kinnear Barbara
2★Moffenbier Barbara
3 Benson Fred 232-0355
4★Detwiler Gary
5 Vacant
6★Jones Steven
STREET CONTINUED
3425 Color & Design Inc (Stge)
3443 Montag Furnace Co (Stge)
3445 Chilade Howard S ◎ 232-9637
3449 Tyler Frank

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SE 36TH AV INTERSECTS
ZIP CODE 97215
3519 Vacant
3520 Sunnyside United Methodist Church 235-8726
3534 Kellogg Albert H 235-0166
3535 Miller Harry O ◎ 235-2001
3536 Vacant
SE 36TH AV INTERSECTS
3609 No Return
3620★Crawford Calloway 236-1437
3624★Comfort Dana 235-6424

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MORRISON ST SE--CONTD
OFFICE BUILDING--CONTD
LEONARD TOM AGENCY INS 232-6117
MONTGOMERY ELECTRIC CO 233-4938
OREGON NON-PROFIT ORGANIZATION INC MISC 234-3026
RANKIN FINANCE CO 232-4151
RUBLE JOSEPH P LWYR 235-3183
SUNKIST GROWERS INC WHOL 232-8103
WIEGAND ROBT E MFRS AGT 234-9509
STREET CONTINUED
518 JOHNSON MORRIS M SHOE SHINER 235-9108
WEATHERLY BUILDING BARBER SHOP 235-9108
520 SABE NORMAN V WATCH MKR 235-7945
521 VACANT
524 VACANT
525 CLIFFORD BARBER SHOP 232-7189
527 CLIFFORD HOTEL 232-7189
VERSATILE HEATING & AIR CONDITIONING HTG & AIR CONDTG SLS & SERV 235-6649
531 VERHEEK MABEL MRS 235-7281
534 CITY FINANCE CO 234-7427
535 ASSOCIATED LINEN CO TOWEL APRON & COAT SUP 236-1191
ASSOCIATED BUSINESS FURNISHINGS TOWEL APRON & COAT SUP 236-1191
OREGON MOTOR HOTEL SUPPLY 236-1191
---SE 6TH AV INTERSECTS
601 KOVAR'S CAFE RESTR 235-9685
607 ACE-HI TAVERN 235-9488
611 ALUM-A-LITE ALUMINUM CO MFRS 234-9278
612 FIRST NATIONAL BANK OF OREGON THE (BR) 225-2731
617 LADD'S BARBER SHOP 236-9871
619 VACANT
621 VACANT
625 KEMCO INC IND SUP 233-5166
627 KUSLER ALVIN A BOOKKEEPING SERV 232-1525
629 IVAMO APARTMENTS 235-7496
1 SEBASTIAN SAM
2 VACANT
3 VACANT
4 BLACK GINGER MRS
5 YOUNG RAY
6 LACAREY C A
7 SULLIVAN JACK 234-3682
8 VACANT
9 BOYD EVELYN MRS 232-5531
10 DRAEGER ALF
11 DAVIS C ROBT
12 DAVIS T R
14 VALENTINE HELEN A
15 WISEMAN ROBT
16 SMALSKOWSY FAY
17 REED MILDRED
18 ALLEN LOIS 236-1536
19 WEIMOR PHILIP
20 HURD DWAYNE
21 NO RETURN
22 VACANT
23 JONES NEWTON 234-6828
24 SOWELL MAYNARD
25 SMITH ANITA V 234-3218
26 LOPEZ ROBT
27 CHUNG EDW
28 VACANT
29 IGALS KARL R 234-1303
30 VACANT
31 HOOD FRANK 232-9283
32 HANSON BEVERLY
33 STERUD CARL
34 SPARKS KEITH
35 VACANT
STREET CONTINUED
631 NO RETURN
633 VACANT
639 SILVER SKILLET COFFEE SHOP 235-9008
---SE 7TH AV INTERSECTS
700 LANDEEN WELDING SUPPLIES 234-0854
717 EAST MORRISON APARTMENTS
1 VACANT
2 LANG JERRY
3 MALDONDAO LOY
4 HARRISON CARL
5 JOHNSON W G 234-8615
6 CALDWELL ROBT 234-7602
7 VAN DER HEIDER RAY
8 FOWLER JACK 232-4517
9 DUTRA JOHN 232-7967
10 NEIMI MARTHA MRS
11 RANDOLPH JOHN
12 MC GUINNESS ROBT
13 CALVERT ROGER
14 BRUNETTA LEONA
15 YOST BEULAH D MRS 236-8371
16 MORISHITA UTAKA 234-5883
17 WARD FRED
STREET CONTINUED
722 VACANT
725 MAC KINNON TOOL & MACHINERY CO MACH SHOP SUPPLIES 235-8613
726 GREAT WESTERN NATIONAL BANK 234-7451
727 VACANT
729 LITHOGRAPHERS & PHOTOENGRAVERS INTL UN LOCAL 202 234-7403
JOHNSON E A CO AUTO ACCESSORIES & PARTS 235-1130
735 VACANT
---SE 8TH AV INTERSECTS
808 GRAND CENTRAL BOWL 232-5166
GOLDBERG'S RESTAURANT 235-4197
JOE'S FINE FOODS 235-9686
PUMP ROOM COCKTAIL BAR 235-9686
---SE 9TH AV INTERSECTS
927 SMITTY'S SAGEBRUSH RESTR 234-5705
932 PORTLAND INDEPENDENT MILK PRODUCERS ASSN DAIRY 234-9571

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---SE 10TH AV INTERSECTS
1001 BEST DISTRIBUTING CO WHOL AUTO PARTS 232-0145
1029 ALBRIGHT GLASS CO 234-9749
1040 COUNTY DEPT OF RECORDS & ELECTIONS-REG & ELECTIONS 227-8411
---SE 11TH AV INTERSECTS
1115 M & F FINANCE CO INC LOANS 232-9139
1117 PHOTO OFFSET INC PRNTRS 232-1073
1120 BRADLEY'S PIES INC WHOL 232-5195
1135 FRED & LLOYD'S AUTO SERVICE GAS STA 234-3741
---SE 12TH AV INTERSECTS
1200 COUNTY FOOD STAMP PROGRAM 232-6113
1205 CAMP 808 SERVICE GAS STA 236-2743
1230 REX ARMS APARTMENTS 235-9409
2A HOFFMAN ELIZ MRS 234-3452
2B COOPER ROSE MRS 232-2659
3A GOLDSMITH LILLIAN C 232-7636
3B GILLSON LORENA 234-7170
4A FITZGERALD OCTAVIA MRS
4B HORNOR NELLIE 236-1509
5A BRUGGEMANN EDW
5B JAKSHA CHRISTINA R 232-9855
100 LAMERTON RUTH MRS 235-9409
101 EGAN LAWRENCE
102 DINGINGER MAUDE 236-1221
103 WINN GLADYS N 234-1596
104 HARDMAN MARY
201 HINTZ WM
202 HOPKINS DELMA MRS
203 JONES NELLI_ C MRS 234-6282
204 GRIBSKOV CHERYL 234-3159
205 CHILES FLORENCE MRS 236-7466
206 LILLY BESSIE
207 TORR HULDA 235-0490
208 PERRY VIRGIL
209 PUGH VALENTINA
210 GARY OLA M 235-2223
211 HUSTED ROSE MRS
212 WARNER WM
301 WILSON CATH MRS
302 LYTLE OLA 236-0461
303 STURBICK MILDRED
304 BERGE EILEEN
305 GUPTILL ELIZ MRS 234-6049
306 GEIS ERWIN W
307 HEMMINGER MERETTA W MRS 234-3687
308 BASSEM PATTI
309 COOK ALTA E
310 FORD ROBT
311 SULLIVAN JENNIFER S 232-1304
312 BARDMURST NELLIE I 232-5081
401 LAMBERT JOE T 236-6339
402 GORDON ELSIE MRS 232-2514
403 ORDERS DOREEN
404 GILLAN BERTHA E MRS 236-7365
405 ELLIS CHARLES
406 IDLE WM C 235-1310
407 TRANCHELL EVG J 236-4730
408 JIROCH MARY 232-3895
409 FOX RALPH
410 GOULD MARGT P 236-9284
411 MURRAY LAURA
412 MATTHEWS CHRYSTAL K MRS 235-5186
501 CATE EDDIE 235-7330
502 PATTEN BARBARA L 234-6167
503 BINGHAM ISAAC G 236-6162
504 IVERSON D E
505 BOHEN BETH V 232-9725
506 VOWELS ROY
507 CONRAD HARRY M 234-4876
508 WELLS JAUNITA MRS
509 KUNNHAUSEN MARY E MRS
510 JOHNSON LA VERNE R
511 TUTTLE CARL
512 PUTMAN EVA M 234-5759
STREET CONTINUED
1245 PLANN PATTY 236-7483
1247 SUMMERS GLADYS M MRS 234-4112
---SE 13TH AV INTERSECTS
1300 VIC'S SUNDRIES & TOILETRIES 234-1853
1305 RYTTER ELDON A
1307 JACKSON CLYDE A ● 232-3394
1308 HAL'S TAVERN 235-9308
1321 WAGNER DAVID
1322 WILLIAMS B IRVIN ●
1323 ZENDER JOHN ● 232-1713
1327 REID CHESTER J
1328 PRESTO CLEANERS 235-9010
1335 SCHULZ AMY M MRS ● 232-4716
1336 HI'S LAUNDROMAT 235-9775
1339 SCHULZ AMY BEAUTY SHOP
---SE 14TH AV INTERSECTS
1400 HI-TIME ENTERPRISES INC 235-9825
HI-TIME TAVERN 235-9825
1401 KIENOW'S BOHEMIAN PASTRY SHOP 236-3778
KIENOW'S FOOD STORES (BR) 234-7998
1416 E & S BARBER SHOP
---SE 15TH AV INTERSECTS
1502 ROSE CITY OYSTER CO INC WHOL 236-9776
1505 MORRISON COURT APARTMENTS 235-2409
STOUT RAY 235-2409
1507 APARTMENTS
1 SMITH GLADYS
2 VONHAUER DOLORES 236-1715
3 BALES MARLENE
4 THOMPSON EMMA
1511A EDWARDS M J 235-3368
1511B DOVE JACKSON
1511C EDWARDS MABEL J 235-3368
1511D VACANT
1513A GLOVER JESS
1513B MATTHEWS DAVID R
1513C HARLAN ROSE E
1513D GAVETT THEO S 232-6417
1517A BOLA PAULA
1517B WEBBER E M
1517C STRAND OSCAR
1517D EMERSON BUD
1519A VOORHEES EDW
1519B LARSEN KARL
1519C VACANT
1519D JOHNSON MIKE
1523 AMERICAN LOCKSMITH SERVICE 235-1212
1525 GENERAL THREADED PRODUCTS CO WHOL SCREWS AND BOLTS 234-5248
1534 VACANT
1537 MORRIS SCALE CO INC 232-5339

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---SE 16TH AV INTERSECTS
1618 VACANT
1625 BILLY EDW Z
CURTIT HELEN MRS 234-4922
PAGE BEATRICE MRS
1630 VACANT
1635 MICHAELS DARRELL M
1636 DAVIS FLOIE R MRS ● 236-0396
---SE 17TH AV INTERSECTS
1705 BALDOM MARTHA O MRS ● 236-7803
1725 APARTMENTS
1 BELBECK EDNA
2 ROBBINS MADELYN MRS 236-4052
3 VACANT
4 MOODY MARIE MRS
5 VACANT
6 BOONA RUTH MRS 232-5054
7 HENNEBERG INGWALD C MRS 236-3872
1733 MAIWALD PRINTING CO (MACH RM) 236-4759
1736 APARTMENTS
1 HART RANDOLPH M
2 HASHELL ROGER W 232-5515
3 HARRINGTON ELLEN MRS 236-9138
4 HENDRICKSON LLOYD J 236-2320
1737 MAIWALD PRINTING CO 236-4759
---SE 18TH AV INTERSECTS
1802 JENKINS BERTHA D MRS ● 232-9388
BALDORF ROBT O
1807 CHRISTIAN LINDA MRS
1808 HELMER CARL G 234-4122
1811 ANDERSON ELLA MAY MRS 236-4404
1812 VOLK IDA M MRS
1814 CLESSLER WM C 234-6023
1815 TYLER MARGIE MRS
1816 COLE IDA 235-4307
1817 BURKE GARY
1818 WARD FLAVEL A 236-0729
1822 MC CALL FRANCES MRS
1823 MICKELSON DONNA 234-4898
1825 APARTMENTS
1 HITCHCOCK LUCILLE 235-0696
2 HENRY LILLIE L MRS 232-8619
3 NICHELSON DONNA 234-4898
4 VACANT
1828 NO RETURN
1835 SINIZER K 235-4553
1836 FOGARTY PATK F ● 234-1481
BROWN WAYNE L 232-5563
---SE 19TH AV INTERSECTS
1902 CLARK EQUIPMENT CO (WESTERN SALES OFFICE) 233-5311
APPLIANCE BUYERS CREDIT CORP CREDIT FINANCING-LOANS 233-4851
1905 LONE HOLLY MANOR LODGING HSE 235-7807
ELLEFSON INGVALD W ● 235-7807
1917 VACANT (1917 THRU 1921)
1925 ROSE CITY SOUND INC PUB
ADRESS EQUIP 236-4876
1928 APARTMENTS
1931 WESTERVELT CLINTON A ANTIQUE DLR 232-0444
1934 VACANT
1935 COOPER DARRELL
1936 APARTMENTS
1 LYON ROBT
2 VACANT (APTS 2-3)
4 MARICICH VANCE
5 GURNSEY LILLIAN
6 VACANT
7 HOLMES ELVIA B
8 NANN JERRY
1937 CAOWL WALTER L 228-0335
1939 COBWEB THE 235-7129
1940 PICADILLY INN TAVERN 235-9128
---SE 20TH AV INTERSECTS
2046 BORDER ROSCO 234-4678
2052 STEINER JERRY
STEWART JOYCE L 236-6463
210A HENDERSON HILDAGARDE M 234-2452
STOLTE RICHD A 232-5958
2115 COUNTY DIV PARKS & MEMORIALS 233-5861
COUNTY LONE FIR CEMETERY
COUNTY DEPT OF PUB WKS 233-5861
2216 NO RETURN
2230 FREEDOM CENTER PATRIOTIC ORG 234-8493
CHRISTIAN SCHOOL FOUNDATION 234-8493
LIVING AIR BREATHER CO VENTILATION SYSTEMS SLS & SERV 234-8493
REAR HUSS WALTER L

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---SE 23D AV INTERSECTS
2306 CUMMINGS-WARD OIL INC FUEL 234-7571
2320 SHEFFIELD EFFIE M MRS ● 234-4785
2334 DURST RICHD J ● 234-1074
2360 SHEET METAL WORKERS INDUSTRIAL UNION LOCAL 544 233-5676
2402 CUDA THOS W ● 232-5961
2430 HANEY ED G 232-6025
2432 KUTTER HENRY F 235-5058
---SE 25TH AV INTERSECTS
2518 VACANT
2526 NEW BRUNSWICK APTS
1 NIXON ANNE MRS 234-1874
2 WILDT CALVERT T 235-2951
3 SHRIVER ROXANNA
4 BROWN J B 234-3643
2536 APARTMENTS
1 BROWN ETHEL MRS ● 234-8009
2 SZABO IRENE
3 BOLES JERRY 236-2979
4 DIHEL TERESA M 234-6360
STREET CONTINUED
---SE 26TH AV INTERSECTS
2613 POLLACK HAZEL
AMES SANDY
2615 MC CLANAHAN GARY D
MC FARLANE SUSAN
2623 CRUMP EVELYN M 234-5990
2625 SAKANO FUMIE MRS 232-2034
2626 KNUDSON GLENN B REAL EST ● 234-2579
2631 WALTON DOROTHY N 232-3434
2635 KUHLER DVID C ● 235-7958
---SE 27TH AV INTERSECTS
2725 CARLSON GILBERT ● 235-3578
2735 BENSON KARIEN J 235-2518
---SE 28TH AV INTERSECTS
2921 THOMPSON JAMES
2924 GLIMPS STEVE R 236-1293
2926 NELSON LEE
2927 BARGER RICHD E 233-5942
2934 AMARILLA APTS
1 SPAULDING EARL K 235-0311
2 MENCH AMANDA L MRS 234-3486
3 RAGAN GARY M 235-6348
4 MC CLARIN EMMA MRS 234-1871
5 ENGBERG E 232-3675
6 TIDD WM
7 MILES GORDEN W 236-6587
8 JOHNSON ELLA M MRS 234-3720
STREET CONTINUED

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---SE 30TH AV INTERSECTS
3005 LU MANOR APARTMENTS
1 WICK HAZEL M MRS 234-9036
2 HENRIKSEN E O
3 KOLETSON DOROTHY MRS 235-7898
4 BUSHMAN LEILA MRS 235-6408
5 SPIELMAN V J 236-4341
6 STARNES J H
7 CLEVINGER MARGT H MRS 235-3876
8 WORDEN MARY ● 235-7144
STREET CONTINUED
3016 MANGELSDORF JOHN C ● 236-4647
3018 VACANT
3024 DORAN MARIE A MRS ● 236-3524
3030 WEIGEL JACOB ● 232-6288
3038 HIGHLAND THELMARIE G MRS ● 232-0535
3042 GODMAN ALICE S MRS ●
3049 BROWN PAUL W ● 235-6231
3054 VACANT
3101 MARCIA MANOR APTS
HAMILTON MYRTLE I 234-2934
3103 MILLER GAYLE T 232-3031
3104A HALL LOLA M
3104B NESBETT GEO
3105 SMITH ROBT E 235-0140
3107 STEWART CECILE MRS 236-5975
3109 SCOTT CHARLES P
3111 ASHLO DIANE R 234-2516
3112 KENNEDY HOMER J ● 232-0771
3113 BOHLANDER JIM L 236-0876
3116 RUCKMAN EDW W 235-0459
3117 ANDERSON JOSEPHINE V MRS 232-7975
3119 JOY HARRY E 236-7730
3121 HILL FRED B ● 235-6743
3125 PEARSON ERNEST H ● 235-7721
3128 WEBSTER CHERRY C MRS ● 232-0368
3129 BURGER NANCY G 234-1844
3131 ECKERSLEY PATRICIA A MRS
3133 NO RETURN
---SE 32D AV INTERSECTS
3205 NECK VIRGINIA W MRS ● 236-2221

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---NE AINSWORTH ST INTERSECTS
6024 ZIRR JOSEPH D ● 287-6135
6025 MOORE SAM L 288-1041
6032 FORD ROBT ● 288-3815
6033 VACANT
6104 LEE BEN ● 284-3382
6107 DAVIS VIVIAN MRS ● 281-5173
6112 HAMPTON ROOSEVELT ● 281-4334
6115 VACANT
6120 BRIGGS HERMAN L JR ●
6125 KOCH PETER C ● 284-6170
6130 SWAIN RAYMOND E ● 288-3147
6131 REED JAMES ● 284-7180
6204 GOVAN DRISDEAN MRS ● 281-2336
6205 PENNY JOHN JR ● 284-8257
6216 NO RETURN
6217 TONAN HERMAN ● 282-1456
6220 SETTERGREN WM 281-1035
6235 WATSON J RUSSELL ● 287-6651
6326 WRIGHT LOUIS D 282-8232
6243 RICHARDSON GEO E JR ●
281-4513
6244 ZWAHLEN JOHN S ● 282-6715
---NE HOLMAN ST INTERSECTS
6324 LIVESAY VIRGIL W ● 287-2277
6333 WEBSTER JACK D ● 282-2852
6336 VACANT
6344 PRUITT CAROLINE MRS ●
287-2005
---NE HIGHLAND ST INTERSECTS
6401 CHURCH OF THE LIVING GOD
287-2985
6404 DUCKETT BARBARA J 287-7847
6414 SMART MINNA O MRS ● 281-1728
6424 LOTZ DWIGHT D 281-9504
6431 MC DONALD EDW ● 284-2930
6436 WARD MAUDEL ● 282-2834
6457 COOK WILLIS ● 282-2166
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---NE PORTLAND BLVD INTERSECTS
---NE DURHAM AV INTERSECTS
---NE MADRONA ST INTERSECTS
7009 VACANT
7018 DEMETER PAUL S ● 289-5222
7028 JOHNSON OSCAR ● 285-7884
7033 PHILLIPS EONA L MRS ●
289-7539
7114 BARBER BENJ ● 285-3860
7115 EAVES CLAUDE L ● 285-3055
7122 NESBITT ALBERT E ● 285-1602
7127 THOMAS ETHEL E MRS ● 289-6768
---NE BUFFALO ST INTERSECTS
7205 TRYON ARTH E ● 285-1815
7206 ORR FRANCIS F ● 285-3241
7215 JACKSON ADYE ● 285-9623
7216 DERRING CONRAD ● 285-3823
7224 WHITE ADELA T MRS 289-2572
7225 WINTERS NEWT ● 289-6486
7235 SEDILLO RUTH MRS ● 285-2463
7236 BRAME HERMAN ● 289-2587
7244 NOFZINGER ERVING
---NE HOLLAND ST INTERSECTS
7666 JUNGLING HATTIE 289-6145

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10TH AV NW -FRDM 1001 W BURNSIDE ST NORTH

---ZIP CODE 97209
10 TENTH AVENUE BUILDING
K I S N RADIO STATION 226-7191
KIGER ESTIN B COML ARTIST
222-6464
REED DELBERT COML ARTIST
222-6464
UNITED METHODIST CHURCHES CH CONFERENCE HDGTRS 226-7931
28 VACANT
---NW COUCH ST INTERSECTS
100 ARMORY AUTOMOTIVE SERV INC BODY REPR 227-6165
109 BLITZ,WEINHARD EMP
122 CLARENCE'S AUTO UPHOLSTERY 222-6188
---NW DAVIS ST INTERSECTS
205 PRINTING INC 226-4901
NORTHWEST LIGHTING SUPPLY FIXTURES MFRS AGT 224-9612
206 WALKER ELECTRIC WORKS MOTOR REPR 226-5828
213 MC GUIRE BEARING CO AUTO PARTS 226-2678
221 FARNHAM E A & CO BODY SHOP
222 NORTHWEST INDUSTRIAL SALES INC INDUSTRIAL SUPS WHOL 223-1543
224 PACIFIC NORTHWEST KARATE ASSN 227-6217
227 FARNHAM E A CO PAINT SHOP
229 ACME FINISHERS ELEC APPL REFINISHING 223-7807
230 OTIS ELEVATOR CO 227-5676
235 FARNHAM E A CO INC AUTO BODY REPR 227-1255
---NW EVERETT ST INTERSECTS
300 VACANT
301 SPECIALTY AUTO GLASS CO 227-1224
306 VACANT
312 OLD BUDDHIST TEMPLE BLDG 228-8501
MARTIN WILLARD K ARCHT 228-8501
TIMMERMAN INTERIORS INC OFC FURN SLS 224-7235
315 UNITED STATES NATIONAL BANK GARAGE AUTO PARKING
322 VACANT
327 UNITED STATES NATIONAL BANK (PURCH DEPT) 225-4421
330 COLUMBIA AUTO WORKS UPHOL 227-6674
---NW FLANDERS ST INTERSECTS
404 DEHEN KNITTING CO 223-0056
416 CITY PARKING & SIGNAL SHOP
430 CAMPBELL WEISS REPROGRAPHICS INC JOHN F CAMBELL TREAS 222-3264
435 CUMMINGS TIRE CO UNIROYAL HOME & AUTO CENTER 223-6193
---NW GLISAN ST INTERSECTS
509 EOFF ELECTRIC CO WHOL EQUIP 222-9411
525 EOFF ELECTRIC CO (PARKING)
---NW HOYT ST INTERSECTS
630 NORTHERN WHOLESALE HARDWARE (STGE)
---NW IRVING ST INTERSECTS
720 RAPID TRANSFER & STGE CO (WHSE)
3725 UNDER CONSTN

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10TH AV SE -FROM 1001 E BURNSIDE ST SOUTH

---ZIP CODE 97214
9 VACANT
10 LEVIN M E SON ELEC EQUIP 233-4920
11 NO RETURN
30 EDWARDS-KAUFFMAN CO CO FOOD BROKER 234-5024
---SE ANKENY ST INTERSECTS
115 VACANT
135 VACANT
---SE SANDY BLVD INTERSECTS
---SE ASH ST INTERSECTS
---SE PINE ST INTERSECTS
---SE OAK ST INTERSECTS
404 BOLICH MILKA MRS ● 236-9538
406 MC ALLISTER LORAINE MRS
412 MARTINEZ CARLOS
418 BALL LUCILLE M MRS 235-1876
420 GEORGE DON R 236-1465
421 ALLEN DWIGHT F COML ARTIST 232-9524
BLACKLY FRANK E JR ARCHT 232-5812
ERA INC 235-1006
NATIONAL ASSN OF LETTER CARRIERS 232-5315
PORTLAND POSTAL EMPLOYEES CREDIT UNION CREDIT UNION 235-3128
---SE STARK ST INTERSECTS
---SE WASHINGTON ST INTERSECTS
636 UNITED SALAD CO INC 232-7175
---SE ALDER ST INTERSECTS
715 OREGON AUTO SPRING SERVICE INC PARTS MFRS 234-9611

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---SE MORRISON ST INTERSECTS
800 PERFECT FIT MFG CO AUTO SEAT COVERS 234-9325
---SE BELMONT ST INTERSECTS
910 FISHER'S PRODUCE CO WHOL
915 CAL-FRANK PRODUCE WHOL 232-5232
CARUSO PRODUCE EXPRESS 236-8208
GOURMET FOOD PRODUCTS INC WHOL 234-6631
BAR-TUR FOOD INC (BR) WHOL GRO 234-5739
921 MARKET CLUB RESTAURANT 235-9494
927 GATTO & SONS WHOL FRUIT AND PROD 235-5589
940 FAZZIO FRUIT & PRODUCE INC 233-7121
---SE YAMHILL ST INTERSECTS
1000 S T PRODUCE WHOL 236-8628
1030 KIBE MASSY PRODUCE CO WHOL 234-2118
---SE TAYLOR ST INTERSECTS
1127 OREGON BRASS WORKS 232-7121
1138 AIR FILTER SALES & SERVICE INC 233-5101
---SE SALMON ST INTERSECTS
---SE MAIN ST INTERSECTS
---SE MADISON ST INTERSECTS
1427 STURGILL INSTRUMENT CO SPEEDOMETER REPR 234-2395

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---SE HAWTHORNE BLVD
---INTERSECTS
1513 MARGE'S CAFE
REAR SPETS JAMES A ● 236-7274
1525 TAB PRODUCTS OF CO OF OREGON (BR) MFRS AGTS 233-4878
1528 DAVENPORT ELSIE M MRS 235-6214
1532 JOHNSON CAROL
1534 COOPER HARRY T 232-6951
1536 RHODES H W 235-4444
BAKER HARRY
1538 BOLLMAN RUTH E MRS 234-8791
REAR GOOCH WM
---SE CLAY ST INTERSECTS
1616 VAN HOOMISSEN CHARLES J ●
---SE MARKET ST INTERSECTS
1711 AMERICAN BAKERIES CO 234-6421
---SE MILL ST INTERSECTS
1810 MERCHANTS RIVERVIEW DELIVERY CO AUTO LEASING 233-4721
MERCHANTS LEASING CO TRUCK & AUTO LEASING 232-7141
1835 KERR FRUIT CONCENTRATES INC 234-2252
---SE STEPHENS ST INTERSECTS
1906 COAST TRANSPORT INC 232-5148
---SE HARRISON ST INTERSECTS
2000 ALVER KENNETH
2004 BUTLER EDITH M 234-7929
2012 APARTMENTS
1 ALBRIGHT LESTER
2 HANNON ANNIE MRS
3 FLORE MARIE 236-4883
4 HARPOLE ISAAC JR 233-3948
2013 VACANT
STREET CONTINUED
2025 PRATT'S MORTUARY SERVICE 234-9221
PRATT B DOUGLAS 234-5141
2035 DAVIS ELIZ N MRS

933
---SE LINCOLN ST INTERSECTS
2100 A B C METAL REFINISHERS INC METAL PLATING 233-5073
VICTORY PLATING WORKS INC 232-0175
2103 A B C METAL REFINISHERS (STGE)
2129 GRANTEN APARTMENTS THE
1 SIMPSON CLYDE G
2 PORTER MICHL E
3 GOODWIN DURHAM 235-0973
4 HARSHA ANNE
5 BRIONES D T JR
6 CHRISTOPHER J A
7 MONISH AL
8 SIEMERS BERNARD P
9 BLIVEN B J
10 VACANT
11 CHAMBERS GORDON G
12 VACANT
STREET CONTINUED
---SE GRANT ST INTERSECTS
---SE SHERMAN ST INTERSECTS
2304 HASSLER CLIFF G 234-0155
2313 VACANT
2318 CHRIS' POULTRY FARMS EGGS WHOL 236-8768
2319 WOLFF EMIL C 236-0156
2326 LYNN CHARLES H ● 236-8243
2332 SCHELLENBURG GENEVIEVE A MRS ● 232-9930
---SE CARUTHERS ST INTERSECTS
2405 STUELPNAGEL NORA
2413 JORDAN IRVIN V ● 235-3018
2430 MOTLEY HULON M ● 236-6731
2434 CARTER PATRICIA MRS
2435 COAST INDUSTRIAL SUPPLY CO INC INDUSTRIAL FASTENERS 233-7773
2441 PORTER EMMETT S ● 235-3050
2449 VACANT
2451 VACANT
2920 RUB-A-DUB CAR WASH 236-8022

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---SE BROOKLYN ST INTERSECTS
3033 NO RETURN
3035 ROHDE KATH 234-3861
3036 SFID WALTER B ● 235-7047
3041 REED DOROTHY
3044 SCHMITT ALBERT C ● 235-1104
3100 NO RETURN
3101 GRIFFITH APARTMENTS
1 MANNEL HAZEL MRS 235-2372
2 BAILEY BETTY R 235-3239
3 COCHELL ROSE MARY
3111 LEWIS FRANK R
3112 HASLAM CARL W ● 235-2226
3116 BREAZEALE HAROLD D ●
3117 BERGSMA DOLORES L MRS 233-7256
3121 NO RETURN
3126 DAY NITA MRS 232-2003
3127 HUBACH FRED E 234-4234
3202 MITCHELL JAMES G 234-7641
3204 TATE NOAH ● 234-4657
3207 BAKER JOHN A ● 232-2473
3215 KLEMANN LINDA 236-8174
3216 KLEFFNER ARNOLD A ● 236-0525
3217 LAMP ALICE 236-6947
3224 KLEFFNER EDW J 232-8815
3226 HARLAN DOLORES A MRS
3229 BOWDEN JAY
BARNHART JOHN
---SE FRANKLIN ST INTERSECTS
3305 SCOTT DONALD E ● 236-9237
3320 BYERS HAZEL A 235-3541
3324 VACANT
3325 BRANDENBURG L VERN F ● 236-0292
3334 HENDERSON MARGUERITE ● 232-4383
3339 MARTIN JUDITH MRS 236-3734
3340 VACANT
3343 RECORD JACK
3371 KEITHLEY HERBERT H ● 235-4055
3381 DAVIS FREDK L ● 235-6042
3385 WATERS D PRESTON 232-9735
3387 SWANSON FRANK W ● 235-0416
3395 HELLER DAVID R 236-9665
3399 NO RETURN
---SE HAIG ST INTERSECTS
3403 PERCY JAMES F 232-7987
3407 LIND DONALD 234-7652
3410 REYNOLDS ELMER L JR ● 235-3480
3411 ENGLE MICHL L ● 233-7235
3421 DOWNEY ALBERT T ● 236-2489
3424 APARTMENTS
1 RAYMOND WM L 232-8827
2 DREYER STEPH J 236-0906
3 NO RETURN 232-2361
4 NO RETURN
3430 MANGIANTINI LIDIA ● 235-3534
3431 KURKINEN SOPHIA MRS ● 236-2355
3440 BRISINDI ANN MRS ● 236-7692
3443 HUDSON ANNA D MRS ● 235-5487
3448 ADAMSON DEVERNE 232-1300
---SE RHINE INTERSECTS
3507 KOPPELMAN PAUL D ● 236-5922
3508 MILLS LEAH ● 236-8592
3514 HENRY EDNA E MRS ● 236-3630
3520 ECKTON DONALD W ● 232-2422
3521 ARRANT LEONA MRS ●
3529 MELETIS DEMETRIOS C ● 236-7811
3603 CORNELL CHARLES D ● 235-3642
3606 WELLS ERNEST
3613 HOOVER HARRY L ●
HOOVER ELIZ A MRS
3614 CORBETT WM H ● 232-6081
3622 CORBETT JAMES R ● 236-3793
3625 GRECO IGNATIUS J ● 232-2669
---SE RHONE ST INTERSECTS
3702 SEELEY DONALD C ● 235-3476
3706 RIVERS HARRY R ● 234-2641
3711 WHITMORE L C ●
3718 ROHAN JOHN D ● 236-7366
3723 GEORGE ROBT ● 236-3723
3726 GUYER SAML T ● 236-1330
3735 RINELLA AUG D ● 232-0907
3740 GUIMONT DELMER P ●
3745 ROBIRDS RICHD L ● 234-1528
3748 TAYLOR FRED R
3750 EBENER DON F 236-0022
3758 FESSLER RAYMOND P ● 236-9086
3759 STREMICK MORRIS L ● 235-2696
3767 DOERFLER THERESA K MRS ● 232-3068
3775 KAISER ANDREW ● 232-7682
3778 BOCHSLER JAMES J ● 234-8907
---SE BUSH ST INTERSECTS
3805 SCHERZINGER JOHN A ● 236-9765
3806 JOHNSON EDW J 235-5898
3813 LIGHTLE THOS R
3818 SCHMUNK HERBERT ● 236-7535
3823 CRATER KATHLEEN M 235-5158
3830 PRODINGER ANASTASIA MRS ● 236-3194
3903 HOFELE MARY M ● 232-7886
3908 HANSON A RODNEY ● 235-2809
3915 HARVEY HENRY L ● 232-3094
3918 LANCEFIELD ERNESTINE MRS ● 235-2515
---SE CENTER ST INTERSECTS
4003 FELTZ EMIL E ● 232-6655
4006 VACANT
4013 BROST PETER W ● 234-5914
4014 KENDRICK LARRY
4016 FOX EVA G MRS 235-4068
4018 SHAFFER ELDON
4020 BARTELL JEFF 236-8810
4024 BERRY RUSSELL J ● 236-3193
4025 NIZIC JOSEPH ● 236-2030
4105 WAGER ELIZ MRS ● 232-6817
4106 ALWINGER ELIZ MRS ● 234-1694
4115 DEMO KEN
4116 GOURNEAU ERNEST J ● 232-2578
4122 GLAUBITZ DON G
4123 PFEFFER FRANCES C MRS ●
---SE BOISE ST INTERSECTS
4214 TJADEN HERMAN ●
4223 COLBY WM A ●
4224 KIEFEL JOHN R ● 235-7671
4235 NANUS EDW H ● 232-4593
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7708 BROWN TERESA 235-4760
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8111 NO RETURN
8114 MURPHY ELLEN L MRS ● 232-4297
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3 HOGENKAMP ED
4 MADISON CLAYTON B 232-4520
416 NO RETURN
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A NO RETURN
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704 STUART MARY APARTMENTS
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1007 CANDELIER SHOP THE ANTIQUES 232-6654
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13 TESSIER ERNEST W 235-3673
101 PAULI CORA A 232-5834
102 RISING RUTH MRS
103 CARLSON HENRIETTA 235-6443
104 SEYBERT CONSTANCE R MRS 234-6968
105 KAY GLADYS M MRS 235-2845
106 ERICKSON AGNES I MRS 235-6485
107 POTTSMITH MARY M MRS 236-1985
108 CULNAN FANNIE E MRS 232-8781
109 ZILK ALBERT A 232-6412
110 VACANT
111 PRICE CHRISTINE MRS 236-9042
112 MC GIRR ELIZ L 232-2049
113 NANCE ELIZ 236-4855
201 JOHNSON CARL J 236-4694
202 CARRITHERS LOIS A MRS 234-9052
203 NELSON ANNA MRS
204 HAINES GLADYS R MRS 235-7797
205 HOFFMAN AUDREY MRS 232-6669
206 MILLS MARY
207 CHAN ANNE MRS 236-4550
208 FITZSIMONDS MARGT M MRS 232-6453
209 LINDLE ANN 235-7327
210 HANSEN RUTH MRS 232-4601
211 GORE RUBY V 232-3300
212 HAACKE L M MRS 235-7401
213 VAN WAYNEN ANNA S MRS 236-3223
STREET CONTINUED
1639 VACANT
---SE MULBERRY AV INTERSECTS
---SE MARKET ST INTERSECTS
1711 NEW LIFE CLEANERS 234-3424
APARTMENTS
A WONG BRIAN 232-6968
B LEE GERALD 235-6007
C WONG ON MRS
D LEE HOY K ● 236-8044
E VACANT
1717 IWAMOTO RAY T
1719 NOW J H 234-4131
1720 STUART RADIATOR DISTRIBUTORS INC 234-7585
1723 KWAN JIMMY 236-9419
1725 CHAN WAH KUI 232-1921
1737 NORTHWEST GROCERY TRUCK SERVICE
1738 IVORY I TAVERN 235-9820
1742 SIX NINETEEN CAFE 235-9949
1748 FITTERER STEVE ● 235-5292
---SE MILL ST INTERSECTS
1802 APARTMENTS
1 FLEMING GEORGIA M MRS 232-4719
3 VACANT
5 CORRIGAN EDW J ● 236-8084
STREET CONTINUED
2 LEO EDW 232-3261
4 SMITH HARRY E ● 234-2601
6 HALL GLADYS G
1809 APARTMENTS
2 FORRESTER ED
3 FRYE GEO W
4 BOOTH J H 232-2986
1816 LENOS DAN J ● 232-5278
1817 LANDSBERG HELEN M MRS ● 235-7397
LUXON TRINETTE 235-7114
1825 APARTMENTS
1 PAYNE CAROL A
2 VACANT
3 CLARK E B JERRY 234-7016
4 STILLICK ROGER D 234-3479
5 BUTLER BARBARA
1834 VAN METER FINLEY C ● 236-8166
SHAKLEE PRODUCTS DISTRIBUTOR VITAMIN PRODUCTS 236-5560
1844 BRITTON LANSING W ● 232-3087
---SE STEPHENS ST INTERSECTS
1902 SNELL ELDON A ●
GAVIN SOPHIE MRS 236-5020
SHANNON JOHN 232-6274
1903 LAKE JOHN G ● 234-1771
1907 LAMB MERRILL C 232-3885
1912 KOENIGSHOFER MATHILDA MRS ● 235-6268
1915 LEE STEPH N S REV 236-0953
1918 ASKEW CLYDE B 236-2702
1924 BASHAW WENDELL L ● 232-8288
1926 ANDREWS OSCAR H ● 232-9292
1933 VACANT
1940 APARTMENTS
1 LINDSEY ESTHER MRS 236-7670
2 ADDINGTON JUDY F 236-4982
3 FLOREY ROBT D 233-7452
4 DELAND DENNIS
5 SWANKIE MAXINE 236-1952
6 SMITH ELEANOR
7 COPE PATRICIA M 236-7459
8 ROMESNO JASON
9 ERICKSON GORDON 234-5531
10 SWITZER LUCILLE 236-3186
11 KURTZ JACK 233-6567
12 WILSON ROBT N 236-2750
STREET CONTINUED
---SE HARRISON ST INTERSECTS
2011 HANSON HERBERT J
2014 MARLA APARTMENTS 236-3925
101 HILLS LEON 236-3925
102 GRULKE NINA MRS 234-6204
108 ROBINSON HOWARD L 234-8075
201 KNIGHT WALTER
202 KRENZEL LEONA
203 WACH IVY L MRS 235-8154
204 DOHERTY ERNEST 232-3053
205 LANDWERMEYER GEO M
206 HILL JACK E
207 OVERLAND CARL
208 OLDEJANS DONALD R 234-5834
301 GRAHAM R S
302 WEHRLY FRANK 234-2714
303 LEGG JOHN
304 ANDERSON CLAUDE
305 SMITH LUEMMA 235-7026
306 NEOVIC MICHL
307 DEVLIN SHIRLEY
308 STAAB FRED 234-4493
STREET CONTINUED
2019 TAKABAYASHI TADAO 232-8933
2021 JENKINS FANIS H 236-3369
OLIMANSKA SAM S ● 232-1233
2028 KAGAWA JOHN ● 232-5610
2038 MILILLI GUILIO ● 236-3651
2044 SMITH LARRY L 232-7877
2046 KONSELLA S 236-0044

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---SE LINCOLN ST INTERSECTS
2102 VIRGINIA LEE APARTMENTS
1 NAKAMURA JAMES
2 MARLA LENORA MRS
3 CLINGER BERT
4 DOHERTY RICHD J
5 CHERKEZOV STAN
6 BALL PHILLIP
7 WEAVER JOHN
8 SMITH CYNTHIA
9 KUYPERS PETER
10 ABRAMOWITZ DANNY
11 LONG WALTER
12 THOMSON BRUCE
STREET CONTINUED
2110 LEE FRANK C ● 236-8612
2115 CARSON RALPH
2117 BODNER HARRIS S 236-1244
2120 LOUIE ANDREW ● 232-6321
2123 WAMPACH MARCUS 236-0997
2128 NAVARRA JOSEPH ● 234-4786
2138 LEININGER FLOYD A ●
2146 SMELSER DAVID G
2148 HANSON MARY E MRS ● 232-3695
---SE GRANT ST INTERSECTS
2203 MURPHY FAYE L MRS 236-0564
2204 POLICARPO CAPPOLLARI ●
2212 RICH ROBT F ● 236-1667
2215 APARTMENTS
1 LOWE DOLLIE
2 TAGGART MILDRED M MRS
3 MELDRUM MILDRED MRS
5 JAEHNKE MARY J
6 LANG LEA
2225 PARKER MARY L
2237 MOORE WM H ● 232-3667
---SE SHERMAN ST INTERSECTS
---SE SPRUCE ST INTERSECTS
2303 NO RETURN
2314 MULLEN VERN O 236-0517
2315 AMATO JULIA M ● 232-5663
2323 DE MOOR ODELL A ● 235-3800
2328 CREITZ RUSSELL ● 232-7377
2333 WELLS BOBBY L ● 235-7873
WELLS LANA M
---SE CARUTHERS ST INTERSECTS
2407 BIRKLAND LEIF 235-1150
BUNCH WM G
2417 ALGAR AGNES MRS ● 234-3840
2421 WILKINSON LAVERN ● 236-1570
2436 TWELFTH AVENUE MOTOR SERVICE AUTO REPR 236-0546
---SE ELLIOTT ST INTERSECTS
---SE DIVISION ST INTERSECTS
2524 APARTMENTS
1 WHITE GLENNA 235-9137
2 LA MAR DAVID
3 CHARLOE JAMES
4 VACANT
5 STEVENS JULIA O MRS 236-9054
6 CAYCE MARSHALL
7 THOMAS GENE
8 BLANCHARD CHRISTA MRS
2527 TRI-M-MECHANICAL MAINTENANCE MANAGEMENT AIR CONDITIONING SERV 234-3155
2529 MASON SUP (STGE)
2534 VACANT
---SE IVON ST INTERSECTS
2606 CORDI SALES CO FOOD BROKER 234-6559
2616 BUDDHIST DAIHONZAN HENJYOJI TEMPLE (YOUTH BLDG) 232-6352
2622 HENJYOJI DAIYU Y REV ● 236-5505
2634 BUDDHIST DAIHONZAN HENJYOJI TEMPLE 232-6352
2637 MASON'S SUPPLY CO BLDG MATLS 234-4321
---SE CLINTON ST INTERSECTS

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---SE POWELL BLVD INTERSECTS
---SPCO TRACKS CROSS
---SE MILWAUKIE AV INTERSECTS
3131 VACANT
---SE KELLY ST INTERSECTS
3212 CURRY FRANK 235-2918
3219 SMITH ELEANOR L MRS 236-5721
3226 ZURBRUGG RUTH A MRS ● 235-6274
3236 JENSEN S LE RUE ● 235-4041
---SE FRANKLIN ST INTERSECTS
3305 LEE TONG JUNG ● 235-3715
3306 BRISTOW DEANE 232-4702
3314 REYNOLDS JACK W ●
3315 CHOY JEANNETTE MRS 235-5584
3325 MARCHI PAUL ●
3334 SLEEP RICHD H TRUCKER 235-8048
3335 CLEMO HENRY 235-6267
---SE PERSHING ST INTERSECTS

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---SE PERSHING ST INTERSECTS
---SE BOISE ST INTERSECTS
4205 MEREDITH NELLIE C MRS ● 236-3992
4214 GILBERT LAWRENCE 236-9204
4217 ESTES THELMA ● 236-4872
4224 CAMPAGNA RENALD F ● 236-4226
4227 SMITH VERNON M ● 232-5541
4235 SOMMERFELD MILDRED MRS ● 232-4209
4236 BRADY JOHN P ● 236-3976
---SE CORA ST INTERSECTS
4335 GIFFORD RENA ● 232-2485
---SE MALL ST INTERSECTS
4407 VACANT
---SE REYNOLDS ST INTERSECTS
4454 CONOVER J MRS ●
4470 DAY ROBT F 236-7438

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12TH AV SW -FROM 1201 W BURNSIDE ST SOUTH

---ZIP CODE 97205
302 VACANT
303 MAJESTIC HOTEL 227-9992
JAMES N H
308 KENT HOTEL 227-9255
EASTLEY RAYMOND
---SW STARK INTERSECTS
400 SURGICAL SALES INC 228-6439
401 JAKE'S GAY NINETY'S COCKTAIL LOUNGE 227-4203
JAKE'S FAMOUS CRAWFISH RESTR 227-4203
409 WINSTON ARMS 227-9412
LAPARR ROBT
JARMAN DONALD

DOWNTOWN: 317 N.W. Broadway
SOUTHEAST: 10561 S.E. Division
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255-5007

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4935 DIETRICH HENRY W ● 281-2533
4936 BECKER JOHN J ● 281-2397
4946 WINTER LELAH M MRS ● 287-4413
---NE ALBERTA ST INTERSECTS
5003 WATERS MATHEW
5011 STEVENSON WALLACE A ●
287-3186
5020 WILSON JAMES A
5021 MITCHELL EUG A
5028 GARNER ALEX ● 284-5633
5029 AVENT ELEANOR M MRS
5034 SCHLICK SIGNA L MRS ●
281-4075
5035 FINCK SOLOMON C ● 287-0351
5044 NO RETURN
5045 FOUGHTY ORTON P ● 284-7411
5050 BAILEY JAMES R ●
5051 BOSWELL MARION ● 281-9933
---NE WEBSTER ST INTERSECTS
5112 BRATBERG GINA M ●
5121 NESBIT HARRY L 282-7545
5122 VACANT
5126 WARNEKE IDA A E MRS ●
282-9483

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---NE WEBSTER ST INTERSECTS
---NE SUMNER ST INTERSECTS
---NE ROSELAWN ST INTERSECTS
5210 PHIL'S TREE SERVICE SPRAYING
& TRIMMING 287-5480
DOBBS PHILLIP D ● 284-0759
5265 CLAY CHARLES
---NE EMERSON ST INTERSECTS
5310 VACANT
5321 LEAVELL ELVIN D REV 287-1845
5322 KENNEDY LLOYD E ● 287-7263
5406 ECKERLEIN FRANK L ● 282-0705
5420 DAVIS JEANNE MRS 284-3039
5430 HIGHLAND PARK CHURCH OF
NAZARENE (YOUTH CENTER)
---NE KILLINGSWORTH ST INTERSECTS
5524 BROWN ELLA W MRS 281-1050
5602 HANSET DONALD J ● 287-7378
5603 CRAWFORD MABEL J MRS ●
284-4379
5612 HARGROVE WILLIE E 287-5974
5615 SCHEID CARNA L MRS ● 282-8209
5622 BUTLER KENNETH R 282-6360
5625 ORR JOHN L
5633 PULLIAM HOWARD E 288-1573
5634 BAKER LLOYD E ● 282-6516
5635 KING OAMASCUS 284-4247
5702 NO RETURN
5705 CAWTHORNE HERB
5707 WALTON CHARLES V 282-0449
5712 COLE ERMA F ● 287-1068
5713 REYNOLDS ALVIN W ●
5723 WORRELL CARL T ● 284-7692
5733 PEARSON HILDA MRS 282-6695
---NE JARRETT ST INTERSECTS
5807 VACANT
5814 AMBROSE DELBERT A ● 284-8924
5815 BEBEE LEE ● 284-5156
5826 BRAZIL JOSEPH E REV ●
281-5217
5826 HILL ROBT C ● 287-5680.
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5835 HYNDMAN RUTH Q MRS ● 287-8654
5844 WHITTEBERRY RICHD R ●
284-4369
5845 RANDALL ERNEST ● 281-3800
5850 CARR MYRTLE R MRS ● 287-7976
5901 JOHNSON GEO H ● 287-6548
5904 JONES BRUCE B ● 282-2769
5911 COMFORT SCREEN & WINDOW CO
281-8967
HEINZ CARL J ● 281-8967
5912 NO RETURN
5915 MC MURRAY OSCAR 281-6423
5919 BOOM CHRISTINA MRS ● 281-0417
5930 BUTLER ROBT E ● 287-0846
5931 MC CALMONT JAMES ● 282-1153
5938 OVERTON SCOTT K MFRS AGT
5945 KLEUSCH LILLIAN E MRS ●
281-0990

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---NE AINSWORTH ST INTERSECTS
6010 RUSH OTIS C ● 284-1634
6015 WILDE JACK E ● 281-2055
6024 MAC DONALD WM C ● 282-6616
6025 WESTPHALL GEO
6034 WASHINGTON EDW J ● 284-1743
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6126 SMITH CLEVELAND
6132 HAGUE ROBT
6133 WRIGHT MYRON ● 282-9482
6201 VACANT
6206 RICE L LA VONNE ● 281-5047
6210 NO RETURN
6215 LANDERS STANLEY A 287-5367
6224 HALL JACK W ● 282-6421
6229 NOEL LEON 288-2725
6232 PAUL'S JANITORIAL SERVICE
282-0468
PAUL ROYAL J ● 282-0468
---NE HOLMAN ST INTERSECTS
6305 EDWARDS GILBERT J ● 282-5302
---NE HIGHLAND ST INTERSECTS
---NE PORTLAND BLVD INTERSECTS
---NE BELLEVUE AV INTERSECTS
---NE MORTON ST INTERSECTS
6532 CITRON STEVE E
6536 VACANT
6547 VACANT
---NE LIBERTY ST INTERSECTS
---NE LENORE ST INTERSECTS
---NE JUNIOR ST INTERSECTS
6717 HOPPER HAZEL I MRS ● 284-1426
6720 PIERCE ALMA K MRS 285-4267
---NE DEKUM ST INTERSECTS
6816 ROBERTS BILL 289-4116

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---NE SARATOGA ST INTERSECTS
6909 BOWMAN GLEN O ● 289-3102
6918 ULIBARRI MANUEL A ● 289-1463
6932 DURR JOHN L ● 285-4158
6941 ALLMAN SYLVANUS B ● 285-5113
---NE WINNONA ST INTERSECTS
---NE BRYANT ST INTERSECTS
7020 SALAGVARDA ALBINA MRS ●
289-2802
7038 BENNETT REUBEN M ● 289-4694
---NE WOODLAWN ST INTERSECTS
---NE MORGAN ST INTERSECTS
7132 WILLIAMS ROBT L ● 285-7017
---NE BUFFALO ST INTERSECTS
7207 VACANT
7224 WHITE PERRY V ● 285-2313
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7243 WILLIAMS JAMES L ● 289-5893
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7334 NOZAKI JOHN L ● 289-2926
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7515 NORTHWEST PROTECTIVE COATINGS
INC PAINT APPLICATORS
285-4631
7520 OVERHEAD DOOR CO OF PORTLAND
GARAGE DOORS 289-0211

932
13TH AV NW -FROM 1301 W BURNSIDE
ST NORTH

---ZIP CODE 97209
---NW COUCH ST INTERSECTS
102 BLITZ WEINHARD (STGE)
115 CRONIN CO THE (KENTILE WHSE)
---NW DAVIS ST INTERSECTS
221 PLATT ELECTRIC (WHSE)
225 OLSEN ROE TRANSFER CO (WHSE NO
2) 222-3000
---NW EVERETT ST INTERSECTS
300 PLANKINTON FISH CO WHOL 227-6416
---NW FLANDERS ST INTERSECTS
401 VACANT
---NW GLISAN ST INTERSECTS

13
---NW HOYT ST INTERSECTS
---NW IRVING ST INTERSECTS
---NW JOHNSON ST INTERSECTS
---NW KEARNEY ST INTERSECTS

934
---NW LOVEJOY ST INTERSECTS
1039 WILBUR-ELLIS CO (WHSE)
---NW MARSHALL ST INTERSECTS
---NW NORTHRUP ST INTERSECTS
---NW OVERTON ST INTERSECTS
---NW PETTYGROVE ST INTERSECTS

912
1630 S P & S RY (BRIDGE & BLDG
SECTION)
S P & S RY (SECTION CREW)
S P & S RY (WATER SERV)
---NW SAVIER ST INTERSECTS
1705 BURLINGTON NORTHERN INC (YARD
OFC) 228-9111

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13TH AV SE -FROM 1311 E BURNSIDE
ST SOUTH

---ZIP CODE 97214
---SE ANKENY ST INTERSECTS
121 THORSEN KEN 234-8003
SHANKY WM D
124 HOWARD APARTMENTS 236-6477
A WEBSTER STEVEN A 235-7891
B THORP FRANK
C VACANT
D VACANT
E WODDY J K
F DORMAN RUSSELL H
STREET CONTINUED
136 APARTMENTS
A WILDER JAMES M
B HANNULA SHERRYL
C KEMMER CLARENCE W
D STONE RUTH ANN
E HALL FLOYD
F GRAHAM JACK 236-6477
---SE ASH ST INTERSECTS
215 GIBSON LECLA MRS 234-3691
216 OE BUSK JOHN E 234-2597
218 LIEPELT DIRK 235-7183
225 SHEVCHENKO ALEX 232-7289
226 KINDBERG CARL
239 OWENS JAMES 235-7158
STREET CONTINUED
---SE PINE ST INTERSECTS
314 VACANT
315 HANKS HEBERT 234-0115
324 FINAN JAMES R 236-6437
325 MC GUIRE EDW
325½ JOHNSON MARVIN
---SE OAK ST INTERSECTS
419 NORTHWEST PAPER BOX MFRS INC
232-7124
423 BENT & GYNTHER PRINTING EQUIP
& REPPS 235-1237

232
---SE MORRISON ST INTERSECTS
812 SPECIALIZED QUILTING &
DRAPERIES 236-7035
822 BRINKMAN JAMES N 234-3433
---SE BELMONT ST INTERSECTS
900 HUNT N LEE MRS ●
904 HULBURT HARLOW R ● 235-7102
915 NO RETURN
916 LIDSTROM ED ●
923 APARTMENTS
1 FIELDS BETTE MRS
2 CADBURY CALVIN
3 VACANT
4 WARNER DONALD
5 JONES CLARA B
6 SADBERRY D M 234-1809
924 SCIBETTA SAML F 232-1782
---SE YAMHILL ST INTERSECTS
1013 KORN LEON E ● 236-3766
1016 PRICE JAMES F ● 235-4448
1030 TALBITZER HOWARD 232-5854
1032 GREER GORDON D
1034 MARVIN MAYBELLE V MRS
232-9275
1036 BRUNTON BETHEL B MRS 235-6510
---SE TAYLOR ST INTERSECTS
1105 CLAIRE APARTMENTS 236-6306
1 AITON BILL 234-1262
2 LAMPHERE F R 232-5612
10 DANNELLS GEO W 236-7418
11 VACANT
12 BARRETT LINDA
14 LONG JIM
15 MORRISON JOHN
16 VELLA CHARLES 236-6306
20 PENCHARD NORA
21 STEELE JAMES 232-8453
22 AVANDA JOHN
24 MERRILL FORREST
25 TAYLOR RICHD
26 MITCHELL DALE
30 PETERSON RONALD
31 CHRISTENSEN NELLIE 232-4421
32 TRACKWELL PHILLIP
34 MURPHY HOMER
35 MC CLUSKEY LESLIE
36 FONG LOUIS 232-9815
---SE SALMON ST INTERSECTS
1223 MAYFIELD EDNA M MRS ●
236-8458
---SE MAIN ST INTERSECTS
1303 IRINAGA TOKIYO MRS 236-1719
1315 APARTMENTS
A HATTON EARL T
B GERLACH ROBT H 232-7578
C BOUSHA MEARLE E 236-1056
D LERNER MOLLY MRS 232-9258
---SE MADISON ST INTERSECTS
1421 VACANT
--- SE HAWTHORNE BLVD
---INTERSECTS

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---SE DIVISION ST INTERSECTS
2508 LINNEBUR JAMES E 232-1514
2513 PODLETO MARIE
2514 BROCKHAUS BERTHA A MRS
232-9631
2518 BOOTH SUZANNE MRS 234-3553
2519 CASTALLO THERESA M MRS
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2537 DE FORD WILBERT E 234-2084
---SE IVON ST INTERSECTS
2605 BAILEY PATRICIA
2615 TERRELL GLEN L 235-6228
---SE CLINTON ST INTERSECTS

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---SE POWELL BLVD INTERSECTS
3111 WACO SCAFFOLD & EQUIPMENT CO
INC 234-9783
---SE KELLY ST INTERSECTS
3205 MULTNOMAH TILE CO CERAMIC
WALL TILE 234-7515
3215 WOOD MARION L ● 236-4269
3216 STREIMER JOSEPH F ● 232-0656
3223 LONG CHARLES R E ●
3226 NO RETURN
3234 SPRAGUE DOROTHY A MRS
232-9070
3237 FRANCESCHINI EMILIA MRS ●
---SE FRANKLIN ST INTERSECTS
3305 MC COMMON ROGER D 235-2268
3316 HOLM SOREN F ● 234-2524
3324 KRAUSE JUNE A MRS ● 236-6619
3325 CICCOZZI NAZARENO S ●
235-5812
3334 KILGORE MILTON F ●
---SE PERSHING ST INTERSECTS
3352 KASNER WM W ● 235-3757
3353 DISABLED AMERICAN VETERANS
DEPT OF OREGON 236-8409
LEONARD SPENCER ● 236-0523
3356 LINDENTHAL PAUL J ● 235-6156
3364 ROLLER HAROLD R 236-8895
3367 CHAN CHO PING ● 234-4029
3372 WICKS MILO L ● 236-6774
3373 SANCHEZ RUDY 234-8698
3387 JAMESON HOWARD L
---SE HAIG ST INTERSECTS
3405 REISZ MICHL P ● 236-3307
3411 SPLAWN GLENN W ● 236-7982
3414 BROWN THERESA G MRS ●
236-4021
3417 BOUCHARD EUG ● 235-7041
3423 KUBLI FRED R ● 234-2288
3424 HOAG JOHN B ● 236-6688
3434 LOUIE LINN 236-8436
---SE RHINE ST INTERSECTS
3502 JACKSON CHARLES A ● 235-1466
3505 WHITE ROBT S ● 235-5048
3518 PIERCE MASONIA C MRS ●
232-4284
3523 BOPRI ANTONIO ● 232-0865
3524 SATO KAYO MRS ● 234-4913
---SE LAFAYETTE ST INTERSECTS
3601 SCHMELTZER M LEE ●
3604 WEISSENSUEHLER ALBERT F ●
235-0340
3611 RITCHIE REDUS ●
3614 DAHLGREN TED P 235-4244
3622 ROBERTS ANTHONY
3624 KAPLAN JAY
3625 BUSON ELIZ P MRS ● 236-3374
3628 WOOLSEY LONZO ● 232-6252
3640 GARDNER GEO L ● 236-7746
---SE RHONE ST INTERSECTS
3704 VACANT
3705 ELIX DONALD R 236-6556
3706 COFFEY KATHLEEN MRS
3716 DONKERS MARY E MRS ● 236-3452
3723 MILLER DANL V 232-5235
3726 DURBIN MICHL 232-7789
3734 BAIRD ORA J BLDG CONTR ●
236-6916
---SE BUSH ST INTERSECTS
3803 BICKFORD CHARLES U 236-7735
3804 PHILLIPS VERA MRS
3818 AMERMAN LAWRENCE ● 235-8282
3828 MC CONKEY ALICE K MRS ●
3838 SHASKELFORD CLARENCE T ●
235-6815
3848 ROSSI J J 236-5223
3904 MC LAUGHLIN WARREN M ●
236-6768
3914 SHEFKO THOS ● 233-7818
3924 PERAGINE TONY J ● 234-2338
3932 PURCER WM W ● 235-4447
---SE CENTER ST INTERSECTS

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---SE MARTINS INTERSECTS
6106 YOUNGER KENNETH L ● 236-5133
6111 MAYER BRUNSWICK R ● 232-3539
6115 DURBIN RONALD D ● 232-7363
6120 SINGER JACK I ● 235-5526
6129 STAINBROOK WESLEY L ●
235-5632
6138 BRAUTLACHT WM J ● 234-6758
6139 LANG LOYAL C ● 235-6134
---SE CARLTON ST INTERSECTS
6209 STAATS HAROLD E ● 235-4663
6225 DOUGLASS HERBERT M ● 236-8221

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6309 STEDMAN GEO A 236-9047
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7018 GRAHAM CLYDE S ● 232-4879
7030 BLANTZ CLEMENT H ●
7060 SMITH CURTIS C ● 236-9179
---SE RURAL ST INTERSECTS
7104 MOE CONRAD R ● 236-8915
7114 VACANT
7126 SIGRIST OSCAR ● 235-2337
7138 BLACK DONALD H ● 232-1358
7152 ECKLEY MATHILOE MRS ●
232-3604
7214 BLACK MARY M MRS ● 236-4233
7215 WILLAMETTE VIEW CHIROPRACTIC
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OWEN JAMES A ● 234-5212
7230 JANSEN RICHD E ● 236-5507
---SE SELLWOOD BLVD INTERSECTS
---SE KNAPP ST INTERSECTS
7306 SCONCE RALPH W ● 236-6703
7315 WILLIAMS ROBT A 232-1068
7316 QUICK LYLE D ● 236-1802
7406 VAN SINGLE MENZO ● 236-4322
7409 SCOTT STELLA MRS NURSE
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7414 MC QUILLIAM WM J ● 232-0409
7419 SHRINER RALPH ● 236-0592
---SE FLAVEL ST INTERSECTS
7504 WELLS HOWARD B ● 236-1436
7509 STEWART WALTER F ● 235-0252
7514 CRIST NAILAN ● 234-8312
7519 FITCH WAYNE D ● 236-8170
7524 MARTIN FLORENCE M MRS ●
236-3995
7536 ELWOOD JACK C ● 236-3470
7539 BURGETT VICTOR N ● 235-1826
---SE REX ST INTERSECTS
7604 PURCELL DELMOS O 236-6988
7614 BOUSHA BYRON O ● 236-6720
7615 BRADY MYRTLE E MRS 232-9027
7617 STOLDT VINA F
7624 THORNWALL MARY E MRS ●
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7629 HAYS EDW F ● 232-0958
7634 MYERS WALTER A ● 232-3519
7637 KEMP JOSEPH V ● 236-3462
---SE MALDEN ST INTERSECTS
7704 PINEHURST PRE-SCHOOL DAY
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7730 PECCIA & CARNESE UPHOLSTERING
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7733 INTERNATIONAL REALTY (WHSE)
---SE LAMBERT ST INTERSECTS
7805 PATTERSON HAROLD N 234-8121
7814 WHEELER HAZEL V MRS ●
235-5568
7824 WOLF IRENE MRS ● 236-4631
7828 MUCKEN GARY L 233-3860
7834 BARBARA'S BEAUTY SALON
235-9753
7835 KEITH'S MARKET NO 13 234-7922
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---SE BIDWELL ST INTERSECTS

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WORLD WITHOUT WAR COUNCIL EDUC ORGANIZATION 235-7616
---SE SANDY BLVD INTERSECTS
---SE PINE ST INTERSECTS
425 NEW ERA EQUIPMENT CO LNDRY EQUIP 233-4634
UNITED PACIFIC CONTROLS INC MFR ELEC WATER SYS CONTROLS 232-6136
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---SE STARK ST INTERSECTS
523 VACANT
526 PRODUCE TRANSPORT DISPATCH 236-8521
---SE WASHINGTON ST INTERSECTS
606 STATE GRAIN INSP DIV 235-6636
---SE ALDER ST INTERSECTS
725 BOTSFORD & GOODFELLOW INC 233-4692
730 GENUINE PARTS CO 236-1171
733 DISTRIBUTE WAREHOUSE 234-5085
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---SE BELMONT ST INTERSECTS
930 LIVESLEY PHIL A CO INC WHOL PRODUCE 234-6451
---SE YAMHILL ST INTERSECTS
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1306 CUSTOM STAMPING & MFG CO 234-0626
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1313 CAMERON HILDA M 232-2018
1315 PARAMOUNT SUPPLY CO WHOL INDUSTRIAL SUPS 232-4137

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---SE HAWTHORNE BLVD
---INTERSECTS
1505 CONROY R W CO (SHIPPING DEPT) 234-0268
1510 BEAVER BUILDING 235-9497
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VETERANS OF FOREIGN WARS DEPARTMENT OF OREGON 234-6755
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1535 BILLINGS & CRONN CO PLSTR CONTR 235-2131
CEILING SYSTEMS INC ACOUSTICAL CONTR 235-2131
---SE CLAY ST INTERSECTS
---SE MARKET ST INTERSECTS
1733 ALASKA YUKON SOURDOUGHS
BIG WESTERN CLUB
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1821 GLEASON MARIE C 235-4827
1835 PALMER PRINTING CO 235-2928
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1902 VACANT
1926 SULLIVAN WRECKING CO USED BLDG SUPPLIES 232-3442
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2014 UNITED INDUSTRIAL ELECTRIC INC ELEC MTR REPR 232-5141
2029 INTERSTATE BRASS FOUNDRY INC 234-8833
2035 SPREIER E D
TURGEON REGINA 234-2305
2037 VACANT
2037A LITTLE MYRON

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2105 WESTERN ENGINEERS INC CONL REFGRS 235-3193
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2305 WESTCRAFT SEATING PRODUCTS CO OFC FIXTURE 233-6349
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2337 SCOTT EMERY J • 235-1653
---SE CARUTHERS ST INTERSECTS
2410 VACANT
2416 ADSTAT CO ADV STATISTICS 235-4520
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2422 BOCCI ROSE MRS • 236-9024
---SP CO TRACKS CROSS
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2801 BEAN JOHNNY MACHINERY CO SLS WOODWORK MACH 235-1223
BEAVER STATE MACHINERY CO METAL WKR MACHY EQUIP SLS 232-4404
2808 CROWN MANUFACTURING CO ALUMINUM AWNINGS 234-6513
IRWIN HODSON METAL MANUFACTURING CORP 234-1761
2838 IRWIN-HODSON CO PRNTRS & LITHOGRAPHERS 236-1161
2855 PACIFIC NORTHWEST BELL (RECORD CENTER) 224-6261

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---SE POWELL BLVD INTERSECTS
3004 JOHNSON ROBT
3006 KANE RICHD • 232-5432
3007 VACANT
3013 HOPKINS FRANCES MRS •
3014 VACANT
3019 CANDELO NINO G •
3022 MOSIER MARVIN R
3026 DAGGETT BRUCE 232-7013
3028 NELSON FLOYD V 235-2063
3034 NIELSEN LEHI V •
3035 ANTONACCI MELVA MRS • 235-3403
3043 GONZALES TONY 235-1305
3044 KYES DONALD E • 235-1175
3114 VACANT
3115 NO RETURN
3122 SULLIVAN ARTH G 236-4738
3123 MULLINS FRANCIS M • 235-0392
3131 EWING MARGT
3132 VACANT
3205 HANSEN LOIS B • 235-4504
3212 VACANT
3213 MC CLINTOCK GOLDIA I MRS • 236-1305
3214 NO RETURN
3223 BROOKES MICHL 232-4709
3224 FROELICH J M • 236-9647
3225 VACANT
3229 HAGEN GERTRUDE M MRS • 232-7714
---SE FRANKLIN ST INTERSECTS
3316 VACANT
3324 HENDERSON JENNIE MRS • 232-1667
3330 LONGORIA SARAH MRS • 232-2603
3333 NO RETURN
3336 APARTMENTS
1 FISHER ROBT E 235-1250
2 MARKER EDW H 235-5204
3 LOUXSIE MARDI MRS
4 GEISLER JUDY E
5 NO RETURN
6 VACANT
3343 VACANT
3358 THEILER EDMUND J • 235-2784
3376 GRAPPERHAUS DALE J • 232-7376
3380 WACHSMUTH ELIZ J MRS • 232-8873
3385 PLANER TERRY L 234-8007
3387 WRENCKEN JOHN G 232-8206
3395 DOUGLASS DONALD B • 235-1543
---SE RHINE ST INTERSECTS
3405 HEATH H W • 236-7126
3406 BERARDINELLI LUO A • 236-2509
3415 KNOX KERRY 233-6728
3416 GOSS W THOS • 234-9451
3426 LEAR JOSEPH D • 235-3014
3433 KLEFFNER LEO H • 235-7935
3438 HUBBERD SHARON MRS
3441 REIF VERONICA M MRS 232-9995
3444 VACANT
3449 BRUCH A J • 232-8881
3500 STEMLOH ANNA M MRS • 236-3786
3511 WETHERALED CHARLES •
3512 APARTMENTS
A OLER RALPH 236-7120
B YOUNGER ENID A MRS 232-9853
C COOMBS WM F 232-4330
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3520 APARTMENTS
A PETERSEN OSCAR E • 232-5941
B GOOON NAPOLEON J 232-5941
C JENSEN ANNA M 236-9761
D MC GRAW PATRICIA A 232-7012
3525 BEST FENCE CO 235-0675
PINE DONALD A • 235-0675
3603 REED MARY 233-2437
3604 TRACY LARRY
3605 WHITEHEAD DARYLL L 234-4944
3613 SCHELER GEO 235-0768
3614 MORGAN JAMES R • 236-3857
3615 SPRING JOHN 235-6008
3623 PIERSON HARVEY P • 236-9787
---SE RHONE ST INTERSECTS
3708 WALTERS DONALD O 234-2869
3712 CENTONI MICHL E 234-7844
3724 FUNK KATHRYN W MRS • 235-5747
3725 FRIEDHOFF JOSEPH G • 234-2575
FRIEDHOFF JANET
3734 SERICKO LENA R
3735 NAKOFF CHRIS B • 232-6664
3743 STARK MARIE MRS • 236-1801
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3756 REINKE TRVIN G • 234-4903
3757 MEAGHER HELEN G MRS • 232-8970
3763 DOERN LEOPOLD J • 232-2406
3764 PANICHELLO SAM W •
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---SE BUSH ST INTERSECTS
3801 HODAPP FLORENTINE E • 232-1773
3817 REVERMAN FRANK J • 232-8050
3818 TIBBITS ALICE M MRS • 236-0807
3826 BUZZELLI DOMINICK L • 236-5652
3829 KURTH EDWIN G • 236-4852
3904 WETTENGEL JOHN F • 234-2596
3907 VACANT
3914 ANDERLE ROSE A MRS • 236-1539
3923 WILKE FRANK A • 232-1805
3924 CARRUTHERS LAWRENCE D • 233-6819
---SE CENTER ST INTERSECTS
4004 WATERWORTH TED V • 236-3661
4014 SEIDEL F J • 234-5551
4017 RETCHLES GLENN E 232-4484
4023 BONN SYLVESTER • 236-6264
4030 MC CURLEY THOS J JR •
4105 BELL JACK 235-0648
4110 VACANT
4115 NO RETURN
4128 SCHWERDT JO •
---SE BOISE ST INTERSECTS
4203 MOFFENBEIER BENJ M • 236-4343
4208 SCHOEPP LEE A • 235-4271
4215 EMIG ALF B • 232-3915
4222 RUFFNER GOLDIE MRS • 234-2795
4225 FRACK BERNARD A • 232-3744
4237 WILLIS FRED
4245 PUDDY DENNIS A • 235-2828
---SE CORA ST INTERSECTS
4328 ELVRUM EMIL V • 236-1374
4340 GLENN ROXY M MRS • 236-3108
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---SE SELLWOOD BLVD INTERSECTS
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7636 BALL CHERIOAH M MRS • 234-4940
---SE MALDEN ST INTERSECTS
7704 CUTONE MICHL T • 232-8280
---SE LAMBERT ST INTERSECTS
7826 POLLOCK CECILLE MRS • 236-8126
---SE BIDWELL ST INTERSECTS
7866 ANDERSEN RUSTEN L • 232-5645
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7875 SZEIMIES ERNEST E • 236-2096
7885 SPASOWSKI EDW J • 234-3260
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7925 BAHLING ROBT V 236-7177
7930 LEWIS DAVID R • 232-2711
7935 CARSON LLOYD E 236-7510
---SE MILLER ST INTERSECTS
7953 TURNER LOIS C MRS • 236-4364
7961 TARRANTS KAINO M MRS • 235-3389
7971 CREW WM E • 235-6367
---SE NEHALEM ST INTERSECTS
8007 NO RETURN
8013 NELSON LUCY MRS 235-4727
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8028 SHAFFER BILL • 236-3066
---SE SPOKANE ST INTERSECTS
8054 KILWEIN MARIE A MRS 236-3220
8057 VAN RHIJN WM 232-0709
8064 HEUKER AGNES T MRS • 236-8231
8065 BRUMM VERTA M MRS 235-0872
GRINAGE CECIL 235-0872
8075 PFAFF JOHN E • 234-2883
8085 MALUNAT HORST H 236-3389

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---SE TACOMA ST INTERSECTS
8110 GERTTULA CHARLOTTE M MRS • 236-8190
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8116 MARCUM LILLIAN MRS 235-2296
8122 WATERS ROBT 235-3975
8124 NO RETURN
8125 BRADLEY D 232-3736
8135 NO RETURN
---SE TENINO ST INTERSECTS
8204 ALLGEIER OSCAR • 236-4395
8205 YOST MARIE • 236-7862
8214 WHITNEY ORIE F • 235-1162
8225 LOGAN EDW JR • 236-2015
---SE UMATILLA ST INTERSECTS
8315 JOHNSON JAMES R 234-8684
8317 NO RETURN
8319 LEIGHTNER DOUGLAS B JR 236-0345
8325 NO RETURN
8335 SWOYER JOHN G • 236-0195
---SE HARNEY ST INTERSECTS
8402 MEDLEY ROBT B • 235-1004
8403 HORN HARVEY • 236-8692
8415 JOHNSON SEVERT • 236-7589
8416 EGGER MARY E MRS • 236-0614
8423 DEEMS ERNEST A • 235-7077
8424 BAUER MARIE MRS • 235-1207
---SE SHERRETT ST INTERSECTS
8503 KINGSBOROUGH DAN • 232-8772
8504 NO RETURN
8511 BLANKENBECKLER HANEY H •
8512 HUFF GEO C • 235-2580
8523 TYLER FLORENCE E MRS •
8524 KULLANDER RHODA H MRS • 235-7550
8535 HARTH HENRY A • 235-7055
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8613 SAYRE DAVID R • 236-1202
8625 BENJAMIN IDAHAY J • 236-3838
---SE MARION ST INTERSECTS
8714 CONROW DARWIN K 232-7606
8715 GIANNETTI HELEN MRS • 236-7830
8736 RITTENBACH BRUCE E 235-4579
---SE LINN ST INTERSECTS
8805 BRAULT DOROTHY E • 236-5521
8815 SMESRUD ROWELL MRS • 234-3858
8823 HOLN CPAL L MRS • 234-2675
8824 HOLLAND LARRY W •
8724 SHERWIN ROBT M 233-3813
8833 SUNDQUIST AUG A • 236-0320
8834 HEFT JOHN WM JR 232-5729
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8844 FULLER THOS W 234-6032
8854 RANTA WARREN • 233-6997
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8874 COHN PETER C • 234-7681
8877 LA MEAR DOUGLAS F •
8879 WAVERLEY MANOR APARTMENTS 232-6741
2 BROWN RALPH
3 LONG DONNA MRS 236-0164
4 MC EWEN HIRAM E • 232-6741
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8881 MALOY ROBT C • 234-1756
8881B VACANT
8889 STOKES WM R JR 234-3262

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203 POWERS JOHN ROBT SCHOOL MODELING SCH 227-2429
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HERZOG DONALD J AGENCY INS 223-7057
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314 MYLER BUILDING ROOMS
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15 VACANT
17 VACANT
STREET CONTINUED
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---SW STARK ST INTERSECTS
409 TRANSAMERICA TITLE INSURANCE CO (NORTHWEST DIV) 222-9871
420 VERNE'S NINTH AVENUE BARBER SHOP
422 VACANT

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---SW WASHINGTON ST INTERSECTS
---SW ALDER ST INTERSECTS
622 HOTEL EATON 223-7291
WOCHNICK IVA MRS
626 COFFEE TIME CAFE 227-8343

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710 ZELL BUILDING
FLOORS
2D FL VACANT
3DFL VACANT
STREET CONTINUED
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724 DINERS FUGAZY TRAVEL TRAVEL BUR 222-1063
728 ROMAN'S TAVERN 227-9955
729 UPTOWN AUTO PARKS INC
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821 GUILD THEATRE 226-2577

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200 CALDWELL MYRTLE F 289-4708
201 PATTON JOHN 289-3166
202 PYKO STIINA MRS 289-7618
203 SOMMERS JAMES
204 PETERSEN FRED H 289-8215
205 WARD JOHN L 285-3453
206 MITCHELL JOHN
207 ROLEY HELEN J 289-3619
208 ANTTILA HULDA MRS 285-9756
209 BIELE LOUIS C 289-7570
210 MOONEY JAMES H 289-5130
211 COOK C WM
212 WILLIAMS BDYD
214 BRAEDLEY ESTELLE A 285-4234
215 VACANT
216 OLSON OSCAR L 289-1412
217 SCHOMMER GEO L 285-6272
218 MITCHELL JAMES
300 ROBERTS NORMAN
301 LOGGAN GARY
302 RIEDEL DONALD L
303 PEERCE FREDA
304 UITTO WALTER J 285-6772
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306 HOBSON WILMA C 289-3940
307 ELLIDTT HUGH
308 WALES VIVIAN B MRS 285-6925
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310 VACANT
311 MEYER JOHN F 289-0058
312 ARNOLD HERBERT B
314 SCOTT RUTH B 285-1635
315 DUNN ROBT L 285-0969
316 VACANT
317 LAIRD GERTRUDE I MRS 289-3835
318 HOOK THOS
STREET CONTINUED
5430 CHILI BOWL RESTR 285-7251
5438 APARTMENTS
1 FLANERY JENNIE MRS
2 VACANT
3 VACANT
4 VACANT
5 VACANT
6 VACANT
9 VACANT
STREET CONTINUED
---N KILLINGSWORTH ST INTERSECTS
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1 VACANT
2 VACANT
4 VACANT
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5626 VACANT
5632 VACANT
5634 HALDORS MELVYN 289-5320
5635 VACANT
---N JESSUP ST INTERSECTS
5705 HALL JOHN ● 289-7056
2 VACANT
3 WILSON ALF W
4 VACANT
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5745 ASHER JOSEPH A 289-8280
5747 CARRUTHERS MARYON 285-2272
5749 FITZSIMONDS LARRY W 285-9724
5751 ANDERSON CARL G
5801 DULONG JAMES R 289-8560
HENDERSON ROY 285-0877
5806 HAASE JOHN A ● 289-0357
5814 OEETZ RAYMOND C 289-7916
KARRICK KIM
5815 VACANT
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5824 BIELMAN ROBT A 285-7822
5833 MC LAUGHLIN JOHANNA A MRS ● 289-1605
5838 BUSINESS CONTROLS OF OREGON BKPG SERV 285-4466
EOLING HERBERT L ● 285-4466
---N SIMPSON ST INTERSECTS
5903 BEVERAGE WM ● 289-7409
5915 LAURION ALYCE H MRS ●
5920 VACANT
5921 AHO BARBARA MRS 285-3093
5922 APARTMENTS
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1A SMITH ILA MRS 285-1091
1B KEEFER WM
2 OLSON DALE 289-7506
3 VAN FLEET JESS L 285-7038
4 PARKER JOHN
5 WILCOX CALVIN
STREET CONTINUED
5924 WASHINGTON WILBUR C
5926 WRIGHT STEPH
5931 NDACK ERNEST C
5933 VACANT
5940 GILLESPIE FRANK RICHFIELD SERVICE GAS STA 289-9345
5949 VACANT
---N AINSWORTH ST INTERSECTS
6015 BARNES EDITH R MRS ● 289-2310
6017 KOIVUNEN GENE I 285-1324
6033 ALBERTSON AL L ● 285-2800
6103 NALUM OLAF W ● 289-5607
6111 WHITMORE MARGT S MRS ● 285-7806
6121 JOHNSON ALBERT ● 285-6920
6133 MOORE CLEVE ● 285-6074
6145 LOGUE MILDRED M MRS ● 285-5717
6205 COX CLIFFORD M ● 285-8997
6215 VACANT
6225 RILEY RICHD C MRS ● ROBERTS KENNETH 289-0256
632E ROSEBORO COURT APARTMENTS
1 MILLER LAWRENCE P ● 285-2906
2 WORSNOPH FRANCIS A 285-8992
3 ERICKSON V KULLA MRS 285-1974
4 CARLSON LOIS M 289-6946
5 PAYNE LOUISE MRS 285-3193
6 GIBBS LOUIS R 285-7516
7 HERBOTH ALBERT J 289-4473
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6345 ALBINA APARTMENTS
1 BLAINE ROSE M MRS 285-8054
2 FORRESTER TROY 289-3703
3 NEUFELD EDITH A MRS 285-6158
4 ALEXANDER EMMA I MRS 285-5337
5 THOMAS ELSIE V 285-6040
6 NO RETURN
7 DAVIES EUNICE E 285-3820
8 NELSON KATRI K MRS 285-5772
9 ROSS LUELLA F 285-5835
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6400 PENINSULA PARK 285-4222
6411 ANGELINE COURTS
1 VACANT
2 VACANT
3 BUSCH LESLIE G 289-2972
4 MAC GREGOR RUTH J MRS 285-7145
5 WHITE SUSIE MRS 285-5495
6 HAKKINEN AINIO A 289-3112
7 ALLOWAY GERTRUDE MRS 289-7747
8 TOY RAY N 289-4615
9 LAUBER PAUL H 285-5762
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6425 THOMAS FOOD STORE GRO 285-5455
---N HOLMAN ST INTERSECTS

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---N PORTLAND BLVD INTERSECTS
6506 PURDY & SONS STANDARD SERVICE STATION 285-9466
6524 PURDY & SONS INC DISTRIBUTOR FOR SUP COACH CORP 285-0446
6603 LOPEZ GENARO G 289-4429
6605 VACANT
6615 LAYTON DONALD J 289-5437
6625 CLAPP PHILIP S REV 289-9466
6627 FRANCK DONNA C MRS ● 289-7223
6635 VIERTOLA AXEL ● 289-7792
6701 URBACK LESTER H ● 285-5347
6711 MOORE JACK 289-7736
---N DEKUM ST INTERSECTS
6805 HOLZMAN RAYMOND J ● 285-4825
6806 CRETE ROBT A ● 285-2425
6814 VIG OSCAR ● 285-1364
6815 YEAGER GERALD L ●
6822 SCHLEVE HAROLD B 285-4870
6823 VUKSICH STANLEY J ● 285-4422
6831 RUNYON EDW ● 289-9924
6832 THOMAS FRED L ● 285-4707
6835 SHIELDS HELEN ●
6845 WEATHERSPOON HATTIE 285-3148
6849 WEATHERSPOON HENRY E ● 285-7805
6850 HARRY THOS D ● 289-3477
6902 WHITTAKER WILBUR 289-3946
6903 MAKELA PAUL 285-2039
6911 ANTHONY EUG V JR ● 289-3033
6914 THOMAS NELLIE H MRS ● 285-7905
6918 LEACH RAY B ● 285-4306
6919 STEWART BLANCHE MRS ● 289-1910
6925 WOOD HARVEY ● 289-0109
6926 BEAMAN CLIFFORD L ● 289-6029
6934 NELSEN KATIE L MRS ● 289-4456
6935 HOPPINS CHARLES E ● 285-6865
6943 MALETA MICHL E ● 285-4214
6944 KINDAID RALPH C ● 289-6396
---N BRYANT ST INTERSECTS
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7008 HESNER JOHN A ● 289-6503
7011 VIRGINIA LEE BEAUTY SHOP 285-4917
7013 ELMER'S BARBER SHOP 289-8529
7014 EDWARDS CARL M ● 285-4206
7023 STABEN CLAUDE K ● 289-3181
7024 MC KINNEY WALTER W ● 285-2355
7032 BERGS DARRELL ● 285-4011
7039 HELLNIUS GUS E ● 285-9768
7042 RIPPE ERNEST L ● 285-8039
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7052 MONTROY STEVEN J ● 285-4789
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---N MORGAN ST INTERSECTS
7102 POTTICARY FLORENCE J ● 285-2304
7107 LEHMANN JOHN ● 285-2710
7114 HUNT L JEAN MRS ● 289-7508
7115 CASEY ROBT W 285-8772
7122 KUGLER PATRICIA ●
7125 NELSON RUTH A MRS ● 289-3071
7134 VACANT
7137 PALMER HENRY ● 289-2942
---N BUFFALO ST INTERSECTS
7204 ANDERSON GALE R ● 285-3115
7207 PAMPLIN JOHN R
7211 VAN CITTO GLADYS J MRS ● 285-4263
7214 PONTIUS LUCY E ● 289-0892
7224 HAYNES WM R ● 285-5843
7235 VACANT
7236 MALETA ALBERT G ● 285-2461
7237 VACANT
---N HOLLAND ST INTERSECTS
7303 DONOVAN JAMES E ● 289-0102
7304 SCOTT HARRIET D MRS 283-2012
7314 ESLER VERN L ● 285-3258
7315 MAYES GUY R ● 289-0219
7331 JOHNSON VERN A ● 289-9860
7334 RAMKE FREIDA MRS ●
---N STAFFORD ST INTERSECTS
7401 LOMBARD BEAUTY SALON 289-0438
POTTER GEORGIA ● 289-0438
7404 ADDIS MAURICE FURS FURRIER 285-3288
REAR ADDIS ELLEN L MRS ● 285-3288
7414 ANGELATS BEAUTY CENTER 285-3900
WILSON ANGELA T MRS ● 285-3900
7416 VACANT

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---N LOMBARD ST INTERSECTS
7506 WESS JOHN A ● 289-1874
7515 FRANK LEO J 289-0537
7517 LUNAN ALLISON W 289-5451
7525 BREDESEN SIGURD E ● 285-1543
7530 ANDERSON JEANIE A MRS ● 285-1596
7544 ROBERTS LEN D ● 285-1951
7549 NO RETURN
---N RUSSET INTERSECTS
7607 HARRINGTON WARREN W ● 285-8774
7616 BERRY NANCY L MRS 285-5834
7619 OINSE ALF J ● 285-1669
7623 HAYS HAROLD R ● 289-8711
7624 MOORE DONALD J ● 289-0457
7633 JOHNSON EDW A ● 285-1356
7634 SACARISEN CARL J REV ●
---N BALDWIN ST INTERSECTS
7656 GREEN MORTON E ● 285-7678
7665 GLOSS CHRISTIAN V ● 289-4412
7666 RYAN LLOYD L ● 285-2767
7675 WILLEMSE PETRUS J ● 285-6312
7678 KNOWLES GRACE D MRS ● 285-1785
7684 OIENES HENRY F ●
7685 COULTER ERNEST R ● 289-6714
---N FARRAGUT ST INTERSECTS
7716 CHADWICK HARRY A ● 285-6776
7719 BAKER JOHN H ● 285-0823
7726 EVANS COLLEEN A MRS ●
---N TERRY ST INTERSECTS
7816 MEUNIER DONNA J 285-2967
7823 O'DELL MERLE E ● 289-6980
7824 TUCK BURNIS E 288-6430
7834 FINNESTAD OLAF W ● 285-3382
---N WINCHELL ST INTERSECTS
7907 KOPP CORA E ● 285-3425
7924 COPE DONALD L ● 285-8460
7933 SIMMONS GEO T ● 285-8995
7934 SWEETENS LLOYD
---N WATTS ST INTERSECTS
8017 LAIRD DONALD H ● 289-1791
---UPRR TRACKS INTERSECTS
8215 UNION PACIFIC RAILROAD KENTON FRT OFC 285-1516

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ALDER CT SE -FROM JUNCTION OF SE MORRISON ST AND SE 30TH AV SOUTH

---ZIP CODE 97214
3020 HALL FRANK W 232-6226
3022 HARN MARY C MRS 232-4745
3025 PRINCE RICHD C ● 235-3574
3033 BARKER CHARLES J ●
3037 CRAVEN LUCILLE P MRS 232-8700
3041 ROGERS KENNETH E ● 236-4726
3043 O'BRIEN J H 232-3735
3048 WILSON DNA V MRS 232-5038
3050 MATTHES HERBERT L ● 232-1820
3100 TETRICK DEL 235-7257
3114 MADSEN MARIE MRS ●
3118 HOLO PREBEN 232-9083
3119 PARELIUS HERMAN ● 234-2080
3124 VACANT
3126 CHAMBERS JOHN R JR 233-7864
3128 TURNER DONALD
3129 PALMER HAROLD P 232-0555
3130 MORTON MARY J 234-1626
3135 HEDIN RALPH E ● 232-2059
3141 MC CARTNEY EVA A MRS ● 236-6256
3142 EARP CHARLES F ● 235-7142
EARP CHARLES H ● 235-7142
3149 MC MARTIN INA C MRS 235-1726
---SE 32D AV INTERSECTS
3215 APARTMENTS
1 THOMPSON JAMES H
2 CULTICE DIANA G 236-1266
3 VACANT
4 COLLINS DANIEL P 234-3714
5 LOUGHREY MARK S 236-9083
6 TRIBBY JOHNNY J 236-5301
3227 FREEMAN LOIS MRS
3234 DECKER HOWARD E ● 235-5673
3235 WALTON MARGORY ●
3240 HELM GWEN MRS ● 236-6887
3242 HOWARD DAISY M MRS 233-6980
3244 RICE JAMES L 234-0154
3245 SHACKELFORD JAMES L 232-6570
3246 DAUGHERTY JOYCE MRS
3248 MORGAN MIRIAM 235-7605
---SE 33D AV INTERSECTS

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ALDER ST SE -FROM WILLAMETTE RIVER NORTH OF SE MORRISON ST

---ZIP CODE 97214
---SE WATER ST INTERSECTS
---SE 1ST AV INTERSECTS
---SP CO TRACKS CROSS
102 LARSON BROKERAGE CO FOOD BROKER 233-5994
104 PETERSON FLOYD CO IMPORTER 232-6950
PACIFIC COAST MERCHANDISE CO IMPORTERS 235-5293
109 LILLY CHARLES H CO THE WHOL 232-5135
110 SALA E C CO INC MFRS REP 232-4226
129 DEALERS SUPPLY CO INC BLDG MATL 236-1198
132 M & B TRANSFER CO INC 232-1163
MIERS & BOCKENFELD INC COLD STGE 232-1163
SWIFT & CO WHOL MEATS 233-4791
---SE 2D AV INTERSECTS
203 ARROW PET SUPPLY CO 233-5688
PET RACK SERVICE DISTR 233-5688
229 ACME PRODUCE CO WHOL 233-5411
231 PIONEER FRUIT DISTRIBUTORS 236-1167
234 OREGON GARDENERS ASSN BUILDING
238 STANLAB DRUG (WHSE)
---SE 3D AV INTERSECTS
304 CORNO & SON (WHSE)
307 BURNS BROS RETREADERS 234-7393
318 UNITED BROKERS CO FRUIT 232-3103
321 BURNS BROS OFC 234-7393
---SE UNION AV INTERSECTS
410 CONTINENTAL BROKERS INC TRUCKING 234-5318
412 CAPLENER TRANSPORTATION CO 232-4119
418 VACANT
420 BURNS BROS INC (WHSE) 234-7393

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---SE GRAND AV INTERSECTS
522 ARISTO-AIRE INC DIESEL PYRO METERS TRUCK MFRS 233-4765
REVOLVING RUG SERVICE RUG RENTALS
537 ROSE A J & SON INC FUNERAL DIRS 232-6121
---SE 6TH AV INTERSECTS
615 COMMERCIAL CLUB OF PORTLAND 232-7155
INTERNATIONAL WOODWORKERS OF AMERICA LOCAL 3-3 232-2352
PORTLAND AUTOMOTIVE TRADES ASSOCIATION INC 236-9848
PORTLAND POLICE ATHLETIC ASSN 235-9222
ZETA EPSILON FRATERNITY 234-5391
618 INDEPENDENT ORDER OF ODD FELLOWS BLDG
ACME REBEKAH LODGE (IOOF)
DARLINGTON MASONIC LODGE NO 189
ORIENT LODGE NO 17 (IOOF) 232-0016
UTOPIA REBEKAH LODGE (IOOF)
626 CITY POLICE BUR (EAST PRECINCT) 236-7551
---SE 7TH AV INTERSECTS
---SE 8TH AV INTERSECTS
801 MITCHELL LEWIS & STAVER AGRL IMPLTS 233-4921
808 ROBERTI'S HOUSE OF WINES WHOL 234-7551
820 LINNEMANN-BOOTH CO OIL FILTERS 234-7401
830 L & G TRUCKING INC 233-5766
---SE 9TH AV INTERSECTS

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---SE 10TH AV INTERSECTS
---SE 11TH AV INTERSECTS
1110 MC FADDIN LUTTON & JOHANSEN ACCT 233-6131
PORTLAND METROPOLITAN STEERING COMMITTEE ADMN OFC
MULT CO COMM ACT AGCY 233-6541
WORTHINGTON CORP HEAVY INDUSTRIAL EQUIP-MFRS 232-1156
---SE 12TH AV INTERSECTS
1218 GARCIA DOLORES M MRS 236-6046
1242 SCOGGAN JOHN G 232-5987
BROWN JEAN H MRS ● 232-7961
---SE 13TH AV INTERSECTS

1700 SW 4th PORTLAND 10340 Southeast Burnside Street (See Index To Advertisers)

SE ALDER ST 1970

ALDER ST SE--CONTD
---SE 14TH AV INTERSECTS
1403 NEAL WM D ● 232-9961
1409 PALMER LARANCE M ● 235-7426
PALMER JAMES R
1415 EICHINGER CLAUDIA T 235-7370
1427 STERNER ARLA 232-0587
1435 APARTMENTS
1 THOMPSON WM 235-3477
2 GREGORY MAC L
3 RICHIE GEO
6 SIMON GEO
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---SE 15TH AV INTERSECTS
1507 WILLIAMS JESSE D 235-0453
1516 ALLEN DAVID J 236-3170
1518 BOSLAUGH IVY 232-7671
1522 VACANT
1524 NO RETURN
1536 FOUTS KATHY 234-1139
---SE 16TH AV INTERSECTS
1618 SANDBERG CLARENCE W ●
235-0436
1626 APARTMENTS
1 JACOBS BERNICE A
2 PETERSON CLARA
3 HARRINGTON DEAN A
4 WARREN GOLDA MRS 234-4008
5 CHILSON LANCE
7 HINDS DARLENE R 236-5830
---SE 17TH AV INTERSECTS
1714 KOENEKAMP DALE L
1716 NEUCHEL RAY
1718 VACANT
1720 VACANT
1722 ROSS STELLA I MRS ● 235-5120
1725 BENNETT CORINNA Z MRS ●
235-4590
1726 GOEBEL CLAY W 234-4054
1728 VACANT
1732 HAMERQUIST SUSAN MRS 235-1935
1734 LEYSHON HAL R 235-4262
1736 VACANT
---SE 18TH AV INTERSECTS
1804 VACANT
1805 VOELPEL WAYNE E
1806 WILLIAMS FLORENCE E MRS
1815 CATABAY LEO C ● 236-9098
1816 STRANGE HUGH F ● 232-7472
1823 WELLIS MARYANN F ● 236-0903
1826 KIESEL K E ● 232-4249
1833 KREUTZ WAYNE R ● 232-5386
---SE 19TH AV INTERSECTS
1904 PASSWATERS MARION MRS
233-7953
1915 SNODGRASS RONDAL J 236-9564
1916 TIMUSK ELSA 232-9895
1924 VACANT
1925 APARTMENTS
1 DVORAK JOANN
2 WEBER DASSIE M
3 BENNETT JOSEPHINE 236-5300
4B SCHEETZ RONALD K
VACANT
ARMSTRONG HELVIE 233-6949
1926 VACANT
1936 VINSON MYRTLE MRS 232-0384

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---SE 26TH AV INTERSECTS
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2702 RICHARDSON JAMES
2704 MARKOVICH MIKE S 232-1825
2706 PELLUM FRED M 235-5861
2708 THOMAS CLAUDIA 232-5527
2710 LENZEN DAVID M 232-4311
2712 NEWTON WM M 233-7202
2714 HANSON ELAINE 235-8043
2716 PASSOS EVELYN C MRS 234-8746
2720 CROZIER SANDRA J 232-1557
2727 VACANT
---SE 28TH AV INTERSECTS
2824 KERR WM B ● 232-1578
---SE 29TH AV INTERSECTS
2905 STROTHAM LORETTA 234-4238
2909 WOODS EDITH C MRS 232-2701
2911 ADAM KATH N MRS 236-9991
2915 HAMMAKER IRENE M 234-5670
2921 APARTMENTS
1 SHEAD CLARA M MRS 234-2933
2 BUTTS DONNA M 235-0569
3 SAUER DOROTHY B 232-6421
4 FERRILL ETHEL MRS 233-6662
5 WARREN HELEN E MRS 232-7708
6 BRIGGS FLORENCE MRS 232-1831
2924 MC CLELLAND THOS E 234-4066
2934 ALDER CREST APARTMENTS
1 BRANCH G H 236-0602
2 SPARKMAN MINNIE G MRS
234-7687
3 BILLINGS NETTIE H MRS
236-5935
4 WILSON EARL
5 COOK WANDA M MRS 235-3663
6 CARTE ADELINA MRS 235-7024
7 RYAN IDA F MRS 232-2794
8 SARGENT MABEL 234-3703
9 NO RETURN
10 STILWILL CLARA MRS 236-1901
11 TRINGALI JOSEPH 232-9284
12 FAY NORA T 236-1534
14 MINOR WADE S 235-0447
15 MICKLE VERA I 234-1991
16 LAW EARL
17 HANSEN WM L 234-7959
18 LAMONNY LINDA K 234-1656
19 THOMPSON WM
20 WOLF AGNES 236-7301
21 SMITH HAZEL E 232-1021
22 LAFFERTY TOM 233-7372
2943 LAURELWOOD APARTMENTS
1 PINNON PATRICIA C 236-7211
2 VACANT
3 JACKS HILDRED
4 CRUSON FLORENCE 235-0352
5 SCHWAB HELEN
6 PAIST HARVEY W
7 TAYLOR ANCIL A 236-4649
8 CRABHILL VIOLA MRS
9 GREVES NINA G 236-0425
10 CONNLEY LOIS D MRS
11 WEYGANDT GLADYS M 235-1736
12 HORTON MAUDE R MRS 232-2297
14 GROWNEY BARBARA A MRS
236-1072
15 BENNETT WYLMA 235-0380
16 HUFF WILMA
17 BERGQUIST DON
18 MOLINE THOS
19 SNOW EDNA MRS
20 LE MAR MATILDA B MRS
232-7778
21 CARRINGTON DIANE J 232-7670
22 VACANT
23 CLEARY EDW
24 KATSEL C H

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---SE 30TH ST INTERSECTS
3005 SANGER JOSEPHINE L 232-5460
3006 ANDERSON EDWIN O ●
3019 MERWIN ROBERT B ● 236-4768
3027 BERTOLOTTO HUGH ● 236-8239
3033 ENGLAND ROLAND J 235-0155
3039 KAISER HUGO C ● 234-4672
3051 MC LEAN KENNETH R ● 234-2067
3059 NAMBA JOE 236-7156
---SE 31ST AV INTERSECTS
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3203 LISSY DAN J 232-0888
3209 MEIER SYLVESTER J ● 232-6291
3215 MC GINNIS MELVIN D ● 236-7669
3224 WELLHAUSEN WM 236-2628
3231 CARLSON ELMER F ● 232-9715
3236 APARTMENTS
1 HAIL RICHD 232-5878
2 SCHWENNEKER PAMELA M
235-6203
3 JONES CHERYL E 232-3440
4 RENNIE RICHD N 236-6402
3237 HUNT GEORGIA B MRS 236-0848
3243 KENNEDY JAMES
3253 CHAPMAN ROBT 235-0788
---SE 33D AV INTERSECTS
3317 GRIMES EDWIN T ● 235-2641
3323 FLUNO WILBUR A ●
3334 CARNATION CO (REPR DEPT)
232-2131
3337 BULKLEY CHARLES T ● 236-1208
---SE 34TH AV INTERSECTS
3422 NO RETURN
3423 ALLEN JAMES D ● 232-0470
3435 GALLEGLY JOANNE MRS
3440 STANDARD PRINTING & OFC SUR
INC (PRNTG PLANT) 234-9805
3443 STANDARD ACCOUNTING SYSTEM
ACCTG SERV 234-5351
3449 RID JAMES F
3450 STANDARD PRINTING & OFFICE
SUPPLY 234-9808
---SE 35TH AV INTERSECTS
3504 MC KINSEY W R 236-6483
3510 DENNIS HARRY K ● 234-8345
3511 GUSTAFSON LILY 232-2023
3516 THORNBURG THOS M 234-9462
3517 WYANT RALPH W ● 234-1110
3525 DAVIDSON WENDEL 236-3196
ALLEN TED
3528 KERR JESSE F ● 235-5553
3535 SMITH HELEN J MRS ● 232-1406
3536 SCHNEIDER WILHELM ● 234-1036
3545 LOYD DONALD D ●
3548 LETTERMAN ELLEN
3553 BROWN ROBT L 234-8516
3554 RASMUSSEN GUY G ● 232-0567
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3602 WEBB DARWIN 236-7534
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3612 NO RETURN
3615 HARRISON HELEN E MRS ●
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3623 NICOL CAROL ● 232-5300
3624 SNYDER HARRY A ● 235-0375
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234-3993
3634 COWAN JOHN ● 232-1567
3635 RASMUSSEN FREIDA MRS ●
3640 STEARS GENIA MRS ● 234-3666
3641 CARR IRENE MRS ● 232-8856
3652 KETELS JOHN F ● 236-1359
---SE 37TH AV INTERSECTS
3702 BEGUHL LEWIS R ● 234-5564
3705 SWIDERSKI PAUL R 235-2257
3710 DAVIDSON SARAH M ● 232-1278
3711 DOCKSTADER MARGT L MRS
236-1736
3714 HANNIGAN FRANCIS A ● 236-6235
3717 DOLBOW THOS E ● 236-8173
3722 STOLARCZYK A L 232-7815
3727 NO RETURN
3730 GARVIN JOHN W ● 232-1344
3733 MANION PETER J ● 236-0413
3739 LARSON ALLAN L 232-6861
3740 BAKER MARCELLA E MRS 236-8530
3747 SALVUS JACK ● 235-0461
3748 PENDLETON WM B ● 234-4064
3752 WEBER ERNEST M ● 235-0615
3757 SANDIDGE DOROTHY M MRS
236-7321
---SE 38TH AV INTERSECTS
3805 GIORDANO KENNETH N ● 234-4070
3814 DRAKE CLARENCE J ● 236-5002
3815 BASEL DAVE
3820 YOUNG LEWIS
3825 BRYANT MARIE D MRS ●
3826 TSENG CYRUS Y 234-5789
3833 APARTMENTS
1 NO RETURN
2 VACANT
3 HERIGSTAD MERLIN
4 WESTENHOFER CHARLES E
3834 CHINN STEPH H ● 236-4436
3840 THACKER HAROLD 236-6467
3846 ROMMEL JUANITA F MRS ●
232-4409

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---SE 39TH AV INTERSECTS
---SE 40TH AV INTERSECTS
4103 MAKINSON HESTER MRS ●
235-1591
4105 SMITH EDNA B MRS 236-1679
4124 CLAREMONT APARTMENTS
1 MEEDS NANA E MRS 235-1566
2 SCHASSEN PEARL M MRS
235-8121
3 BROWN JESSIE
4 MC KINNEY AVIS MRS 235-5311
---ZIP CODE 97215
---SE 420 AV INTERSECTS
4211 CLUNAS GEO B ● 236-1328
4215 THELANDER ANN 234-1705
4216 KAUFFMAN S JAY ● 234-6982
4224 VACANT
4233 MILLIRON DONALD M 236-8451
4234 VAN ATTA KENNETH H ● 236-8157
4242 GEIMER RICHD L ● 236-7491
4243 JOHNSON RUSSELL B ● 232-2728
4250 JORGENSEN SIGRUD H ● 236-9009
4251 BRAZIE GLADYS ● 236-4704
4261 WORDEN CLARA E MRS ● 232-2087
4264 MORTENSEN LAURIDS 232-9751
---SE 430 AV INTERSECTS
4305 THISTLE RUSSELL H ● 235-0202
4316 COLLINS ROBT E ● 234-7039
4323 LIU DAVID S 233-7497
4404 SHARLOCK ROBT R ● 236-3209
4405 SANDER GERTRUDE 234-1456
4407 VACANT
4411 STOPPER GEO J ● 236-0961

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---SE 46TH AV INTERSECTS
---SE 48TH AV INTERSECTS
4509 PERAGINE JOHNNY J ● 234-3123
4511 PERAGINE VITO ● 232-8946

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---SE 53D AV INTERSECTS
5540 LAWRENCE EMILY B MRS ●
236-7166
5605 OAKES JAMES A C ● 232-4585
5610 SALVISBURG VERL E ● 236-4278
5623 ROSS BESS L MRS ● 232-0875
5711 MOUNT TABOR METAL PRODUCTS
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HAUS ALBERT ● 236-3772
6220 MILLER HAROLD H 236-3501
6222 KEANE HARRIOT MRS 232-6035
6235 AUTREY R E
6241 MORAN WM S ● 234-7676

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---SE 71ST AV INTERSECTS
7107 MILLER MABEL C MRS ● 253-6858
7115 BISSONNETTE FLORENCE ●
253-8300
7126 REILLY EDW S ● 253-3626
7150 VAN BEEK MARIE CHIROPRACTOR ●
253-1515
---SE 72D AV INTERSECTS
7220 FARRELLY DONALD J ● 255-0344
7223 PULLEN EDW R ● 253-8246
7233 GREEN KENNETH F ●
---SE 730 AV INTERSECTS
7303 MOSES DALE E ● 254-0037
7320 LOFGREN EDW C ● 255-2907
7328 CALAVAN WILLIS J ● 253-8888
7333 KUM STANLEY L ● 253-7000
---SE 74TH AV INTERSECTS
7407 SEIFERT ELMER L 252-7914
7408 ASCENSION CHURCH CONVENT
253-9373

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---SE 76TH AV INTERSECTS
7606 ADKISSON RAYMOND ● 253-0860
7607 BATES WM E 254-0432
7616 REED DOREEN MRS ● 255-1769
7617 DENFELD ANNABELLE MRS ●
253-5131
7626 WOLTRING JOSEPH W ● 253-3580
7631 SATTER DAN
7634 MESSMAN JOHN A ● 254-3866
7641 DREW HENRY ● 253-6160
7643 SHIPP M BARD ● 254-4116
7644 ZIMMERMAN MARGUERITE MRS ●
254-0381
7706 ELDRED DONALD ●
7707 TAYLOR DENNY 253-8074
7712 BAYLOR MARIE MRS
7733 YATES JAMES W ● 252-0491
---SE 78TH AV INTERSECTS
7806 HIBBARD DON ● 255-8387
7816 BUTLER THOS W ● 254-7627
7824 OSCHENBERNER MELVIN 252-7849
7826 YATES RAY ● 254-8393
7835 COLLAIS JOHN H ● 252-7706
7905 FAHLGREN DOROTHY ● 254-0785
7912 FOX EDNA E MRS ● 254-3780
7915 HARRIS SCOTT ●
7925 BYRD WM F ● 252-1980
7934 WICKLAND SADIE MRS 252-4672
7935 HOLMES NORMAN S ● 252-4451
---SE 80TH AV INTERSECTS
8003 BRILLING STEVE M 253-8844
8005 BLAKLEY DENNIS
8007 COOK RHEA MRS
8008 WISHART JAMES ● 254-3279
8015 DEUCHER FRED 225-8912
8017 WESLEY JOHN W
8019 ROBERTS THOS 254-4942
8021 KAAKE P T 255-6945
8023 RIGELMAN MAX R 254-8996
8025 BENTLEY ROBT
8031 BACON JAN MRS 255-0017
8032 KUMMER WM A ● 255-0195
8033 KILLEN JOHN J JR 252-9571
8035 RYDER BERNEICE
8042 ANTROSIO LEO ● 253-4996
---SE 81ST AV INTERSECTS
8104 LOSIER IVAN ● 253-2917
8105 SERNIDTTI KATH M MRS ●
252-5347
8123 CALLISTER ROBT E ● 253-8330

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---ZIP CODE 97216
---SE 820 AV INTERSECTS
8303 HOWARD ROY L ● 254-5258
8304 LEE CHARLES E ● 254-2172
8309 VACANT
8314 MAMANN ROY R ● 252-4133
8322 KINGSTON REX 254-0113
---SE 84TH AV INTERSECTS
8405 LOUIE FOOK W ● 252-2169
8412 ECKSTEIN LEDA M MRS ●
252-9236
8420 CRAWFORD ROBT L ● 252-0564
8421 MAHN WILFORD L ● 253-1840
8427 FERGUSON ORVAL
8427A FREEMAN MARGT MRS
8432 DALIN CLARENCE E ●
8440 BLAIR IRENE M ● 252-7347
8443 VACANT
8500 GALE HARRY ● 252-2569
8501 SHOLD PAUL E ●
8508 KYLMANEN RAY J ●
8511 ADAIR ERNIE J ● 252-5010
8516 WHEELER GLADYS E ● 254-6697
8521 LIGAT ROBT L ● 253-7617
8529 SUMIDA NOBI ● 253-9235
8538 AKAMATSU JAMES T ● 252-6249
8539 DEVLIN RANDY C 255-8869
---SE 86TH AV INTERSECTS
8615 LINENKO LAWRENCE ● 253-6287
8625 ALLINGER VICTOR L 253-7959
8628 SHUMWAY RAE B ● 254-2350
8637 GOOCH RUTH G MRS ● 253-6897
8647 KENNEY VIRGINIA ● 254-7149
8650 HUTCHISON DANL M 252-2257
8705 STRATTON PHILLIP S ●
8708 REINHART RICHD L ● 253-6420
8719 NORTON MAGGIE E MRS ●
254-4416
8722 SKAVARIL VINCENT R ●
8729 SHULER CECIL J 253-7792
8730 VACANT
8739 SOUTHER WM E ● 255-2920
---SE 88TH AV INTERSECTS
8804 WINDSOR HENRY G JR 252-2933
8807 HERRLA CORA E MRS ●
8814 NICHOLSON GRACE E MRS ●
253-7241
8817 FISHER HENRY J 252-8917
8824 HAZLE HELEN MRS ● 255-3821
8827 FREINWALD HERBERT R ●
254-2657
8834 STARK SANDRA L MRS ● 255-4706
8837 JACKSON THOS T JR
8903 BRAY MARY LOU MRS ● 254-5649
8904 HADDAN GLADYS MRS ● 254-4406
8913 DOYLE NANCY MRS ●
8914 LEIJA ELI
8923 SCHNEIDER KERMIT J ● 252-7729
8924 LEISY LUCY D MRS ● 254-1906
---SE 90TH AV INTERSECTS
9004 ALLEN PAUL R 255-9621
9011 ZIMMERMAN A L ● 255-4564
9018 SOHL WM D ● 252-9024
9026 NEILSEN CARL G
9038 MOLT ROBT J ● 255-1724
9039 WEMPLE GORDON W ● 253-0684
9045 NYLANDER WALTER T ●
9048 PALO RICHD W ● 254-2176
9104 BLEMAN MARY C MRS ● 254-6655
9105 LITTLE DAVID L 253-8973
9114 JENKINS MILES R ● 254-6109
9115 BIERI F L 253-8979
9124 CLARK HARVEY J ● 254-3629
9125 VANOVER MARGT MRS 253-4973
9134 MITCHELL ALEX ● 252-7638
9135 WEEDMAN CONSTANCE MRS ●
253-1700
9143 HOLN RAY T ● 254-2564
9144 SINGLETARY JERRY MRS 253-4527
---SE 920 AV INTERSECTS
9204 VACANT
9207 CLARK IVA MRS ●
9215 MC COY KENNETH J REV ●
252-6067
9216 LA ROCHE WM J JR 252-0954
9228 NO RETURN
9231 HUBBARD HOMER F ● 254-2262
9240 STANG MICHL ● 253-9565
9241 BARRET JIM ● 252-0770
9252 THATCHER EVA MRS ● 252-5604
9253 DE FREES BRYAN F ● 255-7480
9261 SAUTER MYRNA C MRS ●
9264 TAYLOR JAMES G ● 252-9152
9272 MAYLATH ROBT 255-9171
9273 BRADEN FLOYD R ● 252-4366
9306 SMITH FOSCH F 282-4529
9307 CHAPMAN ISAAC M ● 254-6894
9311 CURRY DOROTHY V MRS ●
254-5922
9314 RAYMOND MARGT A MRS ●
254-0739
9327 HANSON ALISON E ● 252-4745
9328 EGGERS HOWARD E ● 253-5639
9333 ATCHLEY RICHD H ● 254-2691
9336 KENT DONALD D ● 252-7177
9341 FERRETTI JAMES W ● 255-5130
9350 LARSEN LAWRENCE ● 253-6522
9355 VAN RHEEN DAVID M 255-6285
9362 MELVIN VERNON H 253-3948
---SE 94TH AV INTERSECTS

901
ALDER ST SW -FROM WILLAMETTE RIVER
WEST 1 SOUTH OF SW WASHINGTON ST

---ZIP CODE 97204
---SW 1ST AV INTERSECTS

911

---SW 20 AV INTERSECTS
200 PORTLAND BAIL BONDS 222-4349
210 BURNS REALTY CO 227-5519
BURNS WM E INSURANCE AGENCY
227-5519
212 VACANT
220 EDUCATION CENTER BUILDING
226-6216
ROOMS
203 VACANT
207 VACANT
209 STOUT INSURANCE INC
227-2613
211 VACANT
213 VACANT
214 VACANT
300 AERIAL MAPPING CO OF
OREGON MAP PUBLS 227-1394
307 VACANT
308 METZGER JOSEF WHOL JEWELRY
222-6075
310 KLEEB ART SERVICE COML
ARTIST 227-6297
311 VACANT
312 EDUCATION CENTER BLDG
(OFC) 226-6216
4TH FL HANER ROSS & SPORSEEN
CONSULTING ENGS
226-6193
500 VACANT
511 CHIN HERBERT K ARCHT
224-1970
511 JOHNSON BIRUTA MRS INT
DESIGN 224-5159
STREET CONTINUED
221 PACIFIC HARDWARE & ELECTRIC CO
226-6844

Cable Addresses: Jaybee Toronto Canada Useful London W. 1. (U.K.)
Philadelphia Halifax London Port Arthur St. Catharines Sudbury Stevenage Victoria Winchester London U.K. Manchester

SE BELMONT ST 1970

Aetna
LIFE & CASUALTY
AETNA LIFE AND CASUALTY COMPANY
HARTFORD, CONN.
GEORGE C. FRASER, General Agency WALLACE D. JOHNSON, Manager Group Division
2000 SW 1st Avenue, Portland Life Division Phone 224-3300

BEECH ST NE--CONTD
8515 GUFFEY KATHLEEN I MRS ●
253-6185
8524 STAUFFER NEO P ● 252-4423
8529 HERMANSON ELNO T ● 254-3960
8535 LAMOUREAUX PAUL J ● 252-9829
8536 CRAVEN DELBERT D ● 255-9833
8540 TIMOTO KENISHI ●
8545 MATTHEWS ROBT B ● 254-5312
8556 KING DARRELL A ● 252-8606
8604 DUNN JAMES W ● 254-3440
8605 OLSON JOHN A ● 254-5423
8619 HILL VIEW MANOR REST HOME
254-1191
8620 HALL EDGAR L ● 254-1191
REAR STANLEY PHILIP N 255-4237
8640 DUNN DOROTHY R MRS ● 253-7988
8641 MITCHISON ELIZ
---NE 87TH AV INTERSECTS
8710 HUME RAYMOND D ● 253-3269
8714 TOLL DALE R ● 254-3791
8718 SIMONSON DAVID A ● 254-4135
8721 HOOVER RONALD D ● 255-0521
8724 FLOYD PAUL H ● 253-4570
8731 JAENICKE RALPH ● 252-4817
8734 PERKIN C JOHN ● 254-9507
8741 ENFIELD ROMER M ● 253- 417
8751 THOMAS RUBY M MRS ● 252-2341
8761 NIELSEN LAWRENCE ● 254-3582
8824 HAHN WALTER B ● 254-3903
---NE 88TH AV INTERSECTS
8825 MILLER DONALD P ●
8835 MILLER DALE A ●
8840 CARTER DAN L ●
8845 MARTIN MELVIN D ● 255-5402
8855 LOVELAND ROSCOE JR ● 252-7558
8855½ LARSON ELNA 252-8530
8860 TOOMEY RUSSELL I 253-2315
8865 KLUG WM C ● 253-7697
8906 HOOPS KENNETH A ● 254-0660

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BELGRAVE AV NW (WILLAMETTE HEIGHTS)--FROM 2155 NW ASPEN AV NORTH

---ZIP CODE 97210

117

BELKNAP AV N --FROM 3286 N TERRY ST NORTH

---ZIP CODE 97217
7816 MC GILVRA ROBT D 289-5747
7819 PILTZ MERVIN R ●
7824 FULLER NELLIE M MRS ●
289-5076
7827 RALLS OLLIE L JR ● 289-1379
7832 MILLER JOHN H ● 285-5350
7835 KIRTLEY ROY W ● 285-5773
7838 SUCHY JOHN P 289-1924
7845 FLICK ROBT M ● 289-9752
7852 SPRAWCEW BARBARA MRS ●

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BELLEVUE AV NE --FROM NE 13TH AV AND NE PORTLAND BLVD NORTHWEST

---ZIP CODE 97211
6505 JACKSON FORREST V ● 287-9343
6506 WILLIAMS N JEAN MRS ●
284-1282
6514 FORD RALPH C ● 281-7122
---NE LENORE ST INTERSECTS
6611 JOHNSON BILLIE E 281-6326
---NE DEAN ST INTERSECTS
6711 FIELDS ALZENA MRS ● 281-5152
6712 BATTIES SYLVESTER ● 287-6056
---NE DEKUM ST INTERSECTS

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---NE WOODLAWN ST INTERSECTS
6968 CARR FRANCES E MRS ●
---NE ONEONTA ST INTERSECTS

236

BELMONT ST SE --FROM THE RIVER EAST 1 SOUTH OF SE MORRISON ST

---ZIP CODE 97214
---SE WATER AV INTERSECTS
83 GIUSTI AL C WINE CO WHOL
232-4126
---SE 1ST AV INTERSECTS
111 NORTHWESTERN ICE & COLD STORAGE CO (BELMONT PLANT)
129 GOODWILL INDUSTRIES (WHSE)
---E 20 AV INTERSECTS
315 MAGNOLIA APARTMENTS 235-9632
2 LABARGE GEO
12 WILLINGTON CLAUDE
12A RUSCH PETER
14 BAKER ALEX
15 GORDON CLIFFORD
16 WILSON CLIFFORD
17 BATES NOLAN
18 BURNS REX
19 OSENANETT BENJ
---SE 30 AV INTERSECTS
---SE UNION AV INTERSECTS

936

---SE GRAND AV INTERSECTS
511 JUNIOR BUILDING
201 BOLLIGER-WEATHERLY AGENCY
232-1972
202 BAUSKE DONN LWYR
202 MC GILL & CLARK LWYRS
232-8197
203 GULF AMERICAN CORP-OF ARIZONA REAL EST 233-4611
521 VACANT
522 HAROLD'S AUTO SERVICE AUTO REPR 232-8304
532 COLE RAYMOND B INC LIGHTING EQUIP 236-1996
534 C & S AUTO PAINT & BODY SHOP INC 232-9822
---SE 6TH AV INTERSECTS
600 GELTMAN SPONGING CORP CLOTH SPONGERS 232-1800
630 SIMTEC CORP PLASTICS PRODUCTS MFR 233-6471
---SE 7TH AV INTERSECTS
700 EXHAUST SPECIALTIES & PARTS INC 233-5432
707 COLUMBIA BUSINESS FORMS 234-9289
DATA SYSTEMS INC DATA PROCESSING 233-5126
HOLDNER BACKSTROM & KING ACCTS 233-4601
733 VACANT
---SE 8TH AV INTERSECTS
810 DUTCH BOY PAINT WHOL 235-2191
826 LIGHTHOUSE FISH & OYSTER CO WHOL 235-8747
LIGHTHOUSE OYSTER INC DLRS 235-7194
835 PALM ABRASIVE & TOOL CO WHOL HDW 232-5176
---SE 9TH AV INTERSECTS
904 KOOP INDUSTRIAL HANDLING EQUIP CO INC SLS & SERV 234-8188
930 VACANT
935 CARUSO PRODUCE WHOL 232-1118
936 STANTON CO AUTO & BRAKE REPAIR 232-6535
STANTON JOHN W

232

---SE 10TH AV INTERSECTS
1016 MONTE CARLO RESTAURANT 235-9171
1018 GARDENERS & RANCHERS ASSOCIATION BUILDING
COLLINS HAZEL M MRS 236-6421
1020 ARMSTRONG STERLING 234-4525
1024 MONTE CARLO LOUNGE COCKTAIL LOUNGE
1030 LIDO RESTAURANT 238-7766
---SE 11TH AV INTERSECTS
---SE 12TH AV INTERSECTS
1206 NU-WAY AUTO LAUNDRY 235-9123
1216 TREASURES TO TRIFLES ANTIQUES 235-0547
1224 APARTMENTS
HUSE LOUIE
STREET CONTINUED
1226 SHERRY PETER P
1232 WILSHIRE TODD 235-0547
1235 LEASE NORTHWEST INC 234-7201
NORTHWEST RENTALS OFC EQUIP 234-7201
---SE 13TH AV INTERSECTS
1305 JACKSON OMER T CONSULTING ENG 236-5334
1313 HILSZ MIKE
LYSENG DONNA J 235-2939
SANDERS L D 234-3510
SCOTT TIM
1316 RICHTER EDWINA M ● 232-5305
1323 VACANT
1335 APARTMENTS
1 ELWOOD JOHN
2 LEE ODRA M
3 BARNHART DON 234-4787
6 YOUNGBERG DONNA
1336 VACANT
1337 KOHNONEN ELLEN MRS
---SE 14TH AV INTERSECTS
1405 WELLESLEY COURT APARTMENTS 235-9021
61 MILLER JOHN S 235-0684
62 TOOMEY R EARL 232-2429
63 KRONENBERG IRENE O MRS 234-1841
64 CRONER EVELYN MRS 235-1542
65 SUMMERS GLENNA MRS
66 WHEELER BETTY B 235-8088
67 MILLER MARY E MRS 235-0681
1407 BUCKMAN NEIGHBORHOOD ACTION CENTER COMMUNITY CENTERS 233-5426
1410 DUKE OF YORK APARTMENTS
85NT FERGUSON EVERETT S
101 HALL CATH L 232-1688
102 GROVES JOHN
103 HENDRICKSEN CHRISTINE J MRS 235-0338
104 TURNER HELEN R 236-9607
105 VACANT
106 DUNSWORTH NAOMI MRS
107 HUBER HENRY
108 SEITZ DONALD W 236-8346
109 DREWNIAK DOROTHY MRS
110 EDLUND HENRY A 235-3388
111 SCHAHL VERA MRS 234-2177
112 CAMERON KATH E 232-3879
201 SCHALIS GEO A 236-1571
202 KEYES MARGT 232-6644
203 PERSON SYLVIA V 233-6888
204 BRANDT MARY 236-6804
205 BAKER CHARLES R 236-2492
206 PROUDFIT HAZEL M MRS 234-6136
207 NISBETT THOMASINA MRS 232-3746
208 DAVIDSON WM R 234-7689
209 DAYS MYRTLE L MRS 236-2730
210 KLIPPENSTIEN DAVID 235-4350
211 WAYNE JAMES F 235-3582
212 OSBURNE BRUCE
301 DORNEY GEO E 232-6557
302 CROWN WM J
303 SUNDBERG HERBERT 236-1297
304 PIGG EDITH M MRS 235-6343
305 HARMON ENGWALD H 232-8756
306 HENRY EDRIS E 235-1409
307 RASOR ORVILLE
308 WILLARD C L TEO 234-7002
309 WILLIAMS EDNA N 232-2634
310 MC CANN ESTELLA MRS 232-8452
311 ALEXANDER CLAUDE
312 JACKSON CHARLES V 232-1295
STREET CONTINUED
1422 LOVE EUG B 235-7326
1425 HAMMERS ROBT H 236-9197
---SE 15TH AV INTERSECTS
1503 MITCHELL WARREN
1506 PETERSON JOHN V 234-7124
1509 BUSHEY JOSEPH H 232-4437
1514 HAMLETT WALTER G ● 232-0084
1517 LANDERS JESSE C 236-2380
1522 KRAUS KAREN 236-7736
1524 JONES CONNIE
1525 MEADOWS EDW J 234-2089
1535 KALLIMANIS THEONI MRS ● 235-7436

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---SE 16TH AV INTERSECTS
1604 PHILLIPS CONNIE 234-5658
1608 MC CORMICK M 235-3741
1611 PEMBROOKE APARTMENTS 235-9079
101 LARSON BEN T
102 THOMAS MARY E
103 HAMMERS LINDA MRS
104 COURNYER ROBT K 236-0078
201 HUBBEL JAMES 235-6180
202 DAVIS DELLA M
203 BEAUDRY GLEN
204 ANDERSON MARGI
205 WESTERLUND KARL
206 SIRRINE WARREN 236-2651
301 LARSON KATHLEEN A 236-4850
302 MC DONALD CHARLES 235-4284
303 WILSON PAUL
304 WALDRON GEO
305 VACANT
306 MERRILL MARY L 234-8301
STREET CONTINUED
1618 HOFLAND RICHD S 235-5191
1625 NO RETURN
1626 THOMPSON PATRICIA MRS
1627 MC BRIDE ETHEL M MRS 236-3827
---SE 17TH AV INTERSECTS
1704 COLLINS JEAN MRS
1706 GILLEY B L 235-3459
1710 PADE FRED A ● 234-4275
1716 PRAZEAU MICHL
1718 TORGERSON OLGA A MRS 232-9866
KOLOUSEK FERRIS L MRS 236-4044
1728 GUNDERSON CLIFFORD D 236-0559
1734 REED WM E 234-2960
1735 COOKE'S BRAKE SERVICE 232-6440
1742 NOURSE PAUL ● 232-8804
---SE 18TH AV INTERSECTS
1806 BURROUGHS CORP (BR) OFC EQUIP 233-5181
1818 BARBEAU JOSEPH A 234-2881
LISENBOE KAROL J
1832 HARDER ALNINA M MRS ● 232-8711
1875 MATTESON GLENN CO INC PHARMACEUTICAL PROD 234-7391
---SE 19TH AV INTERSECTS
1919 TRECK PHOTOGRAPHIC INC 234-9272
---SE 20TH AV INTERSECTS
2003 RADKE'S RICHFIELD SERVICE GAS STA 235-4432
2021 RADKE'S NATIONWIDE TRAILERS
2034 NO RETURN
2035 VACANT
2038 S & C ASSOCIATES MFRS REP 235-4158
2046 JUDD PAUL L 232-7203
2051 MYERS SHIRLEY MRS 236-6037
---SE 21ST AV INTERSECTS
2100 POMONA TILE CO CERAMIC TILE MFG 233-5471
2103 BENNETT CHARLES R 236-7869
2109 LEIGHTON JOHN ●
2116 REED JOHN L ● 235-6263
2119 VACANT
2122 CAMPBELL JACK
2124 MARPLE BERRY S ● 232-5534
2126 THEAD JOHN W 236-4219
2128 COFFER FLORENCE MRS
2138 OPSAHL GERALD F CHIROPRACTOR 236-2989
2139 TICE ELECTRIC CO CONTRS 235-8456
2140 OPSAHL GERALD F ● 236-2989
2146 VACANT
---SE 22D AV INTERSECTS
2208 PETERSON EUNICE M MRS ● 236-0014
2214 LIVELY EARL B REALTOR 234-0261
HAWKINS W O
2215 CLARK AMOS H
2222 DAVIDHIZAR ROSCOE R ● 236-0395
2223 NO RETURN
2231 NO RETURN
2236 KNAPP PRINTING CO 234-7535
2239 BODENHAMER PHYLLIS M 234-7761

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---SE 23D AV INTERSECTS
2304 VACANT
2309 WALKER-TORGLER CO ELEC SERV & SOUND SYSTEMS 232-5585
2324 COLUMBIA COPY CO REPRODUCTION MACHY 235-8701
2327 VACANT
2331 RIPP JOHN F 236-6474
2336 DAIBART JOHN 235-6427
2339 HART JESSIE M ● 232-5532
2341 HERZOG WM C 232-8015
2344 FARLIN EMMA D MRS ● 236-0945
2402 DEBY KAY ORIGINALS DRESS SHOP 236-3154
MONTGOMERY RONALD L ● 236-3154
2411 WICKS BARBER SHOP 235-0998
2412 SALYERS CORDELL
RAY CRAIG
2420 DALE'S CATERING SERVICE 234-9948
2423 HANSEN CARL L ● 232-6247
2426 CARPENTER OPAL G MRS 232-8413
2431 FARLEY NELLIE M MRS ●
2434 ENGLE COLEEN M 236-7833
2435 HEMBLING MYRNA 235-6308
2440 JOHNSON GROVER J 232-4870
2442 MARTIN PATRICIA MRS 232-9575
2445 NO RETURN
2450 VACANT
2452 BAKER ROGER 235-3719
HOPSON VICTOR A 235-4735
2454 MC KINLEY BURT ASSOCIATES EDUC CONSULTANTS 233-7105
---SE 25TH AV INTERSECTS
2502 TECHNI PHOTO COMMERCIAL 234-3669
WANDTKE VICTOR 234-3689
2508 MANSFIELD ELIZ MRS 235-0281
2510 NO RETURN
2511 NICHOLAS MILDRED J MRS ●
2512 CHARTIER MICHL S 235-0819
2516 VACANT
2519 EIGHT TO ONE STORE NO 1 GRO 235-9800
2520 COONS LILLY L 235-7089
2522 VACANT
2524 VACANT
2525 HOPPIN MARVIN
2527 EIGHT TO ONE STORES GRO 236-3971
WALLS A R ACCT 236-3971
2533 GARRETT LEO R 235-4326
2534 BELMONT BURGER BASKET 232-4972
2535 DE CLARK RADIO-TV 234-8776
DE CLARK EARL H ● 234-8776
---SE 26TH AV INTERSECTS
2600 HONEYWELL INC REGULATOR MFR 235-8411
2622 HANIGAN'S FORTY-THREE TAVERN 235-7106
2623 TAYLOR FRANK J 234-3796
2624 SHAW DONALD J ● 235-7106
2626 STOCKHAM NETTIE
2628 VACANT
2637 VACANT
---SE 27TH AV INTERSECTS
2701 EVELYN'S FURNITURE TREE ANTIQUES & USED FURN 236-3350
2703 GARRICK NELLIE M MRS ● 232-3788
2705 HURTON ESTHER M 236-6163
2707 VACANT
2714 VACANT
2715 ALLEN PAUL J ● 232-8926
2721 PLAID PANTRY GRO & MEATS RET 235-9910
2725 LAUNDROMAT SELF-SERV LNDRY
2731 COX'S ONE HOUR MARTINIZING CLN 236-8927
2732 SMITH HARVEY
---SE 28TH AV INTERSECTS
2801 VACANT
2808 CALBREATH MARY E ● 232-2914
2822 CRAM ELMER E ● 236-0784
2828 VACANT
2829 BELVEDERE APARTMENTS
101 VACANT
102 BARTLETT HEARL 236-3702
103 PETRE BULEA 235-6560
104 GRIMM HELEN 232-5218
105 SCHRETGER ALBERT 234-4164
106 GODEJAHN GLENN
107 WATSON LOUISE W 232-1341
108 DOHARTY D A 232-9397
109 OLSEN HENRY 235-6906
110 OWENS ALVIA D
201 WOOD MARIAN F 236-0870
202 VACANT
203 NEWBERRY SARAH 232-2937
204 MAHONEY WM A 234-1673
205 ANDERSON THEO L 234-4011
206 SATCHITANANDA MAHASIDDHA
207 HRUSKA ROSE 232-2666
208 PADDOCK C S MRS 235-7693
209 FORD H KEITH
210 WELKER SANDRA 235-2717
301 MORGAN DENNIS
302 RADCLIFFE SARAH
303 HERRON G AGNES
304 PELLETIER LAWRENCE E 235-5076
305 VACANT
306 ANDERSEN BARNEY 234-3114
307 KELLY V I 235-1230
308 VACANT
309 GRANTIER HELEN
310 VACANT
STREET CONTINUED
2832 LA CASITA 235-4151
2838 PACIFIC COAST PAINT CO WHOL 232-8535
---SE 29TH AV INTERSECTS
2900 RUTHEY'S WEAVING STUDIO & CRAFT SHOP 232-7328
2903 DORRELL MARIAN J MRS
2904 BELMONT APARTMENTS 236-7850
1 VANCE ELSIE M 236-8569
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2 HART HELEN MRS 234-6004

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DICKERSON FULLER S ● 285-7218
7937 TAYLOR HERBERT A ● 289-5609
7948 WESTERHOUT GEO A ● 289-2850
8006 VACANT
8011 PATTERSON JOSEPH E ● 285-3477
8016 MATTYS MAINTENANCE JANITORIAL SERVICE 289-0725
JOHNSON GEO H ● 289-0725
8017 SCHREINER CHARLES T 285-9666
8024 BIEDERMAN LEOTA H MRS ● 289-9515
8029 MILLER LEROY M ● 285-6169
8040 SCHMID CLARK F ● 289-3598
8101 BOOTHBY DANL F ● 289-0654
8110 GREEN JIMMIE D ● 285-2018
8111 HILGERS LEE V ● 285-9663
8118 HARVEY CHARLES E ● 289-9681
---N KILPATRICK ST INTERSECTS
8203 MITCHELL WM R ● 289-0308
8204 HARVEY JOE W ● 289-6975
8209 KERN ROBT J ● 285-8182
8225 KISTNER OLIVE A ● 289-8641
8226 LEWIS DONNA MRS ●
8261 STEINMETZ ALEX L ● 285-4383
8267 NO RETURN
8270 BLACK GERALDINE M MRS ● 289-1944
8275 FRAME ROLAND M ● 285-7084
8289 BRYAN HAROLD ● 289-7295
---N ARLINGTON PL INTERSECTS
8303 LUND EDITH B MRS ● 285-5195
8312 CROFT NORA V MRS 285-9746

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---N WILLIS BLVD INTERSECTS
---N TRENTON ST INTERSECTS
---N ATTU AV INTERSECTS
---N COLUMBIA BLVD INTERSECTS
8504 DUNCAN JAMES L ● 285-5932
8505 ERVINE ALBERT E ● 289-1041
8529 BREKKE BJARNE M ● 289-1912
8612 HENRY EVERT B ● 289-0001
8626 COPELYN SARAH L MRS ● 285-8625
8635 FIELD FRENA MRS ●
8638 BUERKLE ADAM M ● 285-8937
8650 NO RETURN
---N FOWLER CT INTERSECTS
8702 CARTER DONALD R ● 285-4854
8714 GUERINS JAMES C ● 289-6783
8715 MILSTEN EARL N 285-0944
8722 ALEXANDER JERALD C ● 289-5181
8727 LATIN LEE MRS
---N CHAUTAUQUA BLVD INTERSECTS

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---ZIP CODE 97214
---SE WATER AV INTERSECTS
---SE 1ST AV INTERSECTS
---SP CO TRACKS CROSS
66 ZEERO ICE CO INC 234-0491
68 NORTHWESTERN ICE & COLD STORAGE CO WHSE 234-9511
73 ZEERO ICE CO INC (PLANT)
107 B & O WAREHOUSE 232-4181
COWLS COFFEE CO DISTR TO RESTRS 235-2756
139 OREGON STATE INDUSTRIAL BLIND COMMISSION 226-2161
---SE 2D AV INTERSECTS
201 WEBFOOT FERTILIZER CO INC WHOL 235-8761
---SE 3D AV INTERSECTS
302 PACIFIC COAST FRUIT CO WHOL 234-6411
307 FISHER FLOURING MILLS CO 232-4104
---SE UNION AV INTERSECTS
423 TRI-STATE TRUCKING SERVICE 235-8551
425 VACANT

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---SE GRAND AV INTERSECTS
---SE 6TH AV INTERSECTS
---SE 7TH AV INTERSECTS
704 P P G INDUSTRIES INC (COATING & RESIN DIV) 232-5188
777 PARTS SERVICE CO AUTO WHOL 232-6145
---SE 8TH AV INTERSECTS
815 TERRACE COURT APARTMENTS 235-9339
101 PARTLOW WM 235-9339
102 SCOTT HERMAN F
103 ROSENBERG CLARA 235-1818
104 MOFFIT WM E
105 HINTON WM H 232-6751
106 KUDRNA RICHD
107 CAMPBELL R H
108 HATFIELD LOIS
109 OLSON ARCHIE
110 WEEKS WM 234-9455
111 NORDEN WALTER
112 DOBROWSKY HERMAN 234-7060
114 LLOYD RICHD G 236-6112
115 MC MAHILL FLORENCE
116 KREIER MARGT MRS
117 DENMAN RAYMOND B 232-6364
118 HAYMORE BERNIE MRS 232-0290
119 KUSEL GARY
120 NEILSON ARVOLD
121 GREATHOUSE ROBT L 235-5361
122 STOKKE EDWIN
123 HETTRICK FRED
124 NOLAN LINDA
125 JOHNSON ELMER
126 TRESHELL EDW
127 TENNANT LUCILLE A MRS 234-5880
201 VANDERPOOL KATH
202 SHANKLER DALE
203 VERHOEF MELVIN
204 WHITE STEWART
205 PRESTON ELMER
206 MALONEY CRYSTAL MRS 234-1827
207 NELSON CHRIS
208 MATZENBACH CHARLES
209 RASCHKE TERRY A
210 BAUMILLER CLARA
211 JOHNSON CHARLES
212 BINNS FRANK
214 KASON O
215 ROTHACHER ELAINE
216 HUDDELSON CLARENCE
217 STEVENS JOSEPHINE 233-7001
218 LACKEY JAMES F
219 JOCHUMSON MICHL J
220 WIEDERSPAN JACK 236-8956
221 CLOUD ALICE
222 STEVENSON ALBERT N
223 PATCH MARY L 232-7045
224 KING LEO A
225 STANTON AL E
226 SHIELDS OMA MRS
227 WHITE DOROTHY
STREET CONTINUED
840 LOMA LINDA FOOD CO WHOL 236-5577

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---SE 10TH AV INTERSECTS
1005 LEWIS BROS INC WHOL MEAT 234-5284
1006 VACANT
1012 SCHOEPPER AGENCY INC INS 233-5678
1014 THOMAS H L CABINET SHOP 234-2148
THOMAS HARRY L ● 234-2148
1034 NYLETA COURT APARTMENTS
2 PARLETTE LOIS A 234-7930
3 DENNIS MAXINE F MRS 234-9116
4 SENNETT VIRGINIA
5 HEUER LESTER
1035 HENRY DARRYL L 232-9542
1037 HALEY JEAN MRS 232-9793

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---SE 11TH AV INTERSECTS
---SE 12TH AV INTERSECTS
---SE 16TH AV INTERSECTS
1606 VACANT
1621 CAROL APARTMENTS
WOLFERT MARY J MRS 235-6146
1623 BREWIS LONI R 236-2206
1625 CARL WM
1627 RUPP DOROTHY L 236-4050
1631 LITTLECHILD H IRENE MRS 235-7422
1633 VACANT
1635 DOYLE IRMA C MRS 236-4880
1637 RUCKMAN ELSIE A MRS 235-7166
1641 SAPARTO SARA C MRS 232-3972
1643 MINNICE RON K 234-7765
1645 HILZER JUDITH L MRS 233-8176
1647 BRANDT VICKIE
---SE 17TH AV INTERSECTS
---SE 18TH AV INTERSECTS
1803 DUNETS JOSEPH 232-4780
1809 HENDERSON ROBT H ● 232-3979
1816 VACANT
1817 DING MUN H ● 235-0231
1823 LAI NEM HUNG ● 235-2075
1831 NO RETURN
1833 BLUM LEE R 236-3946
1835 WILSON MIKEL W 232-7754
1837 SIDWELL AUBREY L 236-5954
---SE 19TH AV INTERSECTS
1904 WHITMONT ANDREW 232-5847
1914 VACANT
1918 QUITORIANO LUPO A 233-7892
1919 HURD RUSSELL G
1922 STARK RALPH A
1926 CEJALVO NENA MRS
1927 MILLER JOHN E 234-1986
1935 AMHURST MANOR APARTMENTS
1 YOKOYAMA DAVID
2 MORIN GEORGIA
3 VACANT (APTS 3-5)

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---SE 26TH AV INTERSECTS
2604 HEWITT FRANK
2614 CORNETT ROBIN ● 232-8611
2622 TRONHLER HERBERT G ● 234-9151
2626 PATRICK EDGAR III 232-7401
---SE 27TH AV INTERSECTS
2704 PIERCE MARVIN F ● 234-4851
2705 KIRSCH FRED A 232-8019
2709 VACANT
2713 WILSON N W
2716 CHANGSUT FRANCISCO
2717 HANNAH LOUISE F MRS 236-0510
---SE 28TH AV INTERSECTS
2809 FLOTOW APARTMENTS
1 PETERSON B WAYNE 232-6236
2 BETTY BETTY L
3 VACANT
4 ROGERS ROBT D 235-6594
5 AYRES ROBT G 235-4779
6 REICHLE MAMIE L 234-2809
7 JUANITA JOHN
8 STENZEL GENE S 232-9564
STREET CONTINUED
2816 VACANT
2823 NEGRAVEL MARGT R 232-9430
2825 FILSINGER JACK L 235-7310
---NE 29TH AV INTERSECTS
2904 LOFGREN ELNA M MRS 234-1136
2906 VACANT
2908 BARRETT THOS F 235-1756
2912 CAREY HELEN I MRS 236-4441
2914 GAUGER AURELIA A 235-0008
2921 COLONIAL MANOR APTS 236-2800
2923 TONEY CHARLES
2925 GARCIA ROSIE 234-4784
2926 WHITEHURST J H 235-5621
2927 AENLO ELLA H MRS 236-0503
2929 HOLUKA ALEX V 234-9210
2931 QIHUS RONALD C 234-3737
2933 SMITH RICHD M 232-3505
2935 HENRY HARLAN A 236-2800
2937 DAVIS LEATHA MRS 234-4512
2938 NICKSON MARIE J MRS
O'BRIEN CECELIA MRS 235-4629
2939 HUGHS HOWARD W 235-6107
2940 CONROY BEATRICE K 234-4669
2941 APLASS ALLEN J 232-1329
2942 BENTROS MARY M MRS 234-2728
2943 MC DOWELL B J 236-6161
2944 ROMAINE GRACE MRS
2945 NO RETURN
2947 CRAWFORD ROBT C 236-3119
2949 CLARK LAURA M MRS 236-7564
2951 SEATON STEPH
2953 FENLEY LARRY B 233-7936
2955 GUSTAFSON PAUL G 234-8755

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---SE 30TH AV INTERSECTS
3303 PROSSER EARL E 235-1114
3305 MC CORMICK JERRY 234-4875
3317 RUSSELL GERALD A ● 236-0651
3324 BATESON GRANT N ●
3330 NELSON LOWELL R JR ● 235-1786
3331 COVERDELL SLOAN E ● 236-3578
3335 MC ANALLY ALBERT L ● 235-2765
3336 NO RETURN
3345 EARHART DOROTHY MRS MRS 235-0194
3349 AUSTIN STEVEN 232-1074
3355 LE COCQ ESTHER W 235-7140
3359 WILLIAMS ROBT J ● 235-2831
---SE 34TH AV INTERSECTS
3404 DORAN EDMUND L ● 232-8595
3416 BAUMGARDNER BRUCE A 236-0741
3420 DOMIER ESTELLE E MRS ● 236-3213
3423 MORSE WM E ● 236-0660
3429 WILHELM JACOB ● 235-2319
3436 HUCKINS JOSEPH L ● 238-5816
3437 OBER DARYL G 236-0363
3447 ANDERSON MELVIN C ● 236-0491
3448 FEIK DARALD
---SE 35TH AV INTERSECTS
3508 LISSY ERNEST E ● 232-9201
3515 APARTMENTS
1 NO RETURN
2 KELLY VYVA R MRS 236-8159
3 HOUCK STEPH R
4 SHEPHERD ETHEL C MRS 234-2332
3516 ROMFO ODNEY N ● 235-0442
3525 ECKERSON NORMAN J ● 236-9714
3528 HERNDON GEO W
3529 STIREWALT ELIZ A
3533 GILDERSLEEVE WILBURN H ● 234-5520
3534 PRAUS LAWRENCE ● 235-5680
3543 MUELLER ALF W ● 236-6952
3544 APARTMENTS
1 KOCH DAVID H 234-5607
2 ANDERSON AUDREY 235-6821
3 LOCKAMY MARIE 232-2002
4 PAYNE SUE
5 VACANT
6 NO RETURN
STREET CONTINUED
3552 HARDMAN ROBT C ● 236-1052
3558 MC LAIN MARTIN D 232-6442
CALLISLE DARREN K 234-7723
3603 PETERSON JENNIE E ● 232-8026
SHEAHAN BERTHA M 232-2295
3608 NEMARNICK JACOBINA L MRS ●
3611 PHELPS RICHD W 235-6214
3614 STUPP BESS L MRS ● 232-1771
3619 GRIGGS BARBARA D 235-0191
3620 BERGQUIST JANICE MRS 236-8217
3627 NO RETURN
3628 PLASKER CARL V 236-9654
3632 HAUCK WM E JR ● 234-2486
3633 HOLMES MARY F MRS ● 234-6022
3640 MAYERT JACK J ● 236-7310
3643 WOOD DON ● 236-2543
3651 HAGGSTROM ENFRID A ● 232-0650
---SE 37TH AV INTERSECTS
3704 PARKER FRANCIS F ● 236-6461
3708 BIGGS ANNA M MRS 232-7973
3716 KERR GEO S ● 232-1464
3717 BACON ORVILLE M ● 236-8823
3723 ANDERSEN OSCAR ● 232-3262
3724 BROWN ELLANORA E MRS ● 232-0860
3731 PREUITT HARRY P 236-6401
3739 AUSTIN ROBT J 232-1509
3740 MEADE BLAKE
3746 CHAPMAN ROBT E ● 236-4077
3747 DE MARS STEVEN C
---SE 38TH AV INTERSECTS
3817 STARR DOROTHY A MRS ● 232-1810
3819 GREENELEAF STEPH H 234-2246
3823 LOREY JAMES J ● 234-4252
3829 OREGON CONFERENCE SEVENTH DAY ADVENTIST (OFC)
3643 STANDARD PRINTING & OFFICE SUPPLY OFC 234-9805
---SE 39TH AV INTERSECTS

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---SE PEACOCK LA INTERSECTS
---SE 41ST AV INTERSECTS
4101 EVANS ROSEMARY A MRS ● 236-6096
4102 CARTER JOE ● 234-3595
4107 SALISBURY J L 234-4117
4107A LUCZYCKI JOSEPH E 236-4524
4115 MILLER ALEX ● 236-3908
4125 MAROIN FRANK C ● 235-5334
4126 WERNER A B CONSTRUCTION GENL BLG CONTR 234-1940
WERNER ANDREW B ● 236-0207
4132 STILLMAN JESSIE MRS 232-2307
---ZIP CODE 97215
4204 FISCHER REUBEN R ● 235-1331
4212 SCHULTZ LLOYD E ● 236-3642
4215 MADISON GLEN W ● 236-4321
4221 TAYLOR WM H ● 235-6354
4224 BOOTH JESSIE MRS ● 232-4706
4233 SEIBERT JOSEPH C ●
4234 CLEMENS EDNA ● 236-0650
4242 FRANSEN GEO F ● 236-3629
4253 KELLY EDNA S MRS ● 236-6089
4254 HURST WM R ● 236-6126
4272 EDDY ETHEL L ● 235-1784
---SE 430 AV INTERSECTS
4305 NIEMEYER HARRY ● 234-9183
4306 KNIFFIN CARL W ●
4316 MASSON DAVID F ● 235-1867
4317 JOHNSON BEATRICE R MRS ● 235-1416
4326 GRISER ELMER J JR ● 232-4710
4327 SWEETEN CHARLES W ● 235-6318
4329 OOMGORGEN PETER ● 236-4339
4334 INGRAM PHYLLIS MRS 232-2225
4405 BOND HOWARD K ● 236-8382
4410 ZIMMERMAN LONNIE M ● 235-6061
4411 COSNA ARCHIE A ●
4419 MALIN RICHD C BLDG CONTR ● 235-5513
4421 VACANT

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---SE 45TH AV INTERSECTS
---SE 52D AV INTERSECTS
5204 NASSIR ELLEAN H 232-6479
5205 SETTLEMIER STEVEN J 232-7761
5224 THOMPSON FRIEDA H MRS ● 234-2152

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---SE 530 AV INTERSECTS
5304 MC CLURE KEITH ● 235-3418
5315 SCHILLE JOHN P ● 232-1637
5327 BERTOLI CHRIS R ● 234-4892
5335 HAGGERTY DAVID W JR ● 235-3561
---SE 54TH AV INTERSECTS
5413 STOWELL MONTE R MRS ● 236-6539
5414 YEAGER CLARENCE E ●
5428 REID OLIVER A ● 235-4948
---SE 55TH AV INTERSECTS
---SE 56TH AV INTERSECTS
---SE 57TH AV INTERSECTS
5704 KAPPERS C HENRY ● 236-5704
5705 GUENTHER ARTH E ● 236-2859
5712 BELLERBY WM J ● 234-2106
5715 KIELHORN NORMAN G ● 233-7252
5718 MC CORNICK JOHN J ● 232-2466
5723 FLINN ISABEL W MRS ● 232-3372

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---SE 74TH AV INTERSECTS
7404 FABER GERTRUDE F ● 252-0300
7405 KIENHOLZ MICHL N ●
7415 KILGORE WM E ●
7422 JAHLSON ROBT L PNTG CONTR 253-4807
7425 VACANT
7501 PICKENS EARLE W ● 253-2261
7523 PEARSON KEITH E ● 255-1200
---SE 76TH AV INTERSECTS
7602 VACANT
7605 BECKNER CLAUDE ● 253-8405
7614 PEDERSEN PAUL E ● 253-0904
7621 MC GLINCHEY ELIZ MRS ● 253-0375
7622 VACANT
7634 PALMER RUTH E ● 254-2491
7635 CAMPAGNA JOSEPH L ● 253-8344
7645 MOORS CLARENCE R ● 254-6203
7646 SHORE GLENN E
7700 VACANT
7702 FIELD JOYCE MRS 255-0572
7705 DIAMOND ORVILLE C ● 253-6209
7714 WIDMAN HAROLD O JR ● 254-0403
7715 JONES BLAINE W ● 253-9998
7730 SIMPSON RAY G MRS ● 254-4777
---SE 78TH AV INTERSECTS
7822 ELIW GEO S ●
7832 TIPTON ALICE M 254-3875
7836 MELLEN DENIS R 254-4627
7903 DODDK JOHN A 253-2709
7904 RENEMAN D 252-2066
7912 COGAN RILEY ●
7915 MARTIN DRA LEE MRS 255-6479
SALDIS LINDA 254-7791
7915A CAMPBELL H E 255-8057
7936 CLEVELAND HAROLD E 252-5882
---SE 80TH AV INTERSECTS
8006 NEIGHBORHOOD UNITED PENTECOSTAL CHURCH 254-2966
8025 VACANT
8045 ACE TAX SERVICE 252-5436
LANDRY WILFRID L ● 252-5436
---SE 81ST AV INTERSECTS
8126 SPENCER EDWIN C ● 254-3354

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---ZIP CODE 97216
---SE 820 AV INTERSECTS
8309 LABRECQUE NORMAND E 256-4318
8318 ANDERSON RALPH V 252-6932
8328 OPRIS VASILE ● 254-3053
---SE 84TH AV INTERSECTS
8415 HAYNES WM F ● 253-8079

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5253 TIMM RAYMOND W ● 289-2050
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5267 MOORE CHARLES W ● 289-1390
5268 MC COY MICHL F 289-1822
5275 MOORE WAYNE C ● 285-4863
5282 VOLZ MATTIE A MRS ● 285-5662

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---N PORTSMOUTH AV INTERSECTS
5330 ITO JOHN S ● 289-6250
5333 WHITTEN WILFRED J ● 285-6922
5406 HEIGEL RUDOLPH W ● 285-3841
5407 DIXON VESTA MRS ● 285-1524
5427 IVERSON DONALD F ● 289-4733
5428 ALBRIGHT HENRY W ● 289-0522
---N VAN HOUTEN AV INTERSECTS
5508 NO RETURN
5516 BRECHTEL GARY L 285-1606
5530 WILSON WILDA G MRS ● 289-2735
5601 ASTOR JOHN JACOB SCHOOL 289-9490
5610 HINES HENRY H ●
5630 VAN MART GOLDIE C MRS ● 289-3029
---N MONTEITH AV INTERSECTS
5705 SCHOTT SAML ● 289-3782
5717 HINES ALBERT H ● 289-8650
5718 WILSON HESTER R MRS ●
5801 NO RETURN
5802 PENIMORE LLOYD E ● 289-7108
5810 TRUMAN STANLEY L ● 289-3715
5811 GREENHALGH MARGT E MRS 289-9792
5822 KINDRICK DAVID T ●
---N MC KENNA AV INTERSECTS
5905 WEBER RICHD H ●
5925 DEZELL ALICE P MRS ● 285-5781
6015 KRUGER HENRY ● 289-2445
---N WALL AV INTERSECTS
6207 KALIMANIS SAML A ● 286-5990
6208 STEWART DORIS B MRS ● 286-4537
6214 VOLLERTSEN WALTER C ● 285-4277
6219 GRIMSRUD LLOYD L ● 286-8464
6220 FRAIJO DAVID L
---N WESTANNA AV INTERSECTS
6300 MC CONNELL S M 286-0876
6301 SMITH ARTH C 286-8477
---N WESTANNA AV INTERSECTS
6405 AXTMAN FRANK J ● 285-2689
6412 DUNN RALPH E ● 286-8166
6422 STEINFELDT EDW A ● 286-8579
6423 AXTMAN DOROTHY L ● 286-8494
6432 FISHER IDA C MRS ● 286-8194
6433 LISTON WM ● 286-8413
6441 PLOCK ALBERT ● 286-8635
6442 GOLIK DANL A ● 286-8129
6452 VACANT
6453 SNYDER HENRY N ● 286-5996
6500 SCHUYLER CALVIN G 286-8418
6505 TEEGAROIN CLARENCE N ● 286-8438
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6516 BENTON KENNETH C 286-8636
6517 MADRONES NICK ● 286-0222
6524 BULLEN HAL N 286-3150
6525 KAUYALA KENNETH G 286-8172
6534 RADEMACHER RAY J ● 286-8049
6621 HUTCHINSON NARCISSUS M MRS 285-9476
6727 TABSHY SAML J ●
6731 POST WALTER K ● 286-5944

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YAMHILL CT SE -FROM JUNCTION SE YAMHILL ST AND SE 64TH AV NORTHWEST

---ZIP CODE 97215
6545 ZAVODSKY ROBT R ● 232-6893
6639 PLAMONDON RALPH J ● 252-0404

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YAMHILL ST SE -FROM THE RIVER EAST 2 SOUTH OF SE MORRISON ST

---ZIP CODE 97214
---SE WATER AV INTERSECTS
50 PROMOTION PRODUCTS INC SIGN & DISPLAY MFRS 234-0901
61 HARRIS THERMAL TRANSFER PRODUCTS MFGS 232-6161
---SE 1ST AV INTERSECTS
81 BURNS BROS RETREADERS TIRE WHSE 234-T393
111 NOR-AIR INC HEAT & AIR CONDITION 234-0250
135 PAPER CRAFT SPECIALTY (BR) 232-7138
---SE 20 AV INTERSECTS
202 OREGON WASHINGTON CONTRACT HARDWARE INC WHOL 233-8428
211 FULLER-O'BRIEN CORPORATION WHSE RETAIL PAINT 233-5031
236 KING PAPER CO WHOL 235-3135
---SE 30 AV INTERSECTS
---SE UNION AV INTERSECTS
---SE GRAND AV INTERSECTS

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---SE 6TH AV INTERSECTS
630 ATLAS APARTMENTS 235-9796
APARTMENTS
1 ROOZEN GARY 232-3508
3 PERSON DAVID 236-8295
4 VACANT
5 DE MARTINE BETTY MRS
6 ADKINS WAYNE
7 MEISNER ROBERTA MRS
8 SCHROEDER LEON
9 MC LEOD HUGH
10 JONES TOM
11 PORTER C F
12 VACANT
14 GONYA BEN
15 WHITE LEVI
16 ELSEY CLARENCE
17 BLOEMKY RON
18 CHRISTENSEN TOM
19 HUNT JESSE
20 IVERSON RON
21 DAVIS GARLAND
22 STRATHOUSE CLARA MRS 232-2651
23 RUSSELL JUSTICE
24 KOSSACK TONY
25 WALTMAN JOE
26 ROYAL FRANK
27 VACANT
28 BECK CHRIS
29 ROGERS FRED
30 WAGNER VIC
31 TUCKER KEN
32 CASE LAWRENCE D 234-3794
33 DVLONSKY STEVE
34 VACANT
35 VACANT
36 VACANT
37 SISCO JOHN
38 KEITZER RALPH
39 RUDDICK O G
40 BROWN EDW
41 LE ROY GEO
42 KAHRS JOHN F
43 PASCHKE DOROTHY
44 DELBY LARRY
45 GREEN RALPH
46 SMITH R G
47 HEAD BUDDY
48 VACANT
49 BOWN ROGER
50 VACANT
51 VACANT
52 VACANT
53 HURD ROBT
54 BROWNING MYRON
55 NELSON BOB
57 HULL CHARLES
58 WITTLE JOHN
59 BROUGHER KARL
60 COFFEY EDWINA
61 WALDREN WM R
62 BENNETT CHARLES
63 WESTLING JOHN
STREET CONTINUED
---SE 7TH AV INTERSECTS
721 GILBERTSON MACHINE SHOP 232-8002
OREGON ENGINE CENTER INC 234-7466

232

---SE 12TH AV INTERSECTS
1222 WEIR HARRY E ● 232-2424
1223 VACANT
1225 APARTMENTS
3 VACANT
4 HUMELAND JACK 232-6710
5 VACANT
6 ERICKSON MARY J
7 KONSHINA MARENA
8 MC CARTER DACA M 235-1218
1227 VACANT
1235 LEWIS APARTMENTS 232-5994
1 STUBBS ROBT O 235-8072
2 AMOS TOM G
3 THOMAS GLEN
4 VACANT
5 SHUH MELVIN
6 DELACRUZ JOHN 236-4414
7 TURNER HARRIET MRS 235-5717
8 MAYFIELD ROBT
9 VIDOVICS BOGANA
10 VACANT
11 SMITH FRANK
12 JOHNSON BENNIE D 232-5994
1236 HANSEN RUTH MRS
---SE 13TH AV INTERSECTS
1305 ELLIOT RICHD E 232-5295
ALEXANDER RICHD
1311 OLSON IRENE MRS ● 234-6220
1318 FRESVIK ODEN S ● 232-5965
1325 APARTMENTS
1 ROACH ROSE MRS ● 234-4756
2 RICE INEZ MRS
3 AUGUST CHARLES
4 PAYNE JACK
5 BOGANRIFE NELSON M 232-5923
1333 VACANT

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---SE 20TH AV INTERSECTS
2020 WINKELMAN WALTER E ● 232-6456
BERG ARCHIE W
2025 NICHIREN BUDDHIST CHURCH 235-9265
2026 DOWDY IRVEN J ● 234-1171
2031 KODACHI ZUIGAKU REV 232-8064
2039 TECHNICAL ASSOCIATES CONSULTING ENGS 235-5267
RILEY JACK C ● 235-5267
2045 VACANT
---SE 21ST INTERSECTS
2101 BELL'S BOARDING HOUSE 235-3278
BELL NORMA J MRS ● 235-3278
2104 PETERSON MARION J 232-4367
2106 JONES JIMMY J
2107 HOLBERT DONALD 236-7236
LYONS MARGT M MRS 235-5648
2112 MESSER PAUL 235-0224
2115 MILLER LYLE F ●
2116 CURTIS RUTH M MRS ● 236-9236
2124 FUNKHOUSER JERRY D
2125 BORDER JAMES 232-4268
WEBB JAMES R 234-6703
2131 FENDLEY THURSTON M ● 235-5491
2134 NO RETURN
2137 ESTERBERG GLENN D 236-4975
2147 PRENTICE SYDNEY E ● 235-1771
---SE 22D AV INTERSECTS
2203 BLODGETT KENNETH L 236-4229
2213 VON WALD ROBT B 232-5618
REAR HEAD GARY 232-1981
2220 WALKER BARBARA

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---SE 23D AV INTERSECTS
2305 SPURLIN CHARLES H ● 235-8054
ALEXANDER CORA M MRS
RAMEY AMY
DANNELLS DOROTHY
2310 PLANTE HENRY 234-5619
2313 BROPHY DORIS E 236-6488
2322 VACANT
2323 SHANER HAL R ● 236-5662
2328 NO RETURN
2331 WAHL ADOLPH ● 236-2787
2332 LAYTON DELMA MRS 232-4540
2338 WILSON BERTHA J MRS ● 232-8546
2339 FARRELL WM ● 233-6727
2343 KINNAN ROBT W 236-0176
2345 HAYNES STEPH 234-8347
2348 JANNEY FLOYD F ● 234-1736
2406 WATSON NOLA
HALL ESTHER A 236-6761
VACANT
2409 APARTMENTS
1 WILSON GARY 236-6561
2 HARPER JOHN C 234-8970
3 MINANO GWEN 235-7969
4 TODD PEGGY M 232-3212
5 VACANT
6 MACKAY IONA
7 SHANP LA VERNE D 236-8151
8 KODER V A 234-1007
2414 BERNING MARION M 232-6261
2422 GEORGE DENNIS D 235-3071
2424 VACANT
2425 CLARK PAUL M ● 232-3026
2428 GARVILLE WM ● 236-1903
2429 GARDNER DONALD R 234-4675
2438 WOODS V MARVIN ● 235-6091
2445 EVERSOLE CORINNE MRS ● 235-4772
2451 WALTERS BARBARA MRS MRS ● 236-1229
JOHNSON HELEN
---SE 25 AV INTERSECTS
2502 CALHOON LEE E ●
2503 HAYNES JENNIE J MRS ● 232-7060
2508 LOST NORVAL K 235-7429
2509 HODGKINSON ROBT W ● 232-7952
2516 STANLEY ARTN R ● 232-9062
2517 NASBY LLOYD R ●
2524 BEGUHL GRACE MRS 232-1728
---SE 26TH AV INTERSECTS
2603 GARDEN COURT APARTMENTS NEWSON ANNA MRS 236-1811
2605 BASHIN WM 236-6974
2607 KRUM SUSIE A MRS 232-1254
2611 BOTTS LILLIAN A MRS 236-7513
2613 AMOS R K JR 236-0376
2615 VACANT
2617 MONKHOUSE ELEANOR L 234-1617
2619 VACANT
2621 ROBERTSON MARLOWE W ● 236-8798
2622 KISER JOSEPH J ● 232-3820
2634 MILLSPAUGH MICHL 232-7503
---SE 27TH AV INTERSECTS
2703 MICHENER ETHEL I MRS ● 235-3740
2706 WILSON ARTH E 234-4936
2707 DIEFENDORF WINIFRED A MRS ● 236-8347
1 SKATTUM JUDY A 235-6839
2 DAWSON DENNIS D 235-7612
3 FREEO BUDO F 236-0696
4 STEVENS DAVID V 234-4807
5 NO RETURN
2713 BAKER JOHN R ● 232-4790
2727 MOORE MARGT 234-3709
2729 HIGGS ETHEL MRS
2731 SALTVEIT CHARLES R ● 235-2059
---SE 28TH AV INTERSECTS
2805 NO RETURN
NAFZIGER CLAIR
NEWCOMER JIM 235-4237
2806 SAXTON DARRELL A ● 235-2474
2813 MANLEY HATTIE L MRS ● 232-0604
2814 ARNDT ESTHER M ● 236-3327
2823 SCHROEDER JOHN J 235-0710
2824 HAHN NORMAN E ● 235-2050
2832 SCHROEDER JOSEPH B ● 232-4731
2835 APARTMENTS
1 LAMBRECHT ALBERT T 235-1447
2 VACANT
3 MELVIN MARGT A 235-8028
4 VACANT
---SE 29TH AV INTERSECTS
2904 HOWARD LOIS M MRS 236-9252
2912 TANG KWOK HUNG
2914 WILSON J P 236-0556
2917 BERG ARNE ● 236-3848
2921 MEADS ARTHUR
ISANHART MICHL R 235-7132
2926 KROLL MICHL J ●
2927 FOSTER VIRGINIA M 232-9429
2934 DICKIE ROBT W ● 236-0585
2935 BATES GEO A ● 236-7854
2942 IVERSON PETER ●
2949 GLENWOOD APARTMENTS 234-1396
1 GOULD BENSON
2 GOULD WALTER 234-1396
3 CASSEDAY JAMES M 232-4223
4 PERHUS ALLEN J 235-1689
5 HAAS J
6 KNEPPER DEO
7 GATES STELLA 235-5647
8 VACANT
9 MITCHELL ALAN T 236-0440
10 VACANT
11 WORKMAN BERTHA
12 SWOBODA MARGT MRS 235-0119
14 HEDDERLY LOUISE 235-2378
15 BALDWIN BERTHA M 234-2345
16 DORAN GEO L 236-1859
17 WEINS JULIA
18 WELLS MARGT
19 REANEY MAURICE L 232-6465
20 O'CONNOR BRUCE
21 LUCK J K
22 VACANT
STREET CONTINUED
2950 GOONE PAUL 235-1853

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---SE 30TH AV INTERSECTS
3004 LAMBERT JAMES L ● 232-2641
3008 WAGONER MAE 236-5091
3009 VACANT
3010 HASTINGS CLIFFORD O ● 232-1245
3015 WARRING ROBT J 232-8487
3020 APARTMENT
1 HEATER MONICA 233-8120
3 SALTVEIR VICTOR
4 SEAQUIST RICHO
STREET CONTINUED
3021 O'BRIEN ROSE MRS ●
3024 EPPERSON KEN R 235-4048
3027 BENNETT ELSIE G MRS ● 235-1905
3030 CUSTER KATHLEEN R 234-8768
3034 WYNN CLAUDE E 235-3944
3040 JAGELS NORMAN H 232-9488
---SE 31ST AV INTERSECTS
3101 LODWIG LILLIAN H MRS 235-4429
3103 PENCE LEWIS C 235-4229
3118 ERSTICH MIKE J 234-7106
3122 WARD MARY C MRS 235-2945
3125 LEE JOHN E 235-1095
3130 AULBOCH EVERETT ● 234-5787
3136 BECKMAN ANAMARY MRS ● 236-6354
3137 RICE LUCILLE D MRS ● 234-1758
3142 CLARK THOMAS ● 235-1607
---SE 32D AV INTERSECTS
3200 RICHARDSON LETA M MRS 232-9753
3206 WILKENS CHARLES ● 235-4301
3210 MYERS EMILIA MRS 234-2741
3214 STOFIEL ED
3222 NO RETURN
BRENNER LOCKEY N MRS
3223 ROBERTS HELEN A MRS ● 236-3148
3231 SCHOOLER IRENE D MRS ● 232-7773
3235 HALL ARLENE C MRS
RHODES ALBERT
3236 CROCKETT OTTELIE 234-6242
3244 FREDERICKSON ELVINUS ● 236-6791
---SE 33D AV INTERSECTS
3304 NASH MARGT D MRS 232-6808
3310 WRIGLESWORTH ROBT L 236-9050
3316 BIBB HARRY W 235-2451
3322 GARRISON TED ● 232-7887
3325 SPINK WALTER S JR ● 234-2014
3329 WILLS EDW C 236-0534
3330 BAUER HALLIE M MRS ● 232-1443
3343 CLARKE FLORENCE MRS 234-2570
3344 HADDOX WM L ● 232-6319
3354 NO RETURN
---SE 34TH AV INTERSECTS
3413 GREEN APARTMENTS 236-0812
1 RAYER FRANKLIN L 232-7793
2 DERRETH ANNIE M MRS 233-8034
3 BUTLER HAROLD S 236-0812
4 SKOIEN JOSEPH A
5 VACANT
6 NO RETURN
3415 VACANT
STREET CONTINUED
3443 MONTAG FURNACE CO (STGE)
3445 CHILADE FRANK G ● 232-9637
3449 VACANT

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---SE 35TH AV INTERSECTS
3519 CARRILLO EMILY MRS
3520 SUNNYSIDE UNITED METHODIST CHURCH 235-8726
PORTLAND PUB SCHOOLS-EARLY CHILDHOOD EDUC UNIT 6
HEADSTART PROGRAM 235-1335
3534 KELLOGG ALBERT H 235-0166
3535 MILLER'S AUTO SERVICE 235-2001
MILLER HARRY O ● 235-2001
3536 WILLS DANL F ● 234-2051
---SE 36TH AV INTERSECTS
3609 ALLEN WM E ●
3620 SOCKERSON RAYMOND F
3624 BLACK ROBT A 232-0336
3625 NO RETURN
3627 TURNER GRACE N MRS ●
3631 EVJEN JULIA M MRS ● 235-5243
3634 JONES CHARLIE ● 235-2016
3639 VACANT
3641 PAULL TERRY 234-0098
3645 THOMPSON MATILDA M MRS 235-7876
3649 RICHARDSON DONALD
3651 DE CORTE MICHL J 232-8257

TP	Adjoining	Source
✓	✓	R.L.Polk Co.

MORRISON ST SE 1965

PORTLAND 12, OREGON — 287-1240
CITY WIDE DELIVERY SERVICE
LINEN SUPPLY
INDUSTRIAL SUPPLY
PHONE 226-3275
1916 NW OVERTON
R. A. BROWN, Manager
PHONE 227-2482

INVESTORS INSURANCE CORPORATION
AN OLD LINE LEGAL RESERVE LIFE INSURANCE COMPANY
1033 NE 6th AVENUE, PORTLAND
PHONE 232-9161

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MORRIS ST NE--CONTD
---NE 36TH AV INTERSECTS
3636 CRICK ROLLA J ●

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---NE 68TH AV INTERSECTS
6824 VACANT
6825 KLINDWORTH LOUIS D ●
287-7175
6834 APPERSON ROBT G ● 282-0564
6835 SHULTE LENORE A ●
6842 HAGGARD DONALD L 284-2956
6843 DAMICO MAXINE MRS 288-1831
6852 OLEBRING NILS H ● 287-3208
6855 BELL CHARLES
6903 CARLSTON CHARLES 284-2743
6904 NO RETURN
6913 SMITH IDA MRS ● 284-3406
6914 KEALER W C 287-1449
6920 KELLER HERMAN ● 284-3988
6921 JOHNSTON JOHN T 287-1054
6954 LEONARD JAMES E ● 287-6487
6962 ODELL RALPH W ●
---NE 70TH AV INTERSECTS
7011 COLE NAYLOR E JR ● 282-5852
7021 STEARNS LEWIS C ● 282-2928
7030 MORIS ELIZ MRS ● 287-3674
7033 STEARNS MARY J MRS ●
7038 BARTELL NORMAN V ● 281-6010
7101 LEE ROBT E 284-3225
7106 HUNGATE HOLLIS D ● 284-0754
7111 JOSEPH LOUIS E ● 281-3915
7123 MOODY-BROWN NITA J MRS ●
284-1010
---NE 72D AV INTERSECTS
7512 KOLBO ALBERT N ● 254-1722
7524 ROSE DAVE
7534 RICHERT SAML E ● 254-3180
7544 MILLER ROSS
7556 GREEN BYRON D ● 254-9516

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---NE 76TH AV INTERSECTS
7626 RENNER RUSSELL H 283-1811
7636 KAPOURY STEPH K ● 254-1514
---NE 77TH AV INTERSECTS

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MORRISON CT SE -FROM SE MORRISON
NORTHWEST 1 N OF SE BELMONT

6302 MOWLDS ROBT G ● 235-1571
6320 KOTKINS WALTER B ● 236-0552
6336 WOODLEY ROBT F ● 234-9428
6348 LINDSTROM PAUL R 232-6615
6351 RAFORTH ROBT ● 238-3362
6411 PRINCE RICHD W ● 236-6847
6423 COGAN VINCENT ● 236-7607
6441 VACANT

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MORRISON ST SE -FROM THE RIVER
EAST SOUTH OF SE WASHINGTON

---SW 1ST AV INTERSECTS
---SE WATER AV INTERSECTS
121 BEST RECAP (OPC) 236-8473
129 HASLOP J E PRINTING 232-0712
130 GOODWILL INDUSTRIES OF OREGON
INC (WHSE)
131 SIGN SERVICE SIGN PNTRS & MFG
232-6016
139 BEST RECAP RECAPPING TIRES
236-8473
---SE 20 AV INTERSECTS
215 NORTHWESTERN TRANSFER CO
235-8326
WESTRANSCO-UNITED FRT
FORWARDERS 234-2844
BAYER A J CO CONVEYING
SYSTEMS 235-8563
COOK LEO CO WHOL FEED GLRS
232-5164
CORDANO'S CHEMICAL CO MFR'S
AGTS 234-1465
CROWN BROKERAGE CO (BR)
FROZEN FOOD BROKER 236-4076
FINE FOODS DISTRIBUTING CO
FOOD BROKERS 234-8732
INDUSTRIAL FUMIGANT
PESTICIDES (WHOL) 234-2556
MANUFACTURERS SALES WHOL
NOVELTIES 235-0412
ROTH GEO M CO MFRS REP
234-0749
ROYAL METAL CORP FURN WHOL
SALA E C CO FOOD BROKERS
232-4226
---SE 30 AV INTERSECTS
---SP RY TRACKS CROSS
301 R & D HIDEAWAY RESTR 235-2381
322 PACIFIC APPLIANCE PARTS
(WHSE)
326 PACIFIC APPLIANCE PARTS ELEC
EQUIP 235-3161
335 PORTLAND PRODUCE MERCHANTS
ASSN INC
---SE UNION AV INTERSECTS

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---SE GRANT AV INTERSECTS
500 PFLAGER'S J O CIGAR STORE
235-9156
504 EGGY'S FLOWERS 232-1677
510 EAST SIDE COMMERCIAL CLUB
232-7155
511 CITIZENS PHOTO LTD PHOTOG
232-8801
516 WEATHERLY BUILDING 232-4535
ROOMS
201 VACANT
202 WHEELER WARREN OPTOM
232-9779
203 VACANT
205 VACANT
207 RANKIN FINANCE CO LOANS
232-4151
210 GENERAL BREWING CORP BEER
DISTRS
211 VACANT
212 VACANT
215 BERNARD J INSURANCE
AGENCY 235-4479
216 VACANT
223 VACANT
301 VACANT
306 VACANT
307 TEETER DAVID M ACCT
235-6923
310 JOHNSON ALF J LWYR
232-0454
312 LORETTE AGENCY INS
236-3687
314 BECKER HENRY G ACCT
236-7252
401 HULME HAROLD NATUROPATH
232-4832
405 OREGON RESTAURANT &
BEVERAGE ASSN 234-8497
405 HOST MAGAZINE
PUBLICATIONS 234-8497
407 VACANT
409 CRAMER ROBT L ACCT
234-1025
411 VACANT
412 MARINE INDUSTRIAL
CONSULTANT
414 BOOTS SYDNEY W REAL EST
235-6877
501 VACANT
505 MUTUAL FUND BROKER INC
232-2731
507 BAINES ARTH B LWYR
235-3183
506 RUBLE JOSEPH P LWYRS
235-3183
510 VACANT
511 VACANT
512 PRINCE A J CO INC FOOD
BROKERS 234-4459
513 BOITANO ANDREW S & CO
ACCTS 232-9683
601 BOSTON MR DISTILLER INC
WHOL LIQUOR 232-1047
602 VACANT
603 LAMBSON NOBOLIFT CORP
(STGE)
605 KUEHNER RICHD C AGRL
CONSULTANTS 232-1569
605 OREGON FINE FESCUE
COMMISSION 232-1569
606 VACANT
607 REGENCY ADVERTISING AGCY
232-4420
609 ROESCH LOUIS CO LITHO
234-4715
610 WEATHERLY INSURANCE
AGENCY 232-1972
613 WEATHERLY BUILDING (OPC)
232-4535
614 MC KINLET WM G MFRS AGT
235-6462
702 WINSTON CO PHARMACY SUP
BROKER 236-5482
706 PACIFIC ADJUSTERS INC
232-7673
709 OMAHA WOODMEN 234-7309
710 SHERROD ROY D MFRS AGT
235-8307
711 WELLS DE LAP & KING ACCTS
234-3481
806 VACANT
807 LEONARD TOM AGENCY INS
232-4491
811 TEXTILE WORKERS UNION OF
AMERICA LABOR ORGS
232-4389
816 UNITED PAPERMAKERS &
PAPERWORKERS 234-5991
902 WIEGAND ROBT E MFRS AGT
234-9509
905 SOUTHLAND LIFE INSURANCE
CO 235-3555
908 IRVIN E E & ASSOCIATES
INC INS INVESTIGATORS
234-8331
907 BIBLE TESTIMONY INC
909 NALCO CHEMICAL CO WHOL
CHEM 234-5379
911 HULL WAYNE FOOD
CONSULTANT 232-0869
913 VACANT
915 CRANDALL KERN LWYR
236-6292
1003 MOUNT HOOD DENTAL
LABORATORIES INC
236-1333
1007 DUTTON PAUL E DENTIST
232-9141
1007 HOMANN PAUL H PHYS
232-9141
1012 BURHANS-SHARPE CO THE
MFRS AGT 234-1561
1013 U HAUL LEASE CO SR OFC
OF ARCOA TRUCK LEASING
233-4451
1014 PYRAMID LIFE INSURANCE
CO 232-4514
1015 LOWE GLEN L DENTIST
236-1951
1101 OREGON NON-PROFIT
ORGANIZATION INC MISC
234-3026
1103 VACANT
1105 ASSOCIATED INVESTORS INC
INS 236-1808
1107 DIX PAUL J DENTIST
235-2665
1107 VOSE B ARND DENTIST
236-1844
1112 LEE VIRGIL N DENTIST
236-3190
1114 TURPLE THEO C DENTIST
232-5505
1116 RONNING GEO A DENTIST
232-2569
1201 SUNKIST GROWERS INC WHOL
232-8103
1207 VACANT
1209 STRAND AL REALTOR
234-3538
1210 HORIZON TYPE COMPOSITION
236-0814
1213 VACANT
1216 GRIESINGER WALTER H
DENTIST 235-5976
STREET CONTINUED
518 JACKSON KELLY SHOE SHINER
235-9108
WEATHERLY BUILDING BARBER
SHOP 235-9108
519 VACANT
520 SABE NORMAN V WATCH MKR
235-7945
524 VACANT
525 CLIFFORD BARBER SHOP
527 CLIFFORD HOTEL 232-7189
531 VACANT
534 CITY FINANCE CO 234-7427
535 STELL SALES CORP MFRS AGT
232-6115
---SE 6TH AV INTERSECTS
601 KOVAR'S CAFE RESTR 235-9685
607 ACE-HI TAVERN 235-9488
611 ALUM-A-LITE ALUMINUM CO MFRS
234-9278
612 FIRST NATIONAL BANK OF OREGON
THE (BR) 228-7131
617 TROY'S BARBER SHOP
619 VACANT
621 GASKET SUPPLY MFRS 236-5874
625 VACANT
627 EAST SIDE INSURANCE AGENCY
232-2807
629 IVAHO APARTMENTS
1 TAYLOR JOSEPHINE MRS
235-0170
2 FRIEDRICKSON GUST
3 VACANT
OSBORN CLIFF
4 KILLIAN OTILLA MRS
5 YOUNG RAY
6 WARD DONALD
7 MARTELL THOS
7A LANG JERRY
8 CHRISTOPHER ARNOLD
8A WILLIAMSON WM
9 BOYD STUART S
10 DRAEGER ALF
11 REDDING GEO E 232-6524
12 FOWLER JACK
14 FIELDING MELVIN
14A FREDERICKSON CHRIST
15 BLANCHARD JAMES
16 VACANT
16A VACANT
17 LIGHTNER WM
18 WALD WENDELIN
18A MULLENNIX CHARLES
19 WEIMOR PHILIP
20 WALENTA MARTHA
21 KING MARLOW 235-9072
22 MC CAULEY E W
22A VACANT
23 VACANT
24 VACANT
25 PERSONS WALTER
25A SPEARL A J
26 ALEXANDER DORIS
27 KOLARICH JACQUETTA L
28 VACANT
28A HAYS JACK
29 MC LAUGHLIN BERTHA
30 SCHNEIDER KATH
30A VACANT
31 VACANT
32 VACANT
33 VACANT
34 MESSINGER HARRY
35 LUNAN AL
STREET CONTINUED
631 PALMER'S SHOE REPAIR 233-6058
PALMER HENRY H 233-6058
633 VACANT
639 CORDELL'S CAFE 235-9709
---SE 7TH AV INTERSECTS
700 LINDEEN WELDING SUPPLIES
234-0854
717 EAST MORRISON APARTMENTS
1 LOVELL MARJORIE MRS
234-4456
2 CRITTENDON CLARENCE
3 DAWSON A W
4 SMITH BARBARA
5 SPEAKMAN CLAUDE D 234-8615
6 FESSLER JOSEPH M
7 JACOBSON ROY
8 RICHARDSON THOS
9 NICHOLS ROBT
10 GUNZOLAS RICHD
11 BURNETT NELL MRS
12 HUNGERFORD ROBT D
13 MORISHITA UTAKA
14 SCHROEDER B
15 YOST BEULAH D MRS 236-8371
16 STRONG WM C
17 KUTCH JESSIE
STREET CONTINUED
719 UNITED BEARING CO OF
CALIFORNIA INC 235-6631
725 MAC KINNON TOOL & MACHINERY
CO MACH SHOP SUPPLIES
235-8613
726 JONES E NASH LWYRS 233-4747
727 JOHNSON E A CO AUTO
ACCESSORIES & PARTS 235-1130
729 LITHOGRAPHERS &
PHOTOENGRAVERS INTL UN LOCAL
202 234-7403
OREGON MOTOR HOTEL ASSN
236-7403
735 NAGEL SUPPLY CO INC WHOL
PAPER & JANITORIAL SUPS
234-6414
---SE 8TH AV INTERSECTS
808 HAGEMAN SERVICE BUREAU
BOOKKEEPING SERV 232-5166
GRAND CENTRAL BOWL 235-9108
J & H RESTAURANTS INC (DBA
GOLDBERGS) 235-9686
JOE'S FINE FOODS RESTR
235-9686
---SE 9TH AV INTERSECTS
927 SAGEBRUSH ROOM THE RESTR
234-5705
932 PORTLAND INDEPENDENT MILK
PRODUCERS ASSN DAIRY
234-9571

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---SE 10TH AV INTERSECTS
1001 BEST DISTRIBUTING CO WHOL
AUTO PARTS 232-0145
1029 ALBRIGHT BROS GLASS CO
234-9749
1040 COUNTY-DIV REGISTRATION &
ELECTIONS 227-8441
---SE 11TH AV INTERSECTS
1115 M & F FINANCE CO INC LOANS
232-9139
1117 MORTENSEN A W CO BOILER
DISTR 235-3165
1120 BRADLEY'S PIES INC WHOL
232-5195
1135 FRED & LLOYD'S AUTO SERVICE
GAS STA 234-3741
---SE 12TH AV INTERSECTS
1200 COUNTY FOOD STAMP PROGRAM
232-4651
1205 BOB'S MOBIL SERVICE GAS STA
236-2743
1230 REX ARMS APARTMENTS 235-9409
2A KENTTA VIVIAN
2B COOPER ROSE MRS 232-2659
3A GOLDSMITH LILLIAN 232-7636
3B COOK ALTA E
4A WAGNER PAUL
4B HORNER NELLIE 236-1509
5A TOMPTE CLARA MRS
5B JAKSHA CHRISTINA R MRS
232-9855
100 LAMERTON RUTH MRS
101 WILLIAMS JULTE M
102 WALKER LARRY
103 LOCHBAUM PAUL
104 JOHNSON RICHD E
201 HINTZ WM
202 HOPKINS DELLA
203 JONES JESSE 234-6282
204 CUNNINGHAM JAMES
205 JONES MINA
206 CHILES FLORENCE 236-7466
207 VACANT
208 HALL RICHD J
209 YEAGER EFFIE E MRS
234-2046
210 METCALF EDW V 234-6831
211 CRUM HAZEL MRS
212 GINNIS JACK 236-0003
301 WILSON CATH MRS
302 MATFIELD ARDEN D
303 LESLIE RAYMOND 235-0919
304 BASTIAN EVELYN H MRS
305 GUPTILL ELIZ 234-6049
306 GEIS ERWIN W
307 HEMMINGER MERETTA W MRS
234-3687
308 HURD JUDY
309 STARR MARTHA E MRS
234-1372
310 BEYNON KATH T MRS
235-1134
311 COOMBE WINIFRED MRS
312 BARKHURST NELLIE I
232-5081
401 KITCHEN GRACE MRS
234-1194
402 GORDON ELSIE 232-3514
403 RYLES LUHA
404 MANN ROBT
405 WILSON GEO
406 IDLE WM C 234-1318
407 TRANCHELL EUG J 236-4730
408 JIROCH MARY 232-3895
409 THOMPSON RONALD
410 JENSEN L E
411 HARDMAN MARY
412 MATTHEWS CHRYSTAL K MRS
235-5186
501 FITZGERALD OCTAVIA MRS
502 PATTEN BARBARA L
503 BINGHAM ISAAC G 236-6162
504 VACANT
505 BOHAN ELIZ V 232-9725
506 HYATT RICHD 235-1739
507 CONRAD HARRY M
508 WELLS JAUNITA MRS
234-5864
509 KUHNHAUSEN EDITH
510 GILMORE WM H 235-7560
511 WEIGEL A G 232-6462
512 BERNS CAROLYN
STREET CONTINUED
1245 VACANT
1247 SUMMERS GLADYS M 234-4112
---SE 13TH AV INTERSECTS
1300 VIC'S SUNDRIES & TOILETRIES
234-1653

TP	Adjoining	Source
-	✓	R.L.Polk Co.

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3936 RAYCRAFT MARTHA MRS ● 282-6344
3946 ADAMS LEANELL ● 281-7668
3953 SIMON KATIE L MRS ● 287-5609
3956 HERGERT HENRY JR ● 282-1526
3963 ROBINSON BRUCE ● 281-7918
3969 SIMONSEN VERNER ● 282-0543
3972 KOCH ANNA MRS ● 281-0479
3973 SCHMITT JACK
---NE SHAVER INTERSECTS
4005 DURST RUSSELL L ● 281-1025
4006 KENNEY EUG
4015 TREBELHORN JEANIE MRS ● 281-6514
4016 IRVING RUBY MRS 288-1160
4026 BATTLES LORA
4027 LLOYD FRED R ● 287-7376
4035 PRESTON EARL
4036 MILES GENE ● 282-9080
4042 HUDSON ARTH 282-3327
4043 SCHAFER FRED ● 284-0646
4056 WILLINGER VADA L MRS ● 282-7071
4057 BRADFORD VALIVA MRS 284-3551
4062 MC CORVEY SIDNEY D ● 282-0130
4063 DUMAS LUCILE MRS
4072 VACANT
---NE MASON INTERSECTS
4103 VACANT
4106 GAESEL MARGT MRS ● 281-2485
4114 LEWIS MATTIE L MRS ● 284-8139
4115 LEHL CARL GARBAGE COLLR ● 281-6398
4127 FERGUSON HENRY ● 282-5408
4128 PEDERSEN DARREL
4133 PIHL ESTHER M MRS ● 281-5194
4135 PATOKOSKI TIMO
4136 LOLLEY WILBERT ● 281-2638
4206 MC GRUDER EDW 288-3401
4207 ADKISSON CARL T ● 281-9293
4215 HEIN DANL J ● 282-4604
4216 GOUGH ANNA L MRS ● 252-3082
4226 VACANT
4227 COLLINS ROY W 4
---NE SKIDMORE INTERSECTS
4307 LEWIS ALTON ● 281-1428
4315 HAKI WALTER T ● 288-4400
4325 MOORE BARNEST L ● 284-3637
4326 VACANT
4403 BAKER NATHL E ● 282-6919
4408 OVERTON RUEBEN ● 284-3948
4410 RICHARDSON EDW T 281-2181
4413 DICKEL HENRY R ● 282-6308
4416 JOHNSTON THOS C
RAHKOLA ERIC W 281-9720
4423 WHITING R PRESTON ● 281-7409
4424 SCHMURR RONALD M
4426 STEELE THOS ● 281-5582

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---NE PRESCOTT INTERSECTS
4525 DENNY PAUL N ● 282-8344
4526 ALDERMAN JAMES W
4533 CRATION PHILIP ●
4535 VACANT
4536 RICHARDSON LEOLA M MRS ● 281-3050
4545 JACKSON ANNA M ● 284-6019
---NE GOING INTERSECTS
4608 VACANT
4622 LEWIS HAROLD I ● 281-3617
4625 BILLINGS ELIZ L MRS ● 287-6167
4705 FLOYD JOHN W ● 281-9330
4706 TERRY MELVIN R ● 281-8675
4717 BENJAMIN FRANK E ● 261-0910
4725 NO RETURN
4725½ VACANT
4727 VACANT
---NE WYGANT INTERSECTS
4807 HILL RUTH A MRS 287-0755
4815 WILSON EUG W ● 282-9681
4824 MARALAMPUS ESTHER MRS ● 281-6521
4829 JENKINS CLINTON M ● 284-5794
4830 O'BRIEN HENRY N ● 284-6731
4845 NO RETURN
4846 RUDARMEL JACOB ● 282-2842
4849 AVOLESI ANTHONY ● 284-5964
4855 BUCHANAN EVELYN M MRS
---NE HUMBOLDT INTERSECTS
4903 TAWNEY SUE MRS 284-0946
4904 YOUNG THOS JR 284-4910
4909 VACANT
4910 ARIAS GEO H 281-8720
4919 LINDER ANNA ● 287-3637
4933 MOLDER BESSIE K MRS ●
4936 JUSTIN CHESTER ● 288-3248
4941 CLAUSS HARRY G ● 282-4989
4949 AVENT ELEANOR MRS 284-1924
---NE ALBERTA INTERSECTS
5015 VACANT
5017 PENSON JOHN L ● 287-3983
5018 MC CLAIN WILLIE L ● 284-8084
5026 WILLIAMS EARVIN A ● 282-3651
5027 FORBES NADNI MRS ● 281-3732
5035 DUKE BENITA R MRS ● 282-1714
5036 COLEMAN LEDELL ●
5045 LAWTON ROUIE 287-4556
5048 OWENS LEVI C
5049 COHL MARGT F MRS ● 281-0631

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---NE WEBSTER INTERSECTS
---NE EMERSON INTERSECTS
5310 BUSH PATRICIA M 287-4506
5311 RUCCI GUY ● 282-3993
5314 CLOUTIER CRAIG A 282-1598
5316 VACANT
5321 AHO HUGH M ● 281-2945
5324 NO RETURN
5326 ZIEMER ROGER G 286-1079
5404 BRAZILE ROBT ● 281-1430
5405 CONNIE KAY COURT APARTMENTS 284-3405
1 WHITE NINA G 281-7942
2 MORGAN O L 288-4939
3 VACANT
4 MAGGS WM L 287-5695
5 VACANT
6 CARTER CORDELIA MRS 287-9662
7 VACANT
8 STANLEY JENNIE MRS 282-5340
9 VACANT
10 BURNS JULIA M MRS
5414 FLOOD EINAR JR
5424 FLOOD ANNA M ● 281-3265
---NE KILLINGSWORTH INTERSECTS
5524 FOX CHARLES H 282-3908
5525 JACKSON ONEILUS R ● 281-0319
---NE CHURCH INTERSECTS
5605 EICHLER HENRY ● 284-5620
5606 GERRANS ALBERT J ● 284-4393
5615 PETERSON WM J ● 282-3497
5622 BUTLER KATH E MRS ● 261-4916
5625 LANGHOLZ JANET ● 284-7286
5634 WICK ROBT J ● 281-6396
5700 GODDALE NAOMI G MRS ● 284-6995
5701 SHERMAN JOSEPH D ● 282-8207
5707 WALKER CHARLES E 284-5944
5708 VACANT
5713 SMITH LLOYD F ●
5714 NELLES MARY M ● 284-7792
5722 HARPOLE HELEN MRS
5723 OERR BERNARD G ● 288-3779
5731 HOUGH CHARLES F ● 284-3704
5734 HARRIS ELEANOR L MRS ● 287-6359
---NE JARRETT INTERSECTS
5807 ANDERSON NELS 282-1006
5809 EICHLER DELBERT 288-3646
5811 HILL WAYNE
5813 MILLER GERALD
5817 GREGERSEN GORDON S 287-7507
5819 HARE REX
5820 WARNOCK ELIZ M MRS ● 282-9559
5821 JUSTICE JERRY G 281-2677
5823 VACANT
5831 ERIKSON BARBARA 288-4351
5833 STARRETT EVONNE MRS 282-1287
5834 THOMPSON FRED D ● 288-3668
5835 HASTON GEO J 287-3470
5837 NICKELL KAREN A 288-3819
5839 SPRINGER FLORENCE MRS 281-5711
5841 REID LILLIAN R MRS 288-2141
5842 BROWN LEO ● 282-7605
5843 VACANT
5845 BROWN CYRIL J 287-4990
5853 MILLER GLENN C 284-2794
5900 TOBIN RICHD E ● 282-2933
5903 HOWARD AGNES C MRS ● 287-3168
5910 MILLS THOMAS J ● 287-5743
5918 LEMON JOSEPH F 288-1918
5919 VACANT
5930 RUBISH LUCILE MRS ●
5931 SMITH GORMAN R ● 288-4196
5946 RUFF DAVID J ●

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---NE AINSWORTH INTERSECTS
6024 ZIAR JOSEPH O ● 287-6135
6025 ROGERS EDW R ● 284-7317
6032 INGWOOD WM A ● 282-0847
6033 ROYSE OTIS J ● 282-8387
6104 LEE BEN ●
6107 VACANT
6112 WILSON ROBT M ●
6120 BRIGGS HERMAN L JR ●
6125 KOCH PETER C ● 284-6170
6130 SWAIN RAYMOND E ● 288-3147
6204 GOVAN JOE ● 281-2338
6205 PENNY JOHN ●
6216 HART IVAN L 284-3955
6217 THOMAN HERMAN ● 282-1456
6220 VACANT
6222 VACANT
6235 WATSON J RUSSELL ● 287-6651
6243 PROUD EDW F ● 288-1769
6244 ZWAHLEN JOHN S ● 282-6715
6324 LIVESAY VIRGIL W ● 287-2277
6333 WEBSTER JACK O ● 282-2852
6336 VACANT
6344 PRUITT CAROLINE MRS ● 287-2005
---NE HIGHLAND INTERSECTS
6401 SAINT VOLODIMIR'S UKRAINIAN ORTHODOX CHURCH
6404 BURRIS LLOYD A ● 287-2533
6414 SMART MINNA O MRS ● 281-4728
6431 MC DONALD EDW ● 284-7220
6436 GUY GEO V ● 284-8810
6457 COOK WILLIS ● 282-2166

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---NE PORTLAND BLVD INTERSECTS
---NE DURHAM AV INTERSECTS
---NE MADRONA INTERSECTS
7010 VACANT
7018 DEMESTER PAUL S ● 289-5222
7028 JOHNSON OSCAR
7033 PHILLIPS EDNA L MRS ● 892-7539
7114 FRICHTL WM P ● 385-1423
7115 EAVES CLAUDE L ● 285-3058
7122 NESBITT ALBERT E ● 285-1602
7127 THOMAS JOHN ● 289-6760
---NE BUFFALO INTERSECTS
7205 TRYON ARTH E ● 285-1815
7206 ORR FRANCIS F ● 285-3241
7215 JACKSON ADTE ● 285-3463
7216 DERRING CONRAD ● 285-3823
7224 ADAMS FRANCES L MRS 285-2391
7225 WINTERS NEWT JR ● 289-6486
7235 SEDILLO RUTH MRS ● 285-2463
7236 BRAME HERMAN ● 289-2567
7244 WILLIAMSON THELNA E MRS
---NE HOLLAND INTERSECTS

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10TH AV NW --FROM 1001 W BURNSIDE NORTH

10 TENTH AVENUE BUILDING
STAN'S COFFEE SHOP RESTR 227-8360
K I S N RADIO STATION 226-7191
CHRYSLER MOTORS CORP-DODGE DIVISION 226-6985
STATE ALCOHOL STUDIES & REHABILITATION SECTION 223-6243
HELSER J HENRY & CO INVESTMENT MANAGEMENT 222-1993
WASHINGTON NATIONAL INSURANCE CO 226-4329
28 BEE APPLIANCE SERVICE REPRS 222-9291
---NW COUCH INTERSECTS
100 ARMORY AUTOMOTIVE SERV BODY REPR 227-6166
109 ARMORY THE 223-8716 ROOMS
32 STATE NATL GUARD 234TH ARMY BAND 222-5924
103 USA ADVISOR GROUP 249TH ARTILLERY 223-5812
109 STATE NATL GUARD 249TH ARTILLERY GROUP (AD) 227-2700
109 STATE NATL GUARD HDQTRS 249TH ARTILLERY 222-2971
STREET CONTINUED
122 ARMORY AUTOMOTIVE SERVICE (BODY AND PAINT SHOP)
138 VACANT
---NW DAVIS INTERSECTS
205 LEVIN M CO ELEC EQUIP 222-9591
206 WALKER ELECTRIC WORKS MOTOR REPR 226-6828
213 MC GUIRE BEARING CO AUTO PARTS 226-2678
221 H G S GRINDING SERVICE AUTO MTR REBUILDING 227-7059
225 HARRY'S COFFEE SHOP RESTR 228-8058
227 JOHNSON AUTO REFINISHERS AUTO PNTRS 227-1255
229 ACME FINISHERS ELEC APPL REFINISHING 223-7807
ADVANCED APPLIANCE SERVICE CO 226-3758
230 OTIS ELEVATOR CO 227-5676
235 FARNHAM E A CO INC AUTO BODY REPR 227-1255
---NW EVERETT INTERSECTS
300 MOTOR INN RESTR 227-8145
301 SPECIALTY AUTO GLASS CO 227-1224
306 VACANT
312 OREGON BUDDHIST CHURCH
315 UNITED STATES NATIONAL BANK GARAGE AUTO PARKING 228-6111
322 VACANT
327 UNITED STATES NATIONAL BANK (PURCH DEPT) 228-6111
330 COLUMBIA AUTO WORKS UPHOL 227-4674
---NW FLANDERS INTERSECTS
404 DEHEN KNITTING CO 222-9109
416 VACANT
430 CAMPBELL WEISS REPROGRAPHICS BLUE PRINTS 222-3264
435 CUMMINGS TIRE CO INC 223-6193
---NW GLISAN INTERSECTS
509 EOFF ELECTRIC CO WHOL EQUIP 222-9411
525 EOFF ELECTRIC CO (PACKING)
---NW HOYT INTERSECTS
630 NORTHERN WHOLESALE HARDWARE (STGE)
---NW IRVING INTERSECTS
---NW JOHNSON INTERSECTS
---NW LOVEJOY INTERSECTS

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10TH AV SE --FROM 1001 E BURNSIDE SOUTH

9 ROMAINE JACK V 234-5804
10 HALLMYLER PRINTING CO LITHO 234-6675
11 COTE NORMAN G 232-2763
30 EDWARDS-KAUFFMAN CO FOOD BROKER 234-5024
---SE ANKENY INTERSECTS
115 TAYLOR MARY G MRS
135 FARRELL CHARLES J ● 232-6429
---SE SANDY BLVD INTERSECTS
---SE ASH INTERSECTS
---SE PINE INTERSECTS
---SE OAK INTERSECTS
404 SOICH NICK J ●
406 WILKINS RICHD L
410 GULBRANDSON CAROLINE M MRS
412 MC ALLISTER LORRAINE M MRS 232-8672
418 VACANT
420 NO RETURN
421 ALLEN DWIGHT COML ARTIST 232-9524
MACKENZIE THOS R STRUCTURAL ENG 232-4663
PORTLAND POSTAL EMPLOYEES CREDIT UNION CREDIT UNION 235-3128
---SE STARK INTERSECTS
523 NEGRO RICHD L 234-4724
529 HOLLAND MARY E MRS ●
533 KRIER MARGT MRS
539 HALL WAYNE P MRS 235-7454
---SE WASHINGTON INTERSECTS
614 WARREN JEANE MRS 234-8826
636 UNITED SALAD & PRODUCE CO INC PROD DLRS 232-7175
---SE ALDER INTERSECTS
715 OREGON AUTO SPRING SERVICE INC PARTS MFRS 234-9611

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---SE MORRISON INTERSECTS
800 PERFECT FIT MFG CO AUTO SEAT COVERS 234-9325
---SE BELMONT INTERSECTS
910 BOB'S QUALITY PRODUCE WHOL 236-4911
915 GOURMET FOOD PRODUCTS INC WHOL 234-6631
BAR-TUR FOOD INC (BR) WHOL GRO 234-5739
COASTAL BROKERAGE PRODUCE BROKERAGE 234-0333
921 MARKET CLUB RESTAURANT 235-9380
REAR GATTO & SONS CARD ROOM 235-9952
927 GATTO & SONS WHOL FRUIT AND PROD 235-5569
935 LEMBCKE'S WOOD SHAVINGS CO (WHSE)
940 FAZZIO CHARLES PRODUCE PRODUCE WHOL 235-1934
---SE TAYLOR INTERSECTS
1000 S J PRODUCE WHOL 236-8628
1030 KIBE MASSEY PRODUCE CO WHOL 234-2118
---SE SALMON INTERSECTS
1127 OREGON BRASS WORKS 232-7121
1138 CIRCLE A-W PRODUCTS CO INC SHT MTL 235-6656
---SE MAIN INTERSECTS
---SE MADISON INTERSECTS
1427 STURGILL INSTRUMENT CO SPEED OMTR REPR 234-2395

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---SE HAWTHORNE BLVD
---INTERSECTS
1313 MARGE'S CAFE 236-7274
REAR SPETS JAMES A ● 236-7274
1514 VACANT
1525 NATIONAL BUILDERS HARDWARE CO 232-5161
1528 DAVENPORT ELSIE M MRS 235-6214
1532 AHLQUIST W R
1534 CASWELL CECIL
1536 MACKIE FLOYD B 232-6585
REAR VACANT
1638 GODCH WM
REAR BRUNK GENE
---SE CLAY INTERSECTS
---SE MARKET INTERSECTS
1711 LANGENDORF UNITED BAKERIES INC 234-6621
---SE MILL INTERSECTS
1810 MERCHANTS RIVERVIEW DELIVERY CO 233-4741
1835 KERR FRUIT CONCENTRATES INC FRUIT CONCENTRATES 234-2252
---SE STEPHENS INTERSECTS
1906 HOWE TRANSFER & STORAGE CO 232-5148
---SE HARRISON INTERSECTS
2000 SANTER ANNA MRS ● 236-9409
2034 LAKE BONNIE 236-1209
2012 APARTMENTS
1 ALBRIGHT LESTER
2 MURRAY ENID MRS 234-1627
3 WALTON BERNICE A MRS 236-9594
4 MC GOWAN FANNY M MRS
STREET CONTINUED
2025 PRATT'S MORTUARY SERVICE 234-5660
PRATT DOUGLAS B
2026 LITTLEFIELD GARY
2034 HICKS HAROLD
2035 EMERSON MARIE C MRS

933

---SE LINCOLN INTERSECTS
2100 VICTORY PLATING WORKS INC 232-0176
2129 GRANTEN APARTMENTS THE
1 SIMPSON CLYDE G
2 LAYMAN LORA MRS 235-2626
3 KEHOE ROBT C
4 HARMSA ANNA E
5 CRISTOPHER ROBT W
6 SCHMIDT CHRIS
7 MATTSON GEO E 236-2508
8 VACANT
9 GOODWIN BERNARD 235-0973
10 HUNT H A
11 DELGADO ANDY
12 FISHER P F
STREET CONTINUED
---SE GRANT INTERSECTS
2205 HOUSE OF PRAYER
2217 VACANT
2225 OIEL FRED C 236-6732
2231 PITTMAN LEROY ● 238-4034
---SE SHERMAN INTERSECTS
2304 DAWSON EMMA J MRS 236-0078
2313 WOLFF MARTHA MRS ● 232-0335
2318 CHRIS' POULTRY FARMS EGGS WHOL 236-5768

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1305 VACANT
1307 JACKSON CLYDE A ● 232-3390
1308 HAL'S TAVERN 238-9308
1315 VACANT
1317 VACANT
1321 SONERA MARIA
1322 WILLIAMS B IRVIN ●
1323 ZENGER JOHN ● 232-1713
1327 EDBERG DAVID
NOLAN ELIZ A MRS 235-1186
1326 PRESTO CLEANERS 235-9010
1335 SCHULZ AMY N MRS ● 232-4716
1336 HI'S LAUNDROMAT 238-9775
1339 SCHULZ AMY BEAUTY SHOP
232-4716
---SE 14TH AV INTERSECTS
1400 HI-TIMES ENTERPRISES INC
235-9825
HI-TIMES TAVERN 235-9825
1401 KIENOW'S FOOD STORES (BR)
234-6545
1416 E & S BARBER SHOP
---SE 15TH AV INTERSECTS
1502 ROSE CITY OYSTER CO INC WHOL
236-8778
1505 MORRISON COURT APARTMENTS
236-7950
WEISEN GERALD 234-8742
1507 APARTMENTS
1 DAUGHERTY ALTA F 232-8484
2 DAVIS ESTELLE L
3 THOMPSON EMMA
4 VACANT
1511A JULIAR MABEL
1511B VACANT
1511C EDWARDS MABEL J
1511 DOLSON H E
1513A STODDART D W
1513B DIAZ EDW
1513C CARPER CHARLES D
1513 CARLIN C V
1517A BASHAW RAYMOND
1517B CHRISTENSEN DONALD S
1517C PANGBORN RICHD
1519A WARDEN DAVID L
1519B VACANT
1519C VACANT
1519D WIXON WANDA
1523 AMERICAN LOCKSMITH SERVICE
236-1212
1525 GENERAL THREADED PRODUCTS CO
WHOL SCREWS AND BOLTS
234-5248
1533 MITCHELL H E CO LOCKSMITH
SUP WHOL 236-9444
1534 LEE ROSE M ●
1537 MORRIS SCALE CO 232-5339

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---SE 16TH AV INTERSECTS
1610 APARTMENTS
1 NEVALD DOROTHY E
2 VACANT
3 VACANT
4 MOLESKEY JOE
5 VACANT
6 ELLIS ALBERT
1618 VACANT
1625 AIRES DOROTHY MRS
PAGE BEATRICE MRS
1630 VACANT
1635 MICHAELS DARRELL M
1636 DAVIS FLOIE R MRS ● 236-0396
---SE 17TH AV INTERSECTS
1705 APARTMENTS
1 BALOGH JOSEPH ● 236-7603
2 VALENCOURT CARRIE 234-3212
3 EDWARDS JUANITA MRS
235-3368
4 VACANT
5 HEINTZ BESSIE 232-3762
1725 APARTMENTS
2 ROBBIN MADELYN MRS 236-4052
3 TETTER IVA
4 KREUGAR GERTRUDE 232-2386
5 ROGER JUNE E
6 VACANT
7A VACANT
7B VACANT
1733 MAIWALD PRINTING CO 236-4759
1735 APARTMENTS
1 PHINISEY JANE MRS
2 WHITMORE KENNETH E
3 COUTURE ORIE F 235-3750
4 WRIGHT FANNIE H MRS
232-1091
---SE 18TH AV INTERSECTS
1802 JENKINS BERTHA D MRS ●
232-9388
BALDORF ROBT O
1807 LILLY EGLAH A MRS 235-6756
1808 HELMER CARL G 234-4122
1811 PODEWIK RONALD D
1812 VOLK IDA M MRS
1814 CLESSLER WM C ● 234-6023
1815 SMITH MARIE E MRS 235-1313
1816 KAISER KATY
1817 VACANT
1818 WARD FLAVEL A ● 236-0729
1822 FLYNN LOUIS E ● 235-0640
1823 TENNYSON DAVID H 234-3779
1825 APARTMENTS
1 STANLEY NORMA M MRS
2 HENRY LILLIE L MRS 232-8619
3 VACANT
4 BILLIES EVA L MRS 236-9387
1828 BROWNING JUNE R MRS 235-8066
1835 VACANT
1836 FOGARTY PATK F 234-1481
BROWN WAYNE
---SE 19TH AV INTERSECTS
1902 VACANT
1905 LONE HOLLY MANOR APTS
235-7807
1 ELLEFSON INGVALD W ●
235-7807
2 BOLING HAROLD A
3 CAROL MANLEY
4 MANN GERALD A
5 SNYDER PAUL R
6 JOHNSON HORACE
7 OWENS MARK H
8 BELLAMY ROBT
9 RILEY SIDNEY
10 MATTICE JACK
11 NAGEL ALEX
1910 VACANT
1912 LONDIN WM R
1914 MC COLLUM ELLEN D MRS
1917 MACLEOD MYRTLE D 235-3422
1918 VACANT
1919 SPART SHEILA A
1921 LAVERDURE DONA MRS
1922 WEST CLIFF
1924 BISHOP GAYNELL I MRS
232-1359
LYONS WALTER
PETERSON HELEN MRS
1925 ROSE CITY SOUND CO PUB
ADDRESS EQUIP 236-4876
1926 FLOWER MIGNONETTE
WEST ARTH
1928 APARTMENTS
1 VACANT
2 MC NEFF ANN A
3 WALLACE ERNEST A G
4 LEE CHARLES
1931 WESTERVELT,CLINTON A ANTIQUE
DLR 232-0444
1934 VACANT
1935 VACANT
1936 APARTMENTS
1 BERRY JAMES J
4 LUCAS RONALD
5 GURNSEY LILLIAN
6 BELL ROBT J
7 HOLMES ELVIA B 232-6687
8 DUNSWORTH NAOMI MRS
1937 VACANT
1939 LITTLE BITS MARKET GRO
235-9018
KING FRED G
1940 PICADILLY INN TAVERN
235-9128
---SE 20TH AV INTERSECTS
2046 PETERSON JOHN R ● 236-4426
2052 NO RETURN
HANSON O R 232-3435
2104 GUTFLEISCH GUY J
HENDERSON HILDAGARDE
234-2452
---SE 21ST AV INTERSECTS
2115 COUNTY LONE FIR CEMETERY
232-0842
COUNTY RD DEPT 227-8441
---SE 22D AV INTERSECTS
2216 NO RETURN
2230 FREEDOM CENTER, PATRIOTIC ORG
234-8493
OREGON CHRISTIAN SCHOOLS INC
234-8493
REAR HUSS WALTER L

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---SE 23D AV INTERSECTS
2306 CUMMINGS-WARD OIL CO INC
FUEL 234-7571
2334 DURST RICHD J ● 234-1074
2402 CUDA THOS W ● 232-5961
2430 HANEY ED 232-6025
2432 KUTTER HENRY F 235-5055
---SE 25TH AV INTERSECTS
2518 NO RETURN
2526 NEW BRUNSWICK APTS
1 NIXON ANNE MRS
2 WILDT CALVERT T
3 NEWMAN DNA
4 ELDREDGE EMILIE 235-5874
2536 APARTMENTS
1 BROWN ETHEL MRS ● 234-8000
2 BURRILL SANDRA
3 SHAFFER JANICE MRS
4 VACANT
STREET CONTINUED
---SE 26TH AV INTERSECTS
2613 JOHNSON ROBT A 235-0064
2615 MORTENSEN COLIN M 234-2843
2623 CRUMP EVELYN M MRS 234-5990
2625 WILLIAMS GORDON
2626 KNUDSON GLEN B REAL EST ●
234-2579
2631 WALTON DOROTHY N 232-3434
2635 KUMLER OVID C ● 235-7958
---SE 27TH AV INTERSECTS
2725 CARLSON GILBERT ● 235-3578
2735 SCHILT ANDREW 234-4002
---SE 28TH AV INTERSECTS
2921 TURNER GRANT
2924 MC MANAMA CLIFFORD R
234-8873
2926 HAIDER MAVIS V 232-4524
2927 LINDSEY EILEEN
2934 AMARILLA APTS
1 BURKHART LILLIE J MRS
232-0795
2 MENCH AMANDA L MRS 234-3486
3 BECKLEY MARIAN 236-9017
4 MC CLARIN EMMA MRS
5 MORENO LOIS
6 FREDRICKSON DENNIS R
7 THOMPSON BETTY 232-7700
8 JOHNSON ELLA M MRS 234-3720
STREET CONTINUED

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---SE 30TH AV INTERSECTS
3005 LU MANOR APARTMENTS
1 WICK HENRY
2 STANLEY ALINE C MRS
238-1304
3 KOLETSON DOROTHY MRS
235-7898
4 BUSHMAN LEILA MRS 235-6408
5 MORDEN MARGT MRS
6 SAMPLE LARRY
7 CREGG IRENE S MRS 234-3646
8 YOUNG EVERETT R ● 238-5666
STREET CONTINUED
3016 WYATT RICHD E
3018 JOHNSON FREDK H 234-8360
3024 DORAN MARIE A MRS ● 236-3524
3030 WEIGEL JACOB ● 232-6286
3036 DAVIS L L 234-3571
3042 GODMAN ALICE S MRS ●
3049 BROWN PAUL W ● 235-6231
3054 SPEAR WM P 236-8160
3101 UNDER CONSTN
3103 UNDER CONSTN
3104 BROOKS MAE
3105 UNDER CONSTN
3107 UNDER CONSTN
3109 UNDER CONSTN
3112 KENNEDY HOMER J ● 232-0771
3113 UNDER CONSTN
3117 UNDER CONSTN
3119 UNDER CONSTN
3121 HILL FRED B ● 235-6743
3125 PEARSON ERNEST H ● 235-7721
3128 WEBSTER CHERRY C MRS ●
232-0368
3129 GERATHS NORMAN 235-6826
3131 RICE SALLY
3133 VACANT
---SE 32D AV INTERSECTS
3205 THOMPSON ETHEL W MRS ●
236-2221
3212 APARTMENTS
1 ROISUM HENRIETTA MRS
2 HAMILTON JAMES H
3 NILLES LEILA
4 WOMACK JOHN
5 SIGLER MARY
6 HAUGE MARGT L 235-5022
7 THOMASON DENNIS R
8 KERNS THOS D 232-7965
9 MC CAMPBELL WM 234-9492
10 PARKER LAWRENCE B 234-6712
3217 WAYLAND RICHD T ●
3223 ANDERSON LAWRENCE ● 234-8898
3224 VACANT
3229 HOFFHINES HAROLD W ●
234-2966
3230 FARNSWORTH LLOYD
LYONS LEO
MINOR WM
3234 CARDENAS FAUSTO C 232-0082
3237 VACANT
3244 BERK FRED A 234-9491
---SE 33D AV INTERSECTS
3342 CARNATION CO DAIRIES
232-2131
---SE 34TH AV INTERSECTS
3421 SHAVER EONA A MRS ● 232-8747
3422 LLANEZA EDDY 232-7541
3428 HUCKINS ANNA R MRS
3429 SMITH ELSIE M ● 232-8794
3435 HERRIN DEWEY
3434 VACANT
3436 SEAQUIST ALBERT L ● 232-8431
3442 DAVY CONWELL L ● 234-7575
3449 LAFE TILLIE A MRS ● 232-8825

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---SE 35TH AV INTERSECTS
3505 APARTMENTS
1 SALMENSON IDA MRS 234-1148
2 JWICK DAVID
3 OVERTON THELMA 238-3749
4 GREEN G
5 KING FRED E
6 HOUSE A F
7 MARSHALL AMANDA MRS
8 MILLER META
9 INMAN GRACE MRS
10 VACANT
3519 NEUBARTH OSWALD H ● 235-3940
3525 SEARS ORVAL E ● 235-7782
3526 CREVIER NELLIE I MRS ●
236-5129
3534 POLLARD KENNETH L
3535 CHANGSUT FRANCISCO 235-5215
3540 MAPLE A MARIE ● 232-2541
3543 DE MEMR BRENT H 234-2194
3546 BISBEE CLARA MRS ●
3550 NO RETURN
3551 BOHONGLOW MYKOLA ● 236-2755
3558 KENT VIOLET MRS
3559 GORECKI EGON ● 232-7659
3604 ASHWOOD MILDRED E MRS ●
235-4036
3607 JACKSON LELAND E ● 232-2803
3612 NORMAN ANNA MRS ● 236-4751
3617 ROUSE ALLEN R ● 236-4873
3621 KENNEDY WINIFRED J MRS ●
232-7902
3622 VACANT
3626 BOGGS PAUL C 235-4094
3635 CARTER ALVIN L ● 232-8730
3636 DISHMAN EDW H ● 235-3412
3641 HERMANSON JOHN L ● 238-4920
3642 WALLACE CHARLES R ● 232-1473
3647 CARMER LEONARD L ● 232-9458
3653 VAN BEEK ROBT ● 232-7250
3656 KARRAS WM X ● 236-1713
3703 EUBANKS BONNIE M
3704 CHASE ALVA C ● 236-9843
3705 HART WM A 235-7343
3717 JACKSON BRENT H ● 235-2879
3718 OPPERUD LAWRENCE P 232-5820
3721 LANPHERE HUBERT N ● 232-6869
3726 RITCHEY LEE E ● 235-2808
3734 NO RETURN
3735 SCOURTIS DONNAJEAN MRS
3741 DEAL LESTER L ● 232-9542
3742 BOYD DORIS M MRS ● 235-2490
3746 GREEN MYRTLE S MRS ●
235-3887
3747 SEILER LEONARD C ● 232-1906
3755 NEAL FRANK A ● 235-6397
3760 ADAMS WILBUR A ● 236-9073
3801 CARUSO MANOR APARTMENTS
232-8057
1 MORRISON ROBT A 234-6372
2 HAWKINS R W 232-7782
3 BUTKUS DORCAS L MRS
4 CARRINGTON GEO F 232-5662
5 LOVE GARNET 234-1002
6 PAXTON IRIS K 238-4415
7 PERLAS FLORENCE G 232-0906
8 EPLING GOLAN M ● 232-6057
9 TELFORD MYRA L MRS 235-2811
10 VACANT
11 TENNEY H D MRS 234-5926
12 SWANSON EDGAR H 234-8767
STREET CONTINUED
3818 KEITH FRANCES E ● 236-1662
3826 KARNES FRANK H ● 232-8278
3833 NASH DANL H ● 232-6908
3834 GEDDES LAURETTA I 232-0247
3842 JOHNSON STEVEN E ● 232-4034
3845 DAVIS BILL M
3851 SHUEY FLORENCE D MRS ●
235-0437
3854 STRANGE GEO T ● 236-0915
3859 HANDBERRY MYRTLE M MRS ●
234-2660

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---SE 39TH AV INTERSECTS
---SE 41ST AV INTERSECTS
4109 APARTMENTS
1 BRANNER JOHN K 236-9801
2 BROWN OWEN
3 PIERSON WM
4 MC COY ELEANOR B 232-8085
4110 APARTMENTS
1 DE ARNOND HELEN 235-5783
2 ALLEN PEGGY
3 ROUBINEK MALINDA M
4 SMITH JAMES E 236-7215
4115 APARTMENTS
1 BERGLUND ROBT L ●
2 OLSEN DAVID
3 PORTS LEONA P MRS 236-8616
4 SCHULTZ EDNA
4119 APARTMENTS
1 ROBBINS WM
2 ENGLEFRIED CELIA MRS
236-3780
3 NIBLEY JAMES O 232-6276
4 KOSTER HAROLD B 234-4888
4120 APARTMENTS
1 WOOD WM R 236-9676
2 VANA MARY MRS 232-6909
3 WOOD DORA MRS 236-9676
4 HAGEMAN CHARLES D 236-3470
STREET CONTINUED
4204 STAPLETON LOREN C ● 235-0479
4205 BYRNE EDWIN E ● 235-6013
4209 BYRNE ELMER M ● 235-7712
4213 BYRNE JOHN M ● 236-0572
4220 AHRENDT ALVIN F ● 235-3098
4225 ANDERSON DONALD W ● 234-3732
4232 CANNARD RAY J 236-6076
4233 WILLSON HAZEL A ●
4241 KENNEDY PAULINE M MRS
4242 FURMAN RAYMOND F ● 232-0756
4251 TRAVIS ROBT E

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4025 COFFEE MILDRED M MRS ●
4026 VACANT
4035 LAMPERT MARGE A ●
4036 SMITH ISABELLA MRS ● 282-9472
4046 WASH EINIE MRS 292-6334
4047 BAND WILLY
4055 TAGE PEGGY L MRS ● 282-1528
4056 LEWIS ELMER ● 287-7870
4064 POLK VERNON ● 282-1618
4067 MEISNER CARL ● 287-0039
4072 NORRIS BENNIE L ● 284-4436
4077 TRAFF S P 282-5194
---NE MASON INTERSECTS
4105 RYAN DANL J ● 287-8246
4115 HICKERSON ALPHONSE A ● 282-8236
4127 SEEDER CHRISTINE 288-1975
WAKEFIELD PHYLLIS MRS
4134 BETICH LUCY MRS ● 281-2631
4137 BARDIN LEE F ● 288-2137
4205 NELSON EVELYN MRS ● 281-0747
4215 BRUNDAGE SAML 284-5627
4231 ADELANDT JOHN ● 287-0684
---NE SKIDMORE INTERSECTS
4315 OLLERMANN HAZEL A MRS ● 287-0435
4316 THOMPSON FREDK
4324 HALL HOWARD 287-1898
4325 STENNETT KENNTH L 287-0369
4407 TUOR HARRY L 281-6885
4416 CREWS SADIE B MRS ● 282-3090

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---NE PRESCOTT INTERSECTS
4525 VACANT
4525 HALL JIMMIE O ● 282-3322
4534 SCHEIDEMAN DAN GARBAGE COLLR ● 281-4096
4537 HERMAN MILDA MRS ● 287-7517
---NE GOING INTERSECTS
4618 THOMSON WM H ● 282-8075
4705 RHONE THEO R ●
4706 PETTIT FLORENCE E MRS ●
4714 PIAZZA PHIL M ● 284-3933
4715 ROBERTSON OSBORN ● 284-4790
4724 OLIVER J C ● 287-9051
4725 STEPHENS EADIE L MRS 284-5396
---NE WYGANT INTERSECTS
4808 SWANBERG ROBT E ● 281-5918
4814 VACANT
4815 NELSON HALLIE W MRS ● 281-2866
4822 CRAWFORD ARTH T ● 281-2976
4823 KELLER HENRY ● 282-5870
4833 SMITH JOHN W ●
4842 CALICOTT JEFF ● 288-2079
4845 BIGLEY MYRTLE W MRS ● 284-6831
4848 VACANT
4857 MC NEILL GERNARD E ● 282-1163
---NE HUMBOLDT INTERSECTS
4905 WILSON JOHN JR ● 288-4910
4911 KELLEY WILFRED ● 284-2521
4912 WEGNER LOUIS H ● 281-5694
4919 SMITH JOHNNIE ● 281-3374
4920 PUGH WORTH P ● 282-8838
4927 NELSON RICHD H JR ● 282-0420
4928 WILLMAN RUSSELL ● 284-1814
4935 RITTER EDITH R MRS ● 281-0292
---NE ALBERTA INTERSECTS
5015 LINE BENNY D ● 282-6881
5016 VACANT
5028 RILEY NEAL J ● 288-3963
5034 BARON CHRISTIAN ● 281-3718
5035 JONES DAVID ● 284-5467
5041 DE PEEL ROBT K ● 287-5182
5044 CLARK WM G ● 282-8180
5048 PIERCE ARTH ●
---NE WEBSTER INTERSECTS
5109 VACANT 284-6637
5121 ELLEFSON PETER ● 282-9615
5129 FREDERICKSON PHILLIS M MRS ●

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---NE SUMNER INTERSECTS
---NE EMERSON INTERSECTS
5304 HOWARD JOSEPH
5305 WILBURN MARGT L MRS 284-7697
5310 NO RETURN
5311 HOLMES CLINTON
5321 WASHINGTON DUANE CAR PLSHR 284-3464
5322 BLAKER ALBERT W ●
5403 ERDNER HERBERT C ● 287-7296
5404 CAULEY LEO G ● 287-1756
5416 STANKOVICH GEO ● 287-7605
5424 SMITH LAURA E MRS ● 287-5829
---NE KILLINGSWORTH INTERSECTS
5504 WALTER RALPH L ●
5514 THOMPSON ZELMA L MRS ● 287-0394
5515 KRAMER MANUEL J ● 288-3315
5516 JONES CLAUDE I 282-6602
5525 CRUSE EVELYN MRS ● 287-1736
5526 DUPREE HALLIE L MRS ● 282-1957
---NE CHURCH INTERSECTS
5604 BREWSTER FRANCIS L ● 281-4928
5605 HUGHES ESTHER I MRS ● 281-3101
5614 VACANT
5615 JOHNSON SHIRLEY MRS 287-7614
5617 OUELLETTE J ROBT 281-2091
5623 ALSIP AARON H ● 288-1690
5624 YOUNG JAMES H ● 284-7122
5634 DIRKS PETER P ● 288-3683
5635 SILVA SYBIL V MRS ● 282-5019
5704 BOOZER JAMES C ● 281-0310
5705 MC SPERITT RAY M ● 282-9458
5712 VACANT
5724 WOELL LOUIS A ● 287-5719
5727 SABIN EARL L ● 281-6778
5732 WHITE CAROLINE M MRS ● 287-2090
5735 BRYANT ALBERT M ● 287-5128
---NE JARRETT INTERSECTS
5804 SZANTO LASZLO ● 287-7631
5805 HARRIS BOBBY ● 287-9863
5814 ERICKSON INGA L MRS ● 284-8501
5815 METZENBERG ERNEST W ● 284-7661
5824 WALKER LANGSTON ● 287-1081
5825 PETROFF MIKE M ● 288-3272
5835 PETTERSON LYDIA MRS ● 287-9126
5840 WADSWORTH KENNETH M 281-8122
5845 EAST ERNEST H ● 282-8471
5846 BUTLER DONALD A 282-5971
5852 PETERSON GARY K ● 281-6797
5901 SORBER MARY R MRS ● 287-0257
5910 VACANT
5913 COLE IVAN W ● 287-7248
5919 BORST DAVID E ●
5922 READ MAURICE A ● 287-8362
5924 CHRISTENSEN GEORGIA MRS ● 287-0728
5932 WICKLER EVADNA C MRS ● 287-7181
5933 VACANT
5948 WILLIAMS GEO P ● 284-6900

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---NE AINSWORTH INTERSECTS
6023 WRIGHT VIRGIL D 284-7330
6026 SCHNEIDER PHILLIP 284-7595
6035 SMITH JOHN V ● 281-7538
6036 DODNEY ROBT G ● 284-8484
6106 CHOY WING M ● 284-8038
6107 GIEBLEHOUSE MARTHA MRS ● 284-8216
6112 GEBHARDT THOS E
6113 ALLPHIN OSTA W MRS ● 282-3813
6124 RISSICK KATH MRS ● 287-5580
6125 SUTTON STANFORD R 282-2089
6135 JONES OWEN R ● 288-3154
6204 ROBINSON LESTER ● 282-3633
6205 WOLF DOROTHY S MRS ● 288-4208
6215 BAKER LILA L MRS ● 282-9135
6216 KERSHAW ELSIE MRS ● 282-8372
6225 SMITH ETHEL MRS ●
6226 BURTON ROBT M ● 282-0256
6235 BERTRUCHI GEO L ● 288-1977
6243 GEORGESON EVANGELINE G MRS ● 284-0027
6244 ARCHAMBEAU MABLE E MRS ● 281-6606
---NE HOLMAN INTERSECTS
6305 WEBSTER ROBT L ● 281-8586
6310 HALL WAYNE L 284-8366
6322 VACANT
6323 MALONEY JAMES W ● 282-2905
6337 SMITH EDA S MRS ● 287-0096
6347 BAKER VERNON J ●
6419 COTTRELL CHARLES L 284-0035
---NE DURHAM INTERSECTS

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---NE ONEONTA INTERSECTS
7011 BROWN MEL 289-2829
7021 HINCKLEY HARRY B ● 285-3413
7029 HILL STANLEY R
7037 SMITH PEARL L ● 289-0512
7045 BAKER C H
7103 GRANDBERRY ELIERY R 289-9986
7107 VACANT
7121 EMMIFIELD LAURA L MRS
---NE BUFFALO INTERSECTS
7200 WOODLAWN SCHOOL 289-8830
7205 SCHAEFER RUDOLF ● 289-1971
7215 WILBORN HOS JR 285-9030
7225 LESTER ALBERT G 289-8043
7235 PERRY WILSON JR ● 289-6460
7253 VACANT
---NE HOLLAND INTERSECTS
7305 SCRUGGS ALPHONSO ●
7311 VACANT
7329 WELDON ARTH J ● 289-8179
---NE STAFFORD INTERSECTS
---NE LOMBARD INTERSECTS
7500 BUICK MOTOR DIVISION (WHSE)
---NE RUSSET INTERSECTS
7606 VACANT
7624 VACANT
---NE BALDWIN INTERSECTS
7642 KINOSHITA JOSEPH M ● 285-2336
---NE COLUMBIA BLVD INTERSECTS

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11TH AV NW -FROM 1101 W BURNSIDE NORTH

24 WENTWORTH & IRWIN INC (STGE)
---NW COUCH INTERSECTS
---NW DAVIS INTERSECTS
---NW EVERETT INTERSECTS
308 WESTERN SEAT COVER CO 222-9171
315 B & Z AUTOMOTIVE SERVICE REPRS 227-7474
317 HEITKEMPER E B TOWING & STORAGE 227-0936
334 ALASKA SLEEPING BAG CO MFRS 226-1624
---NW FLANDERS INTERSECTS
403 AMERICAN-PACIFIC CORP MARINE SUP 226-4853
415 PACIFIC WAREHOUSE CO STORAGE 228-8581
418 PACIFIC TRAILWAYS GARAGE 223-7646
---NW GLISAN INTERSECTS
530 WESTERN FIRE EQUIPMENT CO (BR) FIRE EXTINGUISHER 226-4774
535 BROWER CO THE ACOUSTICAL CONTRS 228-7401
537 SPEEDOMETER SERVICE & INSTRUMENT CO AUTO REPRS 227-5567
---NW HOYT INTERSECTS
---NW JOHNSON INTERSECTS
710 INTERNATIONAL FORWARDING CO FRT FORWARDING 227-5571

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11TH AV SE -FROM 1101 E BURNSIDE SOUTH

15 HOUSE OF LLOYD PRNTR 236-3648
17 MADEMOISELLE VOGUE INC WOMEN'S CLO MFRS 232-9195
21 GRAND ELECTRIC INC CONTRS 234-9329
55 CUSTOM AUTO UPHOLSTERY 236-8803
---SE ANKENY INTERSECTS
---SE SANDY BLVD INTERSECTS
106 WOOLACH BROS TIRE DLRS 234-5595
124 NORTHWEST GROCER CO (WHSE) WHOL 232-7157
125 VACANT
---SE ASH INTERSECTS
208 CLAGHORN JOHN E ● 234-0491
212 RADKE EDNA C
216 JONES HAZEL M MRS ● 235-7536
---SE PINE INTERSECTS
305 TANORY ABR A ● 238-7277
330 SAINT FRANCIS OF ASSISI RECTORY
MALONEY FRANCIS J REV 232-5880
335 VACANT
---SE OAK INTERCECTS
417 DESSER TIRE & RUBBER CO 234-9958
425 MC FADDIN LUTTON & JOHANSEN ACCTS 234-0387
---SE STARK INTERSECTS
514 VAN DUSEN WILFRED L
523 THIELAN JUDY MRS 232-6413
524 NO RETURN
---SE WASHINGTON INTERSECTS
602 PETERSON BODY SERVICE TRUCK BODY REPAIRS 235-4305
603 BANE LOIS M MRS 236-3764
622 RIEDY ROBT V
630 GREENWALD LOUIS F ● 232-1374
634 NYMAS FLORENCE E MRS ● 235-7789
---SE ALDER INTERSECTS
711 MELCLIFFE COURT APARTMENTS 235-5777
FORTE MAX P 234-9177
A TYLER DON R 236-0405
B HANNA PEARL N MRS 234-1430
C FOSTER WALTER
D HOWARD WM 235-7714
1 LANDFAIR CLARA MRS 234-7064
2 ELSNER ALBERT
3 WRIDE DOROTHY W MRS 234-6198
5 JOHNSON CHARLOTTE MRS 232-3686
7 BEILENBERG PATRICIA 234-4521
21 MOEN ANDREW
22 LE CLAIRE CHARLOTTE MRS 235-1377
23 POSTLE MATTIE M MRS 236-7353
24 RAY PEARL MRS 232-6897
25 HALL LUCILE MRS
26 ROAREK EMMA
27 BELL FRANK R 236-2917
31 MICHE PHYLLIS P 236-2297
32 KAY JESSIE
33 MARTIN NELLIE B MRS 234-7814
34 SAMBERG HOWARD F
35 WEGENBERG MARTHA 235-8234
36 KELLER MARY MRS
37 DUGGAN ELLA MRS 236-0315
41 ANDERSON THEO
42 OLSEN HAZEL
43 FREDERICK MARY A MRS 235-7109
44 GENSHEIMER ELSA 235-0921
45 BRISTOW BESSIE MRS MRS
46 SIMS WALTER
47 MC KELLER KATHLEEN MRS 234-3106
101 WARDROP LUCY A MRS 236-3986
102 WALKER JEAN MRS 236-5575
103 WHITEHEAD GEO A
104 BEEDE JOHN F 232-3779
105 FARRIER JAMES
106 BJORN ERIC
201 EMERY JOHN J 234-1557
202 FINGER NORMAN
203 BREWER ELIZ MRS 232-4694
204 HENDRICKSON ETHEL A 238-3498
205 O'DONNELL LAURA MRS 234-4648
206 MC CARL FRED S 235-2302
301 BROWNELL ARTH 236-2745
302 ROBINSON INEZ MRS 236-7909
303 NO RETURN
304 BRISTOW PHILLIP G 236-7219
305 NEMETZ EUG A
306 DICKSON HAZEL B MRS 234-3868
401 VACANT
402 HARVEY FERN O MRS 235-3246
403 VON MOENE MINNIE MRS 236-1208
404 HAMMER EDW
405 EVANS L O 236-0291
406 DICKSON LULU J 236-9803
STREET CONTINUED
728 DICKENSHEETS & POTTER FOODBROKERS 234-6467
730 COLUMBIA EXPORTERS INC 234-6363

232

---SE MORRISON INTERSECTS
819 COUNTY GARAGE 227-8411
---SE BELMONT INTERSECTS
981 GARDENERS & RANCHERS ASSN M & R PRODUCE INC 234-6507
1010 RODGERS CO WHOL VARIETY 233-4638
1020 OREGON ROOFER'S SUPPLIES INC WHOL DISTR 234-0526
---SE TAYLOR INTERSECTS
---SE SALMON INTERSECTS
---SE MAIN INTERSECTS
---SE MADISON INTERSECTS
1430 MEYER FRED INC (CANDY KITCHEN) MFRS 235-8644

240

---SE HAWTHORNE BLVD
---INTERSECTS
1520 JACKSON AGENCY THE ADV 235-1285
1536 DELANO PHOTOGRAPHICS COML PHOTOGS 236-2139
WESTERN MAPPING CO 236-2139
---SE CLAY INTERSECTS
1601 POWER BRAKE EQUIPMENT (ANNEX) 234-0686
1604 KNEECE ERNESTINE V 232-0584
1611 VICTOR COMPTOMER CO ADDING MACHS 234-4307
1612 HING LEAH ● 232-1917
1616 LANG LILLIAN ● 232-1917
1623 VACANT
1632 POWER-BRAKE EQUIPMENT CO (PLANT) 234-5213
1635 VACANT
---SE MARKET INTERSECTS
1700 ENCORE INC DENTAL SUP WHOL 232-6188
POWER BRAKE EQUIPMENT CO MFRS 234-5213
1727 STARDRILL CO WELL SUPS 236-2157
1731 UNDERWRITERS SALVAGE CO OF NEW YORK 236-2173
1735 KERZEL AUG ●
---SE MILL INTERSECTS
1800 LEYSON JOE E ● 232-5769
1811 SCHETKY EQUIPMENT CORP (STGE YARD) 232-4
1812 MATTHIES BRUNO 236-0569
1816 IRMLER LENORE E MRS 236-0448
1820 APARTMENTS
1 VACANT

ICOA LIFE INSURANCE CO.
MILLER and PERLMAN, Area Managers
5306 IRVING NE, PORTLAND
PHONE 288-6527

TP	Adjoining	Source
-	✓	R.L.Polk Co.

SE 12TH AVE 1965

12TH AV NW--CONTD
---NW OVERTON INTERSECTS
1301 TRANSCO NORTH WEST CORP POWER TRANSMISSION EQUIP 226-3861
1331 WILHELM RUDIE WAREHOUSE CO INC (WHSE)
1333 VACANT
---NW PETTY GROVE INTERSECTS

180
12TH AV SE -FROM 1201 E BURNSIDE NORTH

---SE ANKENY INTERSECTS
101 FOOTE JENNIE R MRS ● 236-6709
113 PEKKALA ERNEST W
114 VACANT
121 SHANNON S J 234-5652
128 BOARD THOS F 236-0088
CARPENTER OSYTHA E 234-2939
JENSEN WAYNE V REV 235-1625
134 KOONTZ GEO N ● 232-5818
135 EDWARDS MARCUS D ● 232-7627
PETERS HELEN
---SE ASH INTERSECTS
201 GOTTSACKER GROCERY 235-9205
211 VACANT
PETTY CHARLES
SMITH CARL E
213 DURANT IMPROVEMENT CO ROOFING CONTRS 234-2723
MC FADYEN & CO WEATHERSTRIP MFRS 236-6054
231 CHEVRON CHEMICAL CO (ORTHO DIV) FERTILIZER 235-8621
234 R C I NORTHWEST VULCANIZING EQUIP 232-7124
R C I NORTHWEST INDUSTRIAL SUPS 232-7124
---SE PINE INTERSECTS
303 SAINT FRANCIS OF ASSISI CATHOLIC CHURCH
310 NALLEY'S INC FOOD PRODUCTS 234-9609
---SE OAK INTERSECTS
400 COLE GRACE MRS ●
410 APARTMENTS
1 BRIER CARL
2 VACANT
3 VACANT
4 JOYCE WM P
416 VACANT
418 FORD LAWSON H
436 SECURITY SIGNS INC MFG & INSTALLERS 232-4172
---SE STARK INTERSECTS
503 TODD APARTMENTS
A SHAUNGBERG EDNA
1 SCHELM EDNA A
2 MC ALLISTER ELOISE MRS 234-3428
3 JOHNSON MYRTLE E MRS 232-1640
4 STEWART WALT 235-3385
5 CLEVELAND AGNES MRS
7 RUSSELL DOROTHY M MRS 235-6883
8 LASALA MIQUEL M
9 ALDRIDGE LEE
10 WILSOT MARLEY S
11 WEBER DOROTHY A
12 HALIHIG WM
14 HOLLINGSWORTH ROY
5 KIRKPATRICK BERNICE MRS 235-8017
16 MAXWELL WM 232-5352
535 STATE DEPT SERVS FOR THE BLIND 234-6441
---SE WASHINGTON INTERSECTS
603 STOPPELCAMP MARGT A ● 236-8253
617 OLIVARES PHILIPE
623 COLLINS LEWIS H ● 232-3719
635 MORRIS CLYDE M
637 HAMLIN ORVILLE C ● 232-3693
---SE ALDER INTERSECTS
704 STUART MARY APARTMENTS 236-3758
BSMT PRICE RICHD M
1 VACANT
2 OLIVER LARRY H
3 KREGER MARJORIE 234-3527
4 VACANT
STREET CONTINUED
707 O'NEIL EVA G MRS ● 232-2640
720 JACQUES LENORE L MRS ● 236-3758

232
---SE MORRISON INTERSECTS
---SE BELMONT INTERSECTS
909 GENERAL TIRE SERVICE 234-7543
914 MC ELHENNY CECILE C MRS 232-4332
924 LANE WALTER
932 VACANT
---SE YAMHILL INTERSECTS
1000 BROWN J E CO PNTRS 235-6104
1007 CANDELIER SHOP THE ANTIQUES 232-6654
THOMPSON VIRGINIA A ●
1015 ROTHELL JACK ● 232-3407
1016 JORGENSEN PETER M ● 232-9903
1024 APARTMENTS
1 SCHULZ ANGIE F
2 ROE LEONARD D
3 BELLANGER MARY L MRS
4 NAIDA LOLA MRS
STREET CONTINUED
1025 APARTMENTS
1 BAILEY GEO B
2 HUNT BETTY MRS
3 MC CACHRAN DAVID
4 HUNT HAROLD
5 AGNER JAMES
6 JENSEN JAKE
1028 C & D GROCERY 235-3520
HOYEZ CATH MRS 232-4963
1032 PERKINS CLYDE C 236-1245
1035 MISSION ROSE APARTMENTS
1 MAYHEW K
2 OYEN TRYGVE
3 SCHMIEDECKE CARL
4 POLIER CARRIE MRS 236-8543
5 SPRY HARLAN
6 SPRY HUGH
7 HENRY DARRYL 234-6970
8 SMITH HELEN M 232-2718
9 BLOMGREN ROBT G JR 232-3040
10 CHANEY LEE
11 SHURMAN B
12 BELNAP ETHEL MRS 234-5800
13 ARNOLD ANNIE MRS 234-7865
14 HUNTER J
15 CUMMINGHAM ALBERT W
16 MC NEALS B
17 RAFFERTY J V 234-1266
18 SPANI K
19 PETERS CHARLES
20 HASSENSTAB L
21 WHILDEN PERPETUA MRS 235-0649
STREET CONTINUED
1036 GOULD VERN 232-7340
---SE TAYLOR INTERSECTS
1101 AMATO LANES & RESTAURANT BOWLING 234-0447
---SE SALMON INTERSECTS
1239 WESTERN FABRICATORS INC SHT MTL 234-9791
1240 WESTERN GOLF COURSE SUPPLY CO INC 234-7591
---SE MAIN INTERSECTS
1313 OREGON STATE GRANGE BUILDING ROOMS
100 BETTER FRUIT PUBLISHING CO PUBL 236-1118
100 OREGON GRANGE BULLETIN 236-1118
100 OREGON STATE GRANGE 236-1118
202 GRANGE MUTUAL LIFE INSURANCE CO 236-4774
203 DARM W J CO MFRS AGTS 234-9745
1340 BECHTOLD'S GOOD FOOD RESTR 236-1075
---SE MADISON INTERSECTS
1406 OREGON LAUNDRY CLEANERS (BR) 234-7611

240
---SE HAWTHORNE BLVD
---INTERSECTS
---SE CLAY INTERSECTS
1603 CREIGHTON A MAUDE MRS 235-7025
1605 FOLSOM LOUISE 236-9190
1607 JAMES SANFORD U
1609 VACANT
1615 LARRY & CHUCK'S HEATING SERVICE FURNANCE REPRS 232-5747
1621 GUILD MONTE 236-1897
1629 LEE NANCY MRS ● 235-2880
1631 NO RETURN
1635 VACANT
1638 MULBERRY APARTMENTS 236-8550
4 O'NEILL GLEN 236-8550
5 TONNING PER H
13 SWAIN HAROLD J 236-5968
101 PAULI CORA A 232-5834
102 RISING RUTH MRS
103 GRIFFIN MILDRED MRS
104 SEYBERT CONSTANCE R MRS 234-6968
105 CLARK JOHN
106 ERICKSON AGNES T MRS 235-6485
107 POTTSMITH MARY M MRS 236-1985
108 WELLS EVA MRS
109 ZILK AUDREY
110 COLE ETHYLEN J MRS
111 KIENOW MARGT MRS 236-8017
112 MC GIRR ELIZ L 232-2049
113 ANDERSON GINNY
201 JOHNSON CARL J 236-4694
202 FURLONG SUE M MRS 236-3860
203 BARTON BONNIE 236-1222
204 HAINES GLADYS R MRS 235-7797
205 FITZSIMONDS MARGT M MRS 232-6453
206 PRINCE AGNES 235-2026
207 KAY GLADYS MRS 235-2845
208 ANDREWS NETTIE MRS
209 LINDLE ANN 235-7327
210 TRACY HELEN MRS
211 MILLER EMMA
212 RENFROE HAROLD D 232-4335
213 VAN WAYNEN ANNA S MRS 236-3223
STREET CONTINUED
1639 VACANT
---SE MULBERRY AV INTERSECTS
1711 NEW LIFE CLEANERS 234-3424 APARTMENTS
A WONG GUM 232-6958
B LEE GERALD
C WONG ON MRS
D LEE HOY KEE ● 236-8044
E WALEY GEO
1717 IWAMOTO RAY T
1719 VACANT
1720 STUART RADIATOR DISTRIBUTORS INC 234-7585
1723 HYEE LEROY 232-8630
1725 WONG JOHN G 234-7852
1737 HENRY'S AUTOMOBILE & TRUCK SERVICE 236-4105
1738 TOM'S TAVERN 235-5828
1742 SIX NINETEEN CAFE 235-9141
1748 FITTERER STEVE ● 235-5292
---SE MILL INTERSECTS
1802 CHARLOTTE COURT APARTMENTS
1 MASKELL MAY F 234-9464
3 FORBES FRED V ● 236-9440
4 SMITH HARRY E ● 234-2601
5 CORRIGAN EDW J ● 236-8084
6 HALL GLADYS G ●
STREET CONTINUED
1806 SMITH HARRY ELZY ● 234-2601
1809 BOOTHE J H 236-2048
1816 LENOS DAN J ● 232-5278
1817 LANDSBERG HELEN M MRS ● 235-7397
1825 APARTMENTS
1 DOROCKE GEO W 232-9776
2 ALLEN DEAN
3 CLARK E B JERRY 234-7016
4 MILLER HAZEL MRS
5 TILLICK R D
1834 VAN METER FINLEY C ● 236-8166
1844 BRITTON LANSING W ● 232-3087
---SE STEPHENS INTERSECTS
1902 GAVIN SOPHIE MRS ● 236-5020
1903 RENFRO VIRGINIA K MRS 235-0656
LAKE JOHN G ● 234-1771
1907 LEHTO ADOLPH W
1912 KOENIGHOSER MATHILDA MRS ● 235-6268
1515 LEE STEPH M S REV 236-0953
1918 FOX ROBT D 232-0943
1924 BASHAW WENDELL L ● 232-8288
1926 ANDREWS OSCAR H ● 232-9292
1940 APARTMENTS
1 LINDSEY ESTHER 236-7670
2 SMITH CLEVEDENCE
3 NAGEL REX
4 LEE WALLACE 235-6297
5 SAHLI RAYMOND P 234-2163
6 KCHLHOFF HENRY
7 ADAMS RICHD W 236-6325
8 ROMESNO JASON
9 DILLMAN MABEL
10 SWITZER LUCILLE 236-3186
11 GROAT RICHD 236-6516
12 SCOTT WALTER 232-8923
STREET CONTINUED
---SE HARRISON INTERSECTS
2011 NO RETURN
2014 MARLA APARTMENTS
101 ROSENTHAL CLIFFORD 235-5676
102 GRULKE NINA MRS 234-6204
108 ROBINSON HOWARD L 234-8075
201 HERBERT JOE 236-2263
202 WILSON L L 232-0750
203 WACH IVY L MRS 235-8154
204 DOHERTY ERNEST 232-3053
205 LANDOVER MEYER G
206 SMITH GAIL MRS 235-3431
207 OBERLAND C
208 HOLTHVESER R
301 ARNETT RICHD
302 WEHRLY FRANK L 234-2714
303 BABLER RICH G 236-4006
304 VACANT
305 WHITE SAM H
306 MILLS MARY
307 WALLACE MADALINE
308 CAMERON HUGH 232-3879
STREET CONTINUED
2019 TAKABAYASHI TADAO 232-8933
2021 WALLACE LLOYD
OLIMANSKA SAM S ● 232-1233
2028 KAGAWA JOHNNIE ● 232-5610
2038 MILILLI GUILIO ● 236-3651
2044 NEILL WM 234-5996
2046 SIMCOX MARJORIE S MRS 232-1550

933
---SE LINCOLN INTERSECTS
2102 VIRGINIA LEE APARTMENTS THE 236-4368
1 LEE GILBERT 236-9639
2 MEYER KATH MRS 236-4368
3 BAUGHMAN ROBT
4 DOHERTY R L
5 MC INTURFF J
6 BURNISON W C
7 JOHNSON WYNNE
8 HIGGINS THOS
9 KUYPERS PETER
10 VON RAUTENBER MARY A
11 JOHNSTON SHERMAN
12 ROMANS MARY MRS
STREET CONTINUED
2110 LEE FRANK C ● 236-8612
2115 NO RETURN
2117 MILLER JAMES 235-6171
2120 LOUIE ANDREW ● 232-6321
2123 DE FRANCISCO ANTONETTE MRS ● 232-3768
2128 NAVARRA JOSEPH ● 234-4786
2138 LEININGER FLOYD A
2146 BRANDENBERG BARNEY
2148 HANSON MARY E MRS ● 232-3695
---SE GRANT INTERSECTS
2203 MURPHY FAYE L MRS 236-0564
2204 POLICARPO CAPPELLARI ●
2212 RICH ROBT F ● 236-1657
2215 LOWER JOSEPHINE E 235-4960
2225 FORRESTER CONSTANCE G 234-5658
2237 MOORE WM H ● 232-3667
---SE SHERMAN INTERSECTS
---SE SPRUCE INTERSECTS
2303 LIBKE ARTH A 236-6271
2314 MULLEN VERNE D
2315 AMATO JULIA M ● 232-5663
2323 DE MOORE ODELL A ● 235-3800
2328 CREITZ RUSSELL ● 232-7377
2333 WELLS BOBBY L ● 235-7873
---SE CARUTHERS INTERSECTS
2407 MORRISON DELTA M MRS 235-0690
2417 ALGAR RAYMOND S ● 234-3840
---SE ELLIOTT INTERSECTS
---SE DIVISION INTERSECTS
2524 APARTMENTS
1 KIERSTEAD SHARON L 232-7203
2 HATCH CHARLEEN
3 DAVIS GENEVA
4 YAGER HELEN
5 VACANT
6 VACANT
7 GRIFFIN MILDRED 234-4917
8 VACANT
2534 HOUSE EILEEEN
---SE IVON INTERSECTS
2606 DICK E SAM CO INC HEATING CONTRS 232-6956
CORDI SALES CO FOOD BROKER 236-4444
2616 BUDDHIST DAIHONZAN HENJYOJI TEMPLE (YOUTH BLDG)
2622 HENJYOJI DAIYU Y REV ● 236-5505
2634 BUDDHIST DAIHONZAN HENJYOJI TEMPLE 232-6352
2637 MASONS SUPPLY CO BLDG MATLS 234-4321
SPECIALTY ERECTORS INSTALL DOORS 234-4321
---SE CLINTON INTERSECTS

274
---SE POWELL BLVD INTERSECTS
---SPCO TRACKS CROSS
---SE MILWAUKIE AV INTERSECTS
3101 NELSON HAROLD
3105 BALLEW LONNIE
3107 NO RETURN
3131 VACANT
---SE KELLY INTERSECTS
3212 LONG ROBT D 235-1845
3219 WHITLOCK BEVERLY MRS
3226 ZURBRUGG RUTH A MRS ● 235-6274
3236 JENSEN S LE RUE ● 235-4041
---SE FRANKLIN INTERSECTS
3305 LEE TONG JUNG ● 235-3715
3306 OTIS ARCHIE M ● 235-6395
3314 REYNOLDS JACK W ●
3315 HEWITT NORMANE
3325 MARCHI PAUL ●
3334 SLEEP RICHD H
3335 TIPPER ROBERTA 232-2237

276
---SE PERSHING INTERSECTS
---SE BOISE INTERSECTS

4205 DE VORE TRACY MRS ● 236-3992
4214 CLOUD DAVID F ● 232-0679
CLOUD DARRELL B
4217 ESTES THELMA ● 232-4872
4224 CAMPAGNA RENALD F ●
4227 SMITH VERNON M ● 232-5541
4235 SOMMERFELD MILDRED MRS ● 232-4209
4236 BRADY JOHN P ● 236-3976
---SE CORA INTERSECTS
4335 HARRIS MAURINE
---SE MALL INTERSECTS
4407 MORRISON FILOMENA 236-3659
---SE REYNOLDS INTERSECTS
4454 CONOVER J H 236-4507
4470 DU PAY SHERLEY M ● 235-5113

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12TH AV SW -FROM 1201 W BURNSIDE SOUTH

302 VACANT
303 MAJESTIC HOTEL MGRS 227-9992
308 KENT HOTEL 223-3372
---SW STARK INTERSECTS
400 SURGICAL SALES INC 228-6439
401 JAKE'S GAY NINETY'S COCKTAIL LOUNGE 227-4203
JAKE'S FAMOUS CRAWFISH RESTR 227-4203
409 HOTEL DUKE 227-8231
411 CLAYTON HOTEL 227-9796
WALTON JOHN
MITCHELL EDW ●
412 MC ANULTY HOWARD ADVERTISING AGENCY 228-4101
PACIFIC NORTHWEST ELECTRONIC WORKSHOP 228-6376
415 KELWIN DISTRIBUTING CO ELEC APPLS 227-1296
423 VACANT
425 VACANT
429 VACANT
---SW WASHINGTON INTERSECTS
517 WASHINGTON BUILDING BARBER SHOP 228-7717
525 VACANT
527 VACANT
528 ALDER STREET GARAGE 222-5615
531 CAMP FIRE GIRLS PORTLAND AREA COUNCIL 228-7545
533 KARLSON K E INC ORTHOPETIC SHOP 222-1177
WEBB'S ORTHOPEDIC SHOP 222-1177
537 FOUNDATIONS & SURGICAL SHOP CORSETIERS 227-7169

STATE 288-5535
4246 N.E. SANDY BLVD., Corner of 43rd, PORTLAND PHONE 287-1163

TP	Adjoining	Source
-	✓	R.L.Polk Co.

SE 13TH AVE 1965

OVER 100 STATEWIDE OFFICES
FIRST NATIONAL BANK OF OREGON
Member Federal Deposit Insurance Corporation
LIST OF PORTLAND AND STATEWIDE OFFICES IN BUYERS' GUIDE BANK DEPARTMENT

13TH AV NE--CONTD
5634 BAKER LLOYD E ● 287-5157
5638 HUDSON JAMES A 287-3379
5702 TURNER MORRIS ● 284-2993
5706 O DONOHOE JOHN J JR 288-2778
5707 VACANT
5712 COLE ERMA F ● 287-1066
5713 REYNOLDS ALVIN W ●
5723 MORRELL CARL T ● 284-7692
5733 PEARSON HILDA MRS 282-6695
---NE JARRETT INTERSECTS
5807 INGRAHAM DONALD E 284-7003
5814 AMBROSE DELBERT A ● 284-8924
5815 HEISLER ALMA MRS ● 284-5156
5825 NUCK HERMAN F ● 287-5592
5846 LOHKAMP EDW R ● 281-4588
5932 HEPCKE A LEO JR ● 284-0586
6635 HYNDMAN RUTH G MRS ● 287-8654
5844 WHITTEBERRY RICHD R ● 284-4369
5845 CHAPMAN LYLE V ● 284-1079
5850 FORBES RONALD D ● 286-1166
5901 JOHNSON GEO H ● 287-6548
5904 JONES BRUCE B ● 282-2769
5911 HEINZ CARL J ● 281-8967
5912 LOOFBURROW A KENT ● 284-7745
5918 LOVELY ROLLAND F ● 282-6280
5919 BOOM TED L ● 281-0417
5930 BECKER HENRY P ● 287-3087
5931 MC CALMONT JAMES ● 282-1153
5945 KLEUSCH LILLIAN E MRS ● 281-0990

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---NE AINSWORTH INTERSECTS
6010 JOHNSON CHET
6015 WILDE JACK E ● 281-2055
6024 MAC DONALD WM C ● 282-6616
6025 STEINKE HAZEL E MRS 282-8125
6034 WASHINGTON EDW J ● 284-1743
6037 HOWARD FLORENCE MRS ●
6104 LUSE BYRON W ● 284-1663
6105 GERDE LEIF J ● 281-4087
6116 STEWART ANNIE B MRS ● 287-3004
6121 DANIELS DANL W ● 284-6523
6126 ELLIS MERLIN L ●
6132 BRADLEY CHRISTINE MRS ● 287-5192
6133 VACANT
6201 COULTER FRED L ●
6206 WOODS JOHN H ● 284-3268
6210 LOEW THEO J ● 287-5120
6215 DUKE ARNOLD L 287-0290
8224 HALL JACK W ● 282-6421
6229 CRITTENDEN JOHN ●
6232 PAUL ROYAL J ● 282-0468
---NE HELMAN INTERSECTS
6305 EDWARDS GILBERT J ● 282-5302
---NE HIGHLAND INTERSECTS
6401 SPIDAL WM T NEWS DLR 282-1212
---NE PORTLAND BLVD INTERSECTS
6532 NO RETURN
6536 PALACIANO FRANK 285-2265
6547 PORTLAND LAWN MOWER SERVICE 284-1783
WHEELER CLARENCE W ● 284-1783
---NE BELLEVUE INTERSECTS
---NE NORTON INTERSECTS
---NE LIBERTY INTERSECTS
---NE LENORE INTERSECTS
---NE JUNIOR INTERSECTS
6717 HOPPER JOHN W ● 284-1426
6720 PIERCE ERNEST C 285-4257
---NE DEKUM INTERSECTS
6818 HEINZE H J 289-9669

174

---NE SARATOGA INTERSECTS
---NE NORSE INTERSECTS
---NE WINONA INTERSECTS
6909 BOWMAN GLEN D ● 289-3102
6918 ULIBARRI MANUEL A ● 289-1463
6932 DURR LAWR ●
6941 ALLMAN SYLVANUS B ● 285-4040
7020 SALAGVARDA ALBINA MRS ● 289-2802
7038 BENNETT REUBEN M ● 289-4694
---NE WOODLAND INTERSECTS
---NE MORGAN INTERSECTS
7106 NORD CHARLES A ● 289-5188
7132 WILLIAMS ROBT L ● 285-7017
---NE BUFFALO INTERSECTS
7207 MITCHELL STANLEY H 285-6221
7224 WHITE PERRY V ● 285-2313
7225 JENSEN CLARENCE M ● 289-2676
7243 WILLIAMS JAMES L ● 289-2774
---NE HOLLAND INTERSECTS
---NE STAFFORD INTERSECTS
---UP TRACKS INTERSECTS
---NE LOMBARD INTERSECTS
---NE RUSSELL INTERSECTS
733A NOZAKI JOHNNIE ● 289-2926
---NE COLUMBIA BLVD INTERSECTS
7515 NORTHWEST PROTECTIVE COATINGS INC PAINT 285-4631
7520 OVERHEAD DOOR CO OF PORTLAND GARAGE DOORS

932

13TH AV NW -FROM 1301 W BURNSIDE NORTH

---NW COUCH INTERSECTS
---NW DAVIS INTERSECTS
202 VACANT
225 OLSEN ADE TRANSFER CO (WHSE NO 2) 222-3000
---NW EVERETT INTERSECTS
300 PLANCICH FISH CO WHOL 227-8416
---NW FLANDERS INTERSECTS
401 CAPITOL MEAT CO INC WHOL 226-0129
---NW GLISAN INTERSECTS

13

---NW HOYT INTERSECTS
---NW IRVING INTERSECTS
---NW JOHNSON INTERSECTS
---NW KEARNEY INTERSECTS

934

---NW LOVEJOY INTERSECTS
1039 WILBUR-ELLIS CO (WHSE)
---NW MARSHALL INTERSECTS
1630 S P & S RY (BRIDGE & BLDG SECTION)

912

---QUIMBY INTERSECTS
1705 S P & S RY (YARD OFC)

180

13TH AV SE -FROM 1311 E BURNSIDE SOUTH

24 NOBLITT IVAN ●
---SE ANKENY INTERSECTS
121 BECKETT WM W
124 HOWARD APARTMENTS 232-3868
A HANSON VICTOR E 232-3868
C SAUER DOROTHY B MRS 232-6421
D VACANT
E KING JOANNE
F FONTANE ANTONE 235-4077
STREET CONTINUED
136 APARTMENTS
A MENDEL JOSE
B SCHNAPP RUTH E MRS
C REES DALE
D AKESE PETER J
E WEISS JUDIE 236-1536
F DELMAR STEPHANIE MRS
---SE ASH INTERSECTS
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216 DE BUSK JOHN E 234-2597
218 VACANT
225 COUDARE NELLIE MRS 236-6483
226 KINDBERG CARL S 234-3668
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822 LUCK HARLAN D CONSULTING ENG 234-4815
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915 DAHL ANCY MRS ●
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2 ERNTSON BURNETTA
3 HANSEN REX
4 VACANT
5 KNUTSON MARY A
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924 SCIBETTA SAML F 232-6634
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1013 KORN LEON H ● 236-3766
1016 PRICE JAMES F ●
1030 TALBITZER JOHN H 232-5854
1032 CRIBBINS LAWRENCE F
1034 MARVIN MAYBELLE V MRS 232-9275
1036 BRUNTON BETHEL B MRS 235-6510
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1106 CLAIRE APARTMENTS
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10 BURDESSIA VAN J 236-8306
11 WILCOX EVERETT
12 WILSON JEWELL MRS
14 WILCOX FRANK
15 PLANK MORRIS
16 KANTS KARL F 235-1159
20 HART EDW 234-1656
21 PRESGROVE FRED
22 KNUDSON MARGARITE MRS 235-2202
24 MERRILL FORREST
25 STEWART OLGA E MRS 232-A628
26 LEE JIMMY
30 MAR JACK L 235-3598
31 CHRISTINSEN NELLIE 232-4421
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34 HAFNER GERTRUDE
35 MC LAUGHLIN B EUG
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2519 CASTALLO THERESA M MRS 236-6359
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2525 HARBAUGH ANNA L MRS ● 236-3301
2534 WARSOP ROY H ● 232-9510
2537 VACANT
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2615 KNIGHT BILLY L 234-2965
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3367 SCHNEIDER ELEANORE MRS ● 236-8816
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3417 BOUCHARD EUG ● 235-7041
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343A SCOLES JOANN R ●
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3505 WHITE ROBT S ● 235-6048
3518 PIERCE ARTH ● 232-6325
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3904 SITES MYRON I ●
3914 SHEFKO THOS ● 238-0835
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7409 SCOTT STELLA MRS ● 234-1811
7414 MC QUILLIAM WM J ● 232-0409
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7624 THORNWALL MARY E MRS ● 236-1628
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8003 MAGNER GOLDIE M 234-4072
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8012 MASON VICTOR D
8013 JOHNSON'S BARBER SHOP
8015 A & R MODERN PLUMBING (WHSE)
8017 VACANT
8018 BARTHOLOMEW FORREST W OPTOM 236-5616
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302 BLOCH ADOLPH L ADVERTISING AGENCY 227-8664
305 EMMONS ENGRAVING CO PHOTO 228-2748
306 VACANT
STREET CONTINUED
112 NORTHWEST BOOKBINDING CUSTOM & COML BINDING 223-7126
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120 BINFORDS & MORT BUILDING ROOMS
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220 VACANT
221 ERICKSON KARL E COML ARTIST 222-1452
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420 PORTLAND SAFE CO (WHSE)
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1105 S P & S RY CO (LOCOMOTIVE DEPT) SGO 228-9111
1140 UNION PACIFIC RAILROAD CO (DINING CAR DEPT) 227-7771
1300 NORTHERN PAC TERMINAL CO OF OREGON (YD OFC) 227-3551

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14 SHANNON APARTMENTS 235-2082
B GLOVER HENRY A
C ROSE DAN
D NO RETURN
E ROSE JAMES
F VACANT
G HARGRAVE FAYE MRS
H CHAMP MERSCHEL
I VACANT
J LAVERGNE DONA
K HAGLUND ANNA MRS 234-3643
L SMITH EVERETT E
20 TANGEN ROY WOODTURNING WOOD TURNING 236-3903
30 DONAHUE REED H
32 BRIGHAM ANNA R ● 235-6066
---SE ANKENY INTERSECTS
103 VACANT
105 GROOMS HARVEY
107 VACANT
109 VACANT
115A HALVERSON MARVIN
115B MADDEN ROBT A 232-0837
116 LEMON ETTA M
117 WORDEN CLARENCE E
118 VACANT
122 CRAFT A BEN
123 DAY HAZEL C MRS 235-5670
ROBERTS JESS W
126 ARZADON FELIX 232-4561
131 VACANT
134 VACANT
135 VACANT
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---SE PINE INTERSECTS
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---SE WASHINGTON INTERSECTS
606 STATE GRAIN INSP DIV 235-6636
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777 COLUMBIA SALES CO RESTR EQUIP 236-0121

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BROTHERHOOD OF LOCOMOTIVE FIREMN & ENGINEMN NO 969
BROTHERHOOD OF RAILROAD CARMEN OF AMERICA NO 931
BROTHERHOOD OF CARMEN OF AMERICA NO 932
BROTHERHOOD OF RAILROAD CARMEN OF AMERICA NO 419
CITY OF ROSES LODGE NO 1623 (ITALIAN)
FIRST SPIRITUALIST CHURCH
FLEET RESERVE ASSN
FLEET RESERVE ASSN AUXILIARY
GARDENERS & RANCHERS ASSN
GROVE NO 4 (ANCIENT ORDER OF DRUIDS)
HAPPY TIME CLUB
HELVIATIA MALE CHORUS
INTERNATIONAL BROTHERHOOD OF ELECTRICIANS NO 799
LINO JENNY LODGE INC NO 43
NATURAL FOOD ASSN
ONE HUNDRED CLUB
PATTERNMAKERS ASSN
PECO EMPLOYEES ASSOCIATION
PHALENA TEMPLE NO 17 PHYTHIAN SISTERS
PROGRESSIVE ITALIAN AMERICAN CLUB
PULP & SULPHITE WORKERS ROSE CITY LOCAL NO 242
RAILWAY CLERKS PACIFIC COAST LODGE NO 419
REGINA MARGHERITA CIR NO 1 (ANCIENT ORDER DRUIDS)
ROSE CITY LODGE 308 AUX J P MAYNARD LODGE RR UNION LADIES AUX
INTERNATIONAL FOLK DANCERS SCH
RUNEBERG LODGE LOCAL NO 125
SCOUT YOUNG CAMP NO 3 AUXILIARY
SCOUT YOUNG CAMP NO 2 SPANISH-AM WAR VETERANS
SHEET METAL WORKERS LOCAL NO 326
SONS & DAUGHTERS OF COLUMBUS NO 2020
SONS OF ITALY NO 1611
SWISS AMERICAN SOCIETY OF PORTLAND
SWISS LADIES AID SOCIETY
SWISS RIFLE CLUB
SWITCHMEN'S UNION LOCAL NO 329
TERMINAL MAINTENANCE LOCAL NO 799
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VETERANS WORLD WAR ONE BARRACKS NO 53 AUXILIARY
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1535 BILLINGS & CRONN CO PLSTR CONTR 235-6673
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POST NO 907 AUXILIARY (VFW)
POST NO 907 (VFW)
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1835 PALMER PRINTING CO 235-2928
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2026 MARTINI C R
2029 INTERSTATE BRASS FOUNDRY 234-4211
2035 BIGGS REBECCA MRS 235-1095
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3007 VACANT
3013 HOPKINS VIRGIL D ● 234-3893
3014 KENNEDY JEFFERSON B ● 232-7398
3019 CANDELLA MARIA MRS 235-7736
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3024 CARANDANIS PERRY
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3034 NIELSEN LEHI V
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3114 RAMBERG A E ●
3115 MARKEN MARY MRS ● 235-3653
3122 MALLETT LLOYD VOICE TCHR ● 235-0584
3123 MULLINS FRANCIS M ● 235-0392
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3213 MC CLINTOCK GOLDIA I MRS ● 236-1308
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3376 GRAPPERHAUS DALE J ● 232-7376
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3415 ENGEL CLIFFORD V ● 236-9847
3416 LANE GLADYS L ● 236-6480
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3433 KLEFFNER LEO H ● 235-7938
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3441 REIF VERONICA M MRS 234-3408
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3904 GROFF THERESA M MRS ● 234-5910
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3914 ANDERLE ROSE A MRS ● 236-1839
3923 WILKE FRANK A ● 232-1808
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4014 WATERWORTH GORDON L ● 235-7395
4017 RETCHLES GLENN E 232-4484
4023 TALARICO ALPHONSO ● 236-2686
4030 DEAN GERALD E ●
4015 YEAGER D
4110 ELLIS CLARA L MRS ● 235-3219
4115 AASBEY WAYNE ●
4125 RASCHID PETER J ● 232-7230
---SE BOISE INTERSECTS
4203 MOFFENBEIER BEN H ● 236-4343
4208 SCHOEPP LEE A ● 235-4271
4222 RUFFNER GOLDIE MRS ● 234-2795
4225 FRANCK BERNARD A ● 232-3744
4237 SCHAFFER JOSEPH D ● 232-9088
4249 KIDDER THOS C ● 235-2828
---SE CORA INTERSECTS
4301 CAVETTE ARTH J ●
4311 WEBER FRANCIS L ● 236-3977
4327 JORDAN BARBARA MRS ● 236-3533
4328 ELVRUN EMIL V ● 236-1374
4340 GLENN ROXY M MRS ● 236-3108
---SE MILLS INTERSECTS
---SE MC LOUGHLIN BLVD INTERSECTS
---INTERSECTS

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---SE SELLWOOD BLVD INTERSECTS
---INTERSECTS
---SE REX INTERSECTS
---SE MALDEN INTERSECTS
7633 SMITH ALF V ● 236-2490
7636 BALL JOHN F ● 236-5840
7704 CUTONE MICHL T ● 232-8280
---SE LAMBERT INTERSECTS
---SE BIDWELL INTERSECTS
7826 POLLOCK CECILLE MRS ● 236-8126
7866 KIM STANLEY L ● 236-6403
7867 STEBLE WALTER D 232-9368
7878 SZEINIES ERNEST E ● 236-2096
---SE LEXINGTON INTERSECTS
---SE MILLER INTERSECTS
7925 NO RETURN
7930 LEWIS DAVID R ● 232-2711
7935 CARSON LLOYD 236-7510
7953 TURNER LOIS C MRS ● 236-4364
7961 TARRANTS KAINO M MRS ● 235-5638
7971 CREW WM E ● 235-6243
---SE NEHALEM INTERSECTS
8007 VANCLEAVE C E 235-5257
8013 NELSON JOHN H 235-4727
8014 LA FOND LEONARD G 232-8733
8028 SIRCELLO GUY J ● 232-9687
---SE SPOKANE INTERSECTS
8054 NO RETURN
8057 VAN RHIJN WILLEM 235-0709
8064 HEUKER AGNES T MRS ● 236-8231
POMPA NANCY MRS 235-8273
8065 GRINAGE CECIL ● 235-0872
8075 PFAFF JOHN E 234-2883
8085 WORKMAN LAVERNE G
BOWEN GEO W ● 236-6369

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---SE TACOMA INTERSECTS
8110 GERTTULA CHARLOTTE M MRS ●
8115 TURNER ERNEST F ● 236-8991
8116 NO RETURN
8122 LA VONNE DESMERT
8124 MOODY PAUL W 236-4750
8128 MC CULLOUGH FLORENCE A
8138 FOX DONALD W 235-6451
---SE TENINO INTERSECTS
8204 ALLGEIER JOSEPH ● 236-4395
8205 YOST MARIE ● 236-7862
8214 WHITNEY ORIE F ● 235-1162
8225 KANE ROBT J ● 232-8882
---SE UMATILLA INTERSECTS
8315 LIGHT GRANVILLE A ● 234-2431
8325 VACANT
8338 SWOYER JOHN G ● 236-0196
---SE HARNEY INTERSECTS
8402 GILES CHARLES W ● 236-5381
8403 WERSTEEG HOWARD K ● 236-2537
8415 SOUMIE PEGGY J MRS 232-0851
8423 DEEMS ERNEST A ● 235-7077

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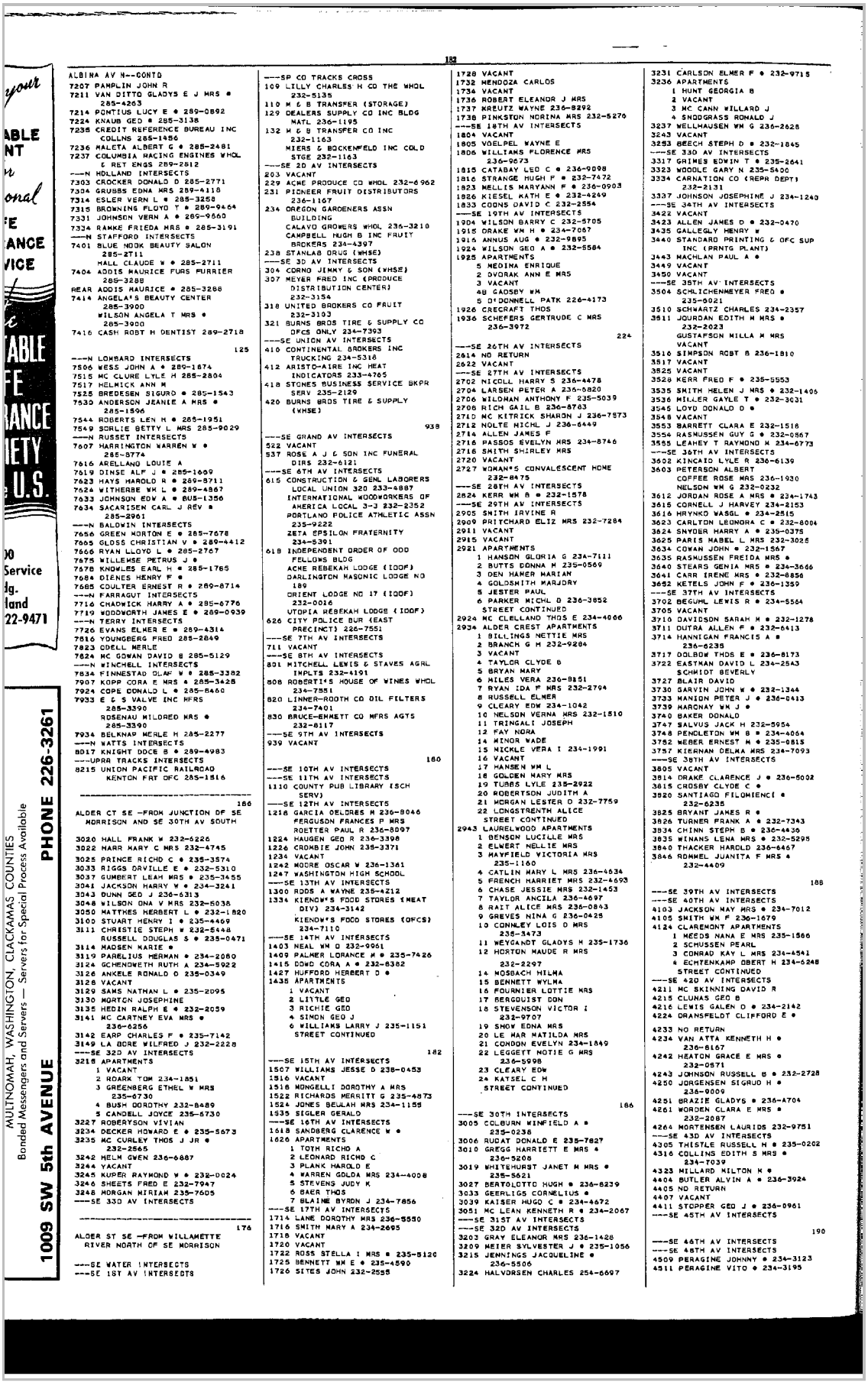

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ALBINA AV N--CONTD
7207 PAMPLIN JOHN R
7211 VAN DITTO GLADYS E J MRS ●
285-4263
7214 PONTIUS LUCY E ● 289-0892
7224 KNAUB GEO ● 285-3136
7235 CREDIT REFERENCE BUREAU INC
COLLNS 285-1456
7236 MALETA ALBERT G ● 285-2481
7237 COLUMBIA RACING ENGINES WHOL
& RET ENGS 289-2812
---N HOLLAND INTERSECTS
7303 CROCKER DONALD D 285-2771
7304 GRUBBS EDNA MRS 289-4118
7314 ESLER VERN L ● 285-3258
7315 BROWNING FLOYD T ● 289-9464
7331 JOHNSON VERN A ● 289-9660
7334 RAMKE FRIEDA MRS ● 285-3191
---N STAFFORD INTERSECTS
7401 BLUE NOOK BEAUTY SALON
285-2711
HALL CLAUDE W ● 285-2711
7404 ADDIS MAURICE FURS FURRIER
285-3288
REAR ADDIS MAURICE ● 285-3288
7414 ANGELA'S BEAUTY CENTER
285-3900
WILSON ANGELA T MRS ●
285-3900
7416 CASH ROBT H DENTIST 289-2718

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---N LOMBARD INTERSECTS
7506 WESS JOHN A ● 289-1674
7515 MC CLURE LYLE H 285-2804
7517 HELMICK ANN M
7525 BREDESEN SIGURD ● 285-1543
7530 ANDERSON JEANIE A MRS ●
285-1596
7544 ROBERTS LEN H ● 285-1951
7549 SORLIE BETTY L MRS 285-9029
---N RUSSET INTERSECTS
7607 HARRINGTON WARREN W ●
285-8774
7616 ARELLANO LOUIE A
7619 DINSE ALF J ● 285-1609
7623 HAYS HAROLD N ● 289-8711
7624 WITHERBE WM L ● 289-4867
7633 JOHNSON EDW A ● 805-1356
7634 SACARISEN CARL J REV ●
285-2961
---N BALDWIN INTERSECTS
7656 GREEN MORTON E ● 285-7678
7665 GLOSS CHRISTIAN V ● 289-4412
7666 RYAN LLOYD L ● 285-2767
7675 WILLEMSE PETRUS J ●
7678 KNOWLES EARL H ● 285-1765
7684 DIENES HENRY F ●
7685 COULTER ERNEST R ● 289-8714
---N FARRAGUT INTERSECTS
7716 CHADWICK HARRY A ● 285-6776
7719 WODDWORTH JAMES E ● 289-0939
---N TERRY INTERSECTS
7726 EVANS ELMER E ● 289-4314
7816 YOUNGBERG FRED 285-2849
7823 ODELL MERLE
7824 MC GOWAN DAVID B 285-5129
---N WINCHELL INTERSECTS
7834 FINNESTAD OLAF W ● 285-3382
7907 KOPP CORA E MRS ● 285-3428
7924 COPE DONALD L ● 285-8460
7933 E & S VALVE INC MFRS
285-3390
ROSENAU MILDRED MRS ●
285-3390
7934 BELKNAP MERLE H 285-2277
---N WATTS INTERSECTS
8017 KNIGHT DOCE B ● 289-4983
---UPRR TRACKS INTERSECTS
8215 UNION PACIFIC RAILROAD
KENTON FRT OFC 285-1516

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ALDER CT SE --FROM JUNCTION OF SE
MORRISON AND SE 30TH AV SOUTH

3020 HALL FRANK W 232-6226
3022 HARR MARY C MRS 232-4745
3025 PRINCE RICHD C ● 235-3574
3033 RIGGS ORVILLE E ● 232-5310
3037 GUMBERT LEAH MRS ● 235-3455
3041 JACKSON HARRY W ● 234-3241
3043 DUNN GEO J 236-6313
3048 WILSON ONA V MRS 232-5038
3050 MATTHES HERBERT L ● 232-1820
3100 STUART HENRY I ● 235-4469
3111 CHRISTIE STEPH W 232-5448
RUSSELL DOUGLAS S ● 235-0471
3114 MADSEN MARIE ●
3119 PARELIUS HERMAN ● 234-2080
3124 GCHENDWETH RUTH A 234-5922
3126 ANKELE RONALD D 235-0349
3128 VACANT
3129 SAMS NATHAN L ● 235-2095
3130 MORTON JOSEPHINE
3135 HEDIN RALPH E ● 232-2059
3141 MC CARTNEY EVA MRS ●
236-6256
3142 EARP CHARLES F ● 235-7142
3149 LA BORE WILFRED J 232-2228
---SE 32D AV INTERSECTS
3216 APARTMENTS
1 VACANT
2 ROARK TOM 234-1851
3 GREENBERG ETHEL W MRS
235-6730
4 BUSH DOROTHY 232-8489
5 CANDELL JOYCE 235-6730
3227 ROBERTSON VIVIAN
3234 DECKER HOWARD E ● 235-5673
3235 MC CURLEY THOS J JR ●
232-2565
3242 HELM GWEN 236-6887
3244 VACANT
3245 KUPER RAYMOND W ● 232-0024
3246 SHEETS FRED E 232-7947
3248 MORGAN MIRIAM 235-7605
---SE 33D AV INTERSECTS

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ALDER ST SE --FROM WILLAMETTE
RIVER NORTH OF SE MORRISON

---SE WATER INTERSECTS
---SE 1ST AV INTERSECTS
---SP CO TRACKS CROSS
109 LILLY CHARLES H CO THE WHOL
232-5135
110 M & B TRANSFER (STORAGE)
129 DEALERS SUPPLY CO INC BLDG
MATL 236-1195
132 M & B TRANSFER CO INC
232-1163
MIERS & BOCKENFELD INC COLD
STGE 232-1163
---SE 2D AV INTERSECTS
203 VACANT
229 ACME PRODUCE CO WHOL 232-6962
231 PIONEER FRUIT DISTRIBUTORS
236-1167
234 OREGON GARDENERS ASSN
BUILDING
CALAVO GROWERS WHOL 235-3210
CAMPBELL HUGH B INC FRUIT
BROKERS 234-4397
238 STANLAB DRUG (WHSE)
---SE 3D AV INTERSECTS
304 CORNO JIMMY & SON (WHSE)
307 MEYER FRED INC (PRODUCE
DISTRIBUTION CENTER)
232-3154
318 UNITED BROKERS CO FRUIT
232-3103
321 BURNS BROS TIRE & SUPPLY CO
OFCS ONLY 234-7393
---SE UNION AV INTERSECTS
410 CONTINENTAL BROKERS INC
TRUCKING 234-5318
412 ARISTO-AIRE INC HEAT
INDICATORS 233-4765
418 STONES BUSINESS SERVICE BKPR
SERV 235-2129
420 BURNS BROS TIRE & SUPPLY
(WHSE)

938

---SE GRAND AV INTERSECTS
522 VACANT
537 ROSE A J & SON INC FUNERAL
DIRS 232-6121
---SE 6TH AV INTERSECTS
615 CONSTRUCTION & GENL LABORERS
LOCAL UNION 320 233-4887
INTERNATIONAL WOODWORKERS OF
AMERICA LOCAL 3-J 232-2352
PORTLAND POLICE ATHLETIC ASSN
235-9222
ZETA EPSILON FRATERNITY
234-5391
618 INDEPENDENT ORDER OF ODD
FELLOWS BLDG
ACME REBEKAH LODGE (IOOF)
DARLINGTON MASONIC LODGE NO
189
ORIENT LODGE NO 17 (IOOF)
232-0016
UTOPIA REBEKAH LODGE (IOOF)
626 CITY POLICE SUB (EAST
PRECINCT) 226-7551
---SE 7TH AV INTERSECTS
711 VACANT
---SE 8TH AV INTERSECTS
801 MITCHELL, LEWIS & STAVES AGRL
IMPLTS 232-4191
808 ROBERTI'S HOUSE OF WINES WHOL
234-7551
820 LINNER-ROOTH CO OIL FILTERS
234-7401
830 BRUCE-EMMETT CO MFRS AGTS
232-8117
---SE 9TH AV INTERSECTS
939 VACANT

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---SE 10TH AV INTERSECTS
---SE 11TH AV INTERSECTS
1110 COUNTY PUB LIBRARY (SCH
SERV)
---SE 12TH AV INTERSECTS
1216 GARCIA OELORES M 236-8046
FERGUSON FRANCES P MRS
ROETTER PAUL R 236-8097
1224 HAUGEN GEO R 236-3398
1226 CROMBIE JOHN 235-3371
1234 VACANT
1242 MOORE OSCAR W 236-1361
1247 WASHINGTON HIGH SCHOOL
---SE 13TH AV INTERSECTS
1300 RODS A WAYNE 235-4212
1334 KIENOW'S FOOD STORES (MEAT
DIV) 234-5142
KIENOW'S FOOD STORES (OFCS)
234-7110
---SE 14TH AV INTERSECTS
1403 NEAL WM D 232-9961
1409 PALMER LORANCE M ● 235-7426
1415 DOWD CORA A ● 232-8382
1427 HUFFORD HERBERT D ●
1435 APARTMENTS
1 VACANT
2 LITTLE GEO
3 RICHIE GEO
4 SIMON GEO J
6 WILLIAMS LARRY J 235-1151
STREET CONTINUED

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---SE 15TH AV INTERSECTS
1507 WILLIAMS JESSE D 238-0453
1516 VACANT
1518 MONGELLI DOROTHY A MRS
1522 RICHARDS MERRITT G 235-4873
1524 JONES BEULAH MRS 234-1155
1535 SIGLER GERALD
---SE 16TH AV INTERSECTS
1618 SANDBERG CLARENCE W ●
1626 APARTMENTS
1 TOTH RICHD A
2 LEONARD RICHD C
3 PLANK HAROLD E
4 WARREN GOLDA MRS 234-4008
5 STEVENS JUDY K
6 BAER THOS
7 BLAINE BYRON J 234-7856
---SE 17TH AV INTERSECTS
1714 LANE DOROTHY MRS 236-5550
1716 SMITH MARY A 234-2695
1718 VACANT
1720 VACANT
1722 ROSS STELLA I MRS ● 235-5120
1725 BENNETT WM E ● 235-4590
1726 SITES JOHN 232-2555
1728 VACANT
1732 MENDOZA CARLOS
1734 VACANT
1736 ROBERT ELEANOR J MRS
1737 KREUTZ WAYNE 236-8292
1738 PINKSTON NORINA MRS 232-5276
---SE 18TH AV INTERSECTS
1804 VACANT
1805 VOELPEL WAYNE E
1806 WILLIAMS FLORENCE MRS
236-9673
1815 CATABAY LEO C ● 236-9098
1816 STRANGE HUGH F ● 232-7472
1823 MELLIS MARYANN F ● 236-0903
1826 KIESEL KATH E ● 232-4249
1833 COONS DAVID C 232-2554
---SE 19TH AV INTERSECTS
1904 WILSON BARRY C 232-5705
1915 DRAKE WM H ● 234-7067
1916 ANNUS AUG ● 232-9895
1924 WILSON GEO A ● 232-5584
1925 APARTMENTS
5 MEDINA ENRIQUE
2 DVORAK ANN E MRS
3 VACANT
4B GADSBY WM
5 O'DONNELL PATK 226-4173
1926 CRECRAFT THOS
1936 SCHEFERS GERTRUDE C MRS
236-3972

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---SE 26TH AV INTERSECTS
2614 NO RETURN
2622 VACANT
---SE 27TH AV INTERSECTS
2702 NICOLL HARRY S 236-4478
2704 LARSEN PETER A 236-6820
2706 WILDMAN ANTHONY F 235-5039
2708 RICH GAIL B 236-8703
2710 MC KITRICK SHARON J 236-7573
2712 NOLTE MICHL J 236-6449
2714 ALLEN JAMES F
2716 PASSOS EVELYN MRS 234-8746
2716 SMITH SHIRLEY MRS
2720 VACANT
2727 WOMAN'S CONVALESCENT HOME
232-8475
---SE 28TH AV INTERSECTS
2824 KERR WM B ● 232-1578
---SE 29TH AV INTERSECTS
2905 SMITH IRVINE R
2909 PRITCHARD ELIZ MRS 232-7284
2911 VACANT
2915 VACANT
2921 APARTMENTS
1 HANSON GLORIA G 234-7111
2 BUTTS DONNA M 235-0569
3 DEN HAMER MARIAN
4 GOLDSMITH MARJORY
5 JESTER PAUL
6 PARKER MICHL D 236-3852
STREET CONTINUED
2924 MC CLELLAND THOS E 234-4066
2934 ALDER CREST APARTMENTS
1 BILLINGS NETTIE MRS
2 BRANCH G M 232-9284
3 VACANT
4 TAYLOR CLYDE B
5 BRYAN MARY
6 MILES VERA 236-9851
7 RYAN IDA F MRS 232-2794
8 RUSSELL ELMER
9 CLEARY EDW 234-1042
10 NELSON VERNA MRS 232-1510
11 TRINGALI JOSEPH
12 FAY NORA
14 MINOR WADE
15 NICKLE VERA I 234-1991
16 VACANT
17 HANSEN WM L
18 GOLDEN MARY MRS
19 TUBBS LYLE 238-2922
20 ROBERTSON JUDITH A
21 MORGAN LESTER D 232-7759
22 LONGSTRENTH ALICE
STREET CONTINUED
2943 LAURELWOOD APARTMENTS
1 BENSON LUCILLE MRS
2 ELWERT NELLIE MRS
3 HAYFIELD VICTORIA MRS
235-1160
4 CATLIN MARY L MRS 236-4634
5 FRENCH HARRIET MRS 232-4693
6 CHASE JESSIE MRS 232-1453
7 TAYLOR ANCILA 236-4697
8 RAIT ALICE MRS 236-0843
9 GREVES NINA G 236-0425
10 CONNLEY LOIS O MRS
235-3473
11 WEYGANDT GLADYS M 235-1736
12 HORTON MAUDE R MRS
232-2297
14 MOSBACH MILMA
15 BENNETT WYLMA
16 FOURNIER LOTTIE MRS
17 BERGQUIST DON
18 STEVENSON VICTOR I
232-9707
19 SNOW EDNA MRS
20 LE MAR MATILDA MRS
21 CONDON EVELYN 234-1849
22 LEGGETT NOTIE G MRS
236-5998
23 CLEARY EDW
24 KATSEL C H
STREET CONTINUED

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---SE 30TH INTERSECTS
3005 COLBURN WINFIELD A ●
235-0238
3006 RUDAT DONALD E 235-7827
3010 GREGG HARRIETT E MRS ●
236-5208
3019 WHITEHURST JANET M MRS ●
235-5621
3027 BERTOLOTTO HUGH ● 236-8239
3033 GEERLIGS CORNELIUS ●
3039 KAISER HUGO C ● 234-4672
3051 MC LEAN KENNETH R ● 234-2067
---SE 31ST AV INTERSECTS
---SE 32D AV INTERSECTS
3203 GRAY ELEANOR MRS 236-1428
3209 MEIER SYLVESTER J ● 235-1056
3215 JENNINGS JACQUELINE ●
236-5506
3224 HALVORSEN CHARLES 254-6697
3231 CARLSON ELMER F ● 232-9715
3236 APARTMENTS
1 HUNT GEORGIA B
2 VACANT
3 MC CANN WILLARD J
4 SNODGRASS RONALD J
3237 WELLHAUSEN WM G 236-2628
3243 VACANT
3253 BEECH STEPH D ● 232-1845
---SE 33D AV INTERSECTS
3317 GRIMES EDWIN T ● 235-2641
3323 WOODLE GARY N 235-5400
3334 CARNATION CO (REPR DEPT)
232-2131
3337 JOHNSON JOSEPHINE J 234-1240
---SE 34TH AV INTERSECTS
3422 VACANT
3423 ALLEN JAMES D ● 232-0470
3435 GALLEGLY HENRY W
3440 STANDARD PRINTING & OFC SUP
INC (PRNTG PLANT)
3443 MACHLAN PAUL A ●
3449 VACANT
3450 VACANT
---SE 35TH AV INTERSECTS
3504 SCHLICHENMEYER FRED ●
235-5021
3510 SCHWARTZ CHARLES 234-2357
3511 JOURDAN EDITH M MRS ●
232-2023
GUSTAFSON MILLA M MRS
VACANT
3516 SIMPSON ROBT B 236-1810
3517 VACANT
3525 VACANT
3528 KERR FRED F ● 235-5553
3535 SMITH HELEN J MRS ● 232-1406
3536 MILLER GAYLE T ● 232-3031
3545 LOYD DONALD D ●
3548 VACANT
3553 BARRETT CLARA E 232-1516
3554 RASMUSSEN GUY G ● 232-0867
3555 LEAHEY T RAYMOND M 234-6773
---SE 36TH AV INTERSECTS
3602 KINCAID LYLE R 236-6139
3603 PETERSON ALBERT
COFFEE ROSE MRS 236-1930
NELSON WM G 232-0232
3612 JORDAN ROSE A MRS ● 234-1743
3615 CORNELL J HARVEY 234-2153
3616 HRYNKO WASSL ● 234-2515
3623 CARLTON LEONORA C ● 232-8004
3624 SNYDER HARRY A ● 235-0375
3625 PARIS MABEL L MRS 232-3025
3634 COWAN JOHN ● 232-1567
3635 RASMUSSEN FREIDA MRS ●
3640 STEARS GENIA MRS ● 234-3666
3641 CARR IRENE MRS ● 232-8856
3652 KETELS JOHN F ● 236-1359
---SE 37TH AV INTERSECTS
3702 BEGUHL LEWIS R ● 234-5564
3705 VACANT
3710 DAVIDSON SARAH H ● 232-1278
3711 DUTRA ALLEN F ● 232-6413
3714 HANNIGAN FRANCIS A ●
236-6238
3717 DOLBOW THOS E ● 236-8173
3722 EASTMAN DAVID L 234-2543
SCHMIDT BEVERLY
3727 BLAIR DAVID
3730 GARVIN JOHN W ● 232-1344
3733 MANION PETER J ● 236-0413
3739 HARCNAY WM J ●
3740 BAKER DONALD
3747 SALVUS JACK H 232-5954
3748 PENDLETON WM B ● 234-4064
3752 WEBER ERNEST M ● 235-0815
3757 KIERNAN DELMA MRS 234-7093
---SE 38TH AV INTERSECTS
3805 VACANT
3814 DRAKE CLARENCE J ● 236-5002
3815 CROSBY CLYDE C ●
3820 SANTIAGO FILOMIENO ●
232-6238
3825 BRYANT JAMES R ●
3826 TURNER FRANK A ● 232-7343
3834 CHINN STEPH B ● 236-4436
3835 WINANS LENA MRS ● 232-5295
3840 THACKER HAROLD 236-6467
3846 ROWNEL JUANITA F MRS ●
232-4409

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---SE 39TH AV INTERSECTS
---SE 40TH AV INTERSECTS
4103 JACKSON MAY MRS ● 234-7012
4105 SMITH WM F 236-1679
4124 CLAREMONT APARTMENTS
1 MEEDS NANA E MRS 235-1566
2 SCHUSSEN PEARL
3 CONRAD KAY L MRS 234-4541
4 ECHTENKAMP OBERT H 234-6248
STREET CONTINUED
---SE 420 AV INTERSECTS
4211 MC SKINNING DAVID R
4215 CLUNAS GEO B
4216 LEWIS GALEN O ● 234-2142
4224 DRANSFELDT CLIFFORD E ●
4233 NO RETURN
4234 VAN ATTA KENNETH H ●
236-8167
4242 HEATON GRACE E MRS ●
232-0871
4243 JOHNSON RUSSELL B ● 232-2728
4250 JORGENSEN SIGRUD H ●
234-9009
4251 BRAZIE GLADYS ● 236-A704
4261 WORDEN CLARA E MRS ●
232-2087
4264 MORTENSEN LAURIDS 232-9751
---SE 43D AV INTERSECTS
4305 THISTLE RUSSELL H ● 235-0202
4316 COLLINS EDITH S MRS ●
234-7039
4323 MILLARD MILTON K ●
4404 BUTLER ALVIN A ● 236-3924
4405 NO RETURN
4407 VACANT
4411 STOPPER GEO J ● 236-0961
---SE 45TH AV INTERSECTS

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---SE 46TH AV INTERSECTS
---SE 48TH AV INTERSECTS
4509 PERAGINE JOHNNY ● 234-3123
4511 PERAGINE VITO ● 234-3195

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BEECH ST NE--CONTD

---NE 80TH AV INTERSECTS
8030 HOBBS GLADYS M MRS ● 282-7011
---NE 81ST AV INTERSECTS
8104 HUCKSTEP HARRY G ● 288-3540
8105 HENDRIE PHILIPP R 287-8486
8116 STILES LUELLA MRS 282-8708
8117 MC INTYRE ARTH D ● 287-1093
8127 COOK JACOB N ● 284-2042
8128 KROHN WM H 288-4815
8129 COEN MILTON 282-9951
8130 FRAZIER WM T 288-3324
8132 HACKMAN WALDO J ● 282-0093
8133 FENZL ROSE

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---NE 82D INTERSECTS
8217 BRUMELS WILLARD E ● 253-0368
8225 NELSON LESTER L ● 254-8685
8226 LANVIK THOS O ● 253-2265
8235 A & H RUG & UPHOLSTERY CLEANERS CARPET CLNS 254-8354
8236 SCHAFFER JACOB W ● 253-1935
8246 TURKINGTON DONALD J JR ● 254-6617
8249 SCHVELKE LESLIE FITZPATRICK MARY L MRS
8301 BACON MICHL J 255-3052
8308 SCHAEFER HAZEL B MRS ● 253-6447
8317 HUDGE STEWART ● 254-2259
8325 LINES JOHN E ● 253-3174
8328 HANSON ALF H ● 254-2920
8346 WALTHARD KENNETH E ●
8347 MC CABE VERN L ● 253-6333
8404 PROFFITT REN O ● 254-2280
8407 HENDERSON JERRY ● 255-1145
8414 PAULUS SHIRLEY G
8425 RENEBERG FLOYD L ● 254-3249
8504 WESTLAND KENNETH A ● 254-2632
8505 SAINT ANGE JOSEPH ● 284-8082
8515 GUFFEY HANK J ● 253-6185
8524 STAUFFER NED P ● 252-4423
8525 HERMANSON ELMO T ● 254-3960
8535 LAMOUREAUX PAUL J ● 254-9829
8536 DUNN ROBT B ●
8540 GAITHER FORREST H ● 253-8104
8545 MATTHEWS ROBT B ● 254-5312
8556 FISHER ARTH E ● 252-1292
8604 DUNN JAMES W ● 254-3440
8605 OLSON JOHN A ● 254-5433
8619 HALL SANITARIUM REST HOME 254-1191
8620 HALL EDGAR L ● 254-1191
REAR STANLEY PHILIP N
8640 DUNN MURREL E ● 253-7988
8641 KENISON FRANK S ● 252-1847
8710 HUME RAYMOND D ● 253-3259
8714 LARSON LESTER G ● 252-7133
8718 SIMONSON DAVID A ● 254-4135
8721 BACHMAN LEO ● 254-8217
8724 FLOYD PAUL ● 253-4570
8731 JAENICKE RALPH ● 252-4817
8734 PERKIN C JOHN ● 254-9507
8741 ENFIELD ROMER M ● 253-6417
8751 THOMAS CARL F ● 253-2341
8761 NIELSEN LAWRENCE ● 254-3582
8824 HAHN WALTER B ● 254-3903
8825 SHINN WAYNE D ●

8835 TAYLOR THOS H ● 252-6553
8840 CARTER DANL L ●
8845 MARTIN MELVIN D ● 255-5402
8855 LOVELAND ROSCOE ● 252-7558
8855½ LARSON ELNA
8860 LAMM DAVID B 255-9753
8865 NO RETURN
8906 FRYE THEO B ● 254-0940

27

BELGRAVE AV NW (WILLAMETTE HEIGHTS)-2 NORTH OF NW THURMAN

117

BELKNAP AV N -FROM 3286 N TERRY NORTH

7816 MC CUNE STANLEY H ● 285-6498
7819 WHITENESS JOHN B ● 289-5180
7824 FULLER NELLIE M MRS ● 289-5076
7827 RALLS OLLIE L JR ● 289-1379
7832 WITTER MANSON A ● 285-8242
7835 ANDERSON CARL E ● 289-0556
7845 FLICK ROBT M ● 289-9752
7852 SPRAWCEW BARBARA MRS ●

168

BELLEVUE AV NE -FROM NE 13TH AV AND NE PORTLAND BLVD NORTHWEST

6505 JACKSON FORREST V ● 287-9343
6506 CHAPMAN LAWRENCE E ●
6514 FORD RALPH C ●

6611 WATSON ROBT S ● 287-5216
---NE GEAN INTERSECTS
6711 FIELDS ALZENA MRS ● 281-5152
---NE OEKUM INTERSECTS
6712 BATTIES SYLVESTER ● 287-6058
6807 WINGFIELD TOMMY 285-3834

174

---NE WOODLAWN INTERSECTS
6912 SCHRAEDER ROBERTA B MRS
6968 CARR FRANCES E MRS ●
---NE ONEONTA INTERSECTS

236

BELMONT ST SE -FROM THE RIVER EAST 1 SOUTH OF SE MORRISON

---SE WATER AV INTERSECTS
83 NEW ITALIAN IMPORTING CO 232-4126
GIUSTI AL C WINE CO 232-4126
---SE 1ST AV INTERSECTS
111 NORTHWESTERN ICE & COLD STORAGE CO (BELMONT PLANT)
129 GOODWILL INDUSTRIES (WHSE)
---E 20 AV INTERSECTS
---SE 30 AV INTERSECTS
---SE UNION AV INTERSECTS

936

---SE GRAND AV INTERSECTS
511 JUNIOR BUILDING ROOMS
201 VACANT
202 MC GILL-CLARKE LWYRS 232-8197
203 VACANT
STREET CONTINUED
521 SPEEDO TACH OF OREGON TACHOMETERS REPR 232-3129
522 K & B AUTOMOTIVE SERVICE AUTO REPR 232-8304
532 COLE RAYMOND B INC LIGHTING EQUIP 236-1996
534 C & S AUTO PAINT & BODY SHOP INC 232-9822
---SE 6TH AV INTERSECTS
600 GELTMAN SPONGING CORP CLOTH SPONGERS 232-1800
627 CUMMINGS TIRE CO (SHOP)
630 O E CO (PLANT)
633 CUMMINGS TIRE CO INC 235-3144
---SE 7TH AV INTERSECTS
700 EXHAUST SPECIALTIES & PARTS INC 235-3171
733 JUSTIN'S SIGNAL STATION GAS STA 235-9346
---SE 8TH AV INTERSECTS
808 GRAND CENTRAL STATION GAS STA 235-9902
815 TURNER LARRY W 234-3907
826 LIGHTHOUSE FISH & OYSTER CO WHOL 235-8747
835 PALM ABRASIVE & TOOL CO WHOL HDW 232-5176
839 VACANT
---SE 9TH AV INTERSECTS
904 KOOP INDUSTRIAL HANDLING EQUIP CO SLS & SERV 234-8188
930 CARUSO PRODUCE EXPRESS TRUCKING 236-8208
935 CARUSO PRODUCE WHOL 232-1119
936 BELMONT TRUCK REPAIR 232-6635

232

---SE 10TH AV INTERSECTS
1004 TUDOR J A & ASSOCIATES INC MFRS AGTS 233-4421
1016 MONTE CARLO RESTAURANT 235-9171
1018 GARDENERS & RANCHERS ASSOCIATION BUILDING 235-3426
COLLINS KENDALL D 235-5116
1020 WENFREE VERNON O
1024 MONTE CARLO LOUNGE COCKTAIL LOUNGE
1030 LIDO RESTAURANT 232-7766
---SE 11TH AV INTERSECTS
---SE 12TH AV INTERSECTS
1206 NU-WAY AUTO LAUNDRY 236-9123
1216 TREASURES TO TRIFLES ANTIQUES 235-0547
1224 APARTMENTS
HUSE LOUIE
1 LARSON HENRY
2 HENSON HENRY
SNYDER EBART W
4 HUSE GLE
5 LONG EVELYN
6 OELRICH OTTO
7 MORRIS JOE
8 EMIL LEE
9 LARSON ANDREW
10 KRAIG MYRTLE
STREET CONTINUED
1232 WILSHIRE TODD 236-0547
1235 NORTHWEST AUTO LEASE 234-7201
NORTHWEST RENTALS OFC EQUIP 234-7201
LEASE NORTHWEST INC CAR & EQUIP RENTALS 234-7201
---SE 13TH AV INTERSECTS
1305 JACOBSON OMER T CONSULTING ENG 236-5334
1313 MC KINLEY EDITH L 236-2579
1316 RICHTER EDWINA M ● 232-5305
1317 MAPLIN DONALD W 236-7122
1323 LUNDQUIST RICHD O
1335 APARTMENTS
1 GASSARD DENNIS
2 KUETHER EDWIN H
3 VACANT
4 VACANT
5 OLIVER ANNIE
1336 DOUGLAS ROBT A 236-3588
1337 BUCK IRENE G MRS
---SE 14TH AV INTERSECTS
1407 SIGNAL OIL CO (BR) 234-9383
1410 DUKE OF YORK APARTMENTS
BSMT MARK JAMES G
101 HOORMAN ELISABETH G 232-6511
102 VACANT
103 HENDRIKSEN CHRISTINE J MRS 235-0338
104 TURNER HELEN R 236-9607
105 HEMKE JOHN R
106 MILLER KENNY J 235-6233
107 HUBER H
108 SCHALES GEO
109 MENDENHALL FLOYD A 235-5722
110 CLARK GLENN E
111 SCHAHL VERA MRS 234-2177
112 CHAPMAN DONALD A
201 HARRELL HATTIE 234-3778
202 STOKES MARY K
203 HOLMAN ORLO J 234-5512
204 MADISON DOUGLAS G 234-1520
205 BAKER CHARLES
206 PROUDFIT HAZEL M MRS 234-6136
207 GORANSON ERIC E
208 BENSON CORRINE J 235-2518
209 BRIDGES HARRY R 236-5829
210 KEYES MARGT 234-5929
211 WAYNE JAMES F 235-3582
212 ORR JEAN
301 DORNEY GEO E 232-6557
302 JACKEETA LAURA
303 BUNCH MONTE 235-6906
304 PIGG EDITH H MRS 235-6343
305 HARMON INGWALD H 232-6756
306 HENRY EDNA E 235-1409
307 RASOR ORVILLE
308 NO RETURN
309 WILLIAMS EDNA 232-2634
310 FOX R
311 DREWNIAK DOROTHY H MRS
312 JACKSON CHARLES V 232-1295
STREET CONTINUED
1422 LOVE EUG B 235-7326
---SE 15TH AV INTERSECTS
1503 FAZIO PATRICIA MRS
1506 COSTELLO JOHN P ● 236-3242
1509 BUSHAW JOSEPH H 232-4437
1514 HAMLETT WALTER G ● 232-0084
1517 LANDERS JESSE C
1522 JANAC DOROTHY E 234-4426
1524 VACANT
1525 MEADOWS EDW J 234-2089
1535 KALLIMANIS PHOENI MRS 235-7436

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---SE 16TH AV INTERSECTS
1604 TURNER WM P 235-7910
1608 NO RETURN
1611 PEMBROOK APARTMENTS 232-7421
101 KARLE PAUL
102 ROBINSON TONI
103 CULP DAVID A 232-0717
104 TAYLOR J L
201 CASSEL GLENA
202 VACANT
203 BROOKHOUSE WM J 232-5515
204 MC KALE PATK
205 OE GERMAN CHARLES
206 WHISTLER NELO
301 LARSON KATH A MRS 236-4850
302 NORDSTROM ERIC 232-2318
303 DAVENPORT WARREN
304 VACANT
305 LUTKEMEIR AMELIA
306 JONES FRED 234-8860
STREET CONTINUED
1618 HOLLIN ELLA E MRS
1625 WALORSKI CHESTER
1626 MARTSELL JOHN L 232-1865
1627 REAM OSCAR 235-5702
1631 VACANT
---SE 17TH AV INTERSECTS
1704 PARKS ANNETTE D MRS 232-5688
1706 FREDERICK PAUL N 234-8896
1710 PICKARD ROLAND J
1716 PITTS STEVEN D 236-7949
1718 TORGERSON OLGA A MRS 232-9866
KOLOUSEK FERRIS L MRS 236-4044
1728 MC GLOTHIN MILDRED 232-1581
MC PHERSON MARY 232-7825
1733 COOKE HAROLD J ● 232-6440
1734 REDNOUR THEO C ● 232-3807
1738 COOKE'S BRAKE SERVICE 232-6440
1742 NOURSE PAUL ● 232-6804
---SE 18TH AV INTERSECTS
1818 LUSK BEULAH L
PENISTON AGNES W
1832 HARDER ALMINA M MRS ● 232-8711
1875 MATTESON GLENN CO INC PHARMACEUTICAL PROD 234-7391
LONGWORTH TED CO HEALTH FOODS 234-7391
---SE 19TH AV INTERSECTS
1919 EASTMAN KODAK STORES INC 234-9272
---SE 20TH AV INTERSECTS
2003 RAOKE'S RICHFIELD SERVICE GAS STA 234-5211
2021 RAOKE'S U-HAUL RENTALS
2034 MURPHY DARLENE 236-3109
2035 VACANT
2038 VACANT
2046 VACANT
2051 YAZZOLINO JERRY 232-6115
---SE 21ST AV INTERSECTS
2100 PLYWOOD DISTRIBUTORS INC SLS RET 232-3520
2103 WOOD JOHN M
2109 LEIGHTON JOHN ● 235-7062
2116 REED JOHN L ● 235-6263
2119 BELMONT FLORAL CO 235-7062
2122 LUND WAYNE R
2124 MARPLE BERRY S 232-5534
2125 NO RETURN
2126 THEAD JOHN W 236-4219
2128 GILMER LA VERGNE F 232-3001
2136 VACANT
2139 TICE ELECTRIC CO CONTRS 235-8456
2140 OPSAHL GERALD F CHIROPRACTOR ● 236-2989
2146 DOWLING COLISTA MRS ● 232-4856
---SE 22D AV INTERSECTS
2208 PETERSON EUNICE M MRS ● 236-0014
2214 LIVELY REALTY REAL EST 234-0261
2215 CLARK AMOS H 235-1630
2222 DAVIDHIZAR ROSCOE R ● 236-0395
2223 HRUBY EDW J WHOL CANDY 235-1858
MILLER LYLE F
2231 VACANT
2236 INDEPENDENT PRINTING CO 234-7535
2237 VACANT
2239 GUSTAFSON PAULINE A MRS 234-7761

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---SE 23D AV INTERSECTS
2304 FLANAGAN'S REPAIR SHOP AUTO REPR 235-9731
2324 COLUMBIA COPY CO REPRODUCTION MACHY 235-8701
2327 BABCOCK BILL J JR
2331 KIPP JOHN F
2336 MILLER DOUGLAS 235-5358
2339 HART JESSIE M ● 232-5532
HART MAE N MRS
2341 LORENTZEN WM J 234-1588
2344 FARLIN ELMER W ● 236-0945
2402 GOLDEN SEWING MACHINE CO 236-0575
GOLDEN WM J ● 236-0575
2403 BIRD ELIZ A ● 232-8528
2411 WICKS BARBER SHOP
2412 VACANT
2423 HANSEN CARL L ● 232-6247
2426 THARP ANNA M MRS ● 232-4044
2431 FARLEY MABEL ● 236-4975
2434 CAGE RICHD A ● 232-2003
2435 HEMBLING BRUCE H 232-3647
2440 CRUMM SIDNEY H ● 232-8966
2442 BRODIGAN JAMES 232-7737
2445 HUSSEY HAROLD
2450 INSTRUMENT SCOPE SHOP (STGE)
2452 VACANT
2454 INSTRUMENT SCOPE SHOP THE SCIENTIFIC INSTRUMENT REPR 232-5218
---SE 25TH AV INTERSECTS
2502 TECHNI PHOTO COMMERCIAL PHOTO 234-3689
2508 MANSFIELD ELIZ MRS 235-0281
2510 DIX EARL A JR
2510½ CANFIELD ALLAN M
2511 NICHOLAS CONRAD W ● 236-2982
2512 RICHARDSON MYRON E 236-4945
2518 BRUG HARRY C 232-7623
2519 EIGHT TO ONE STORE NO 1 GRO 235-9800
2520 COONS LILLY L
2522 MC KENZIE JUDITH J 234-6061
2524 NO RETURN
2526 VACANT
2527 WALLS FREEMAN H 235-6256
2533 GARRETT LEO R
2534 BELMONT CHAR-GLO RESTR 236-8283
2535 DE CLARK RADIO 234-8776
DE CLARK EARL M ● 234-8776
---SE 26TH AV INTERSECTS
2600 HONEYWELL INC REGULATOR MFR 235-8411
2622 HANIGAN'S FORTY-THREE TAVERN 235-9895
2623 ANDERSON GRACE J MRS
2624 SHAW DONALD J ●
2626 STOCKMAN NETTIE
2628 SLEEP RITE MATTRESS CO 234-5952
2637 DAVIS MARION AUTO SERVICE REPR 232-4928
---SE 27TH AV INTERSECTS
2701 LITHOPLATE INC LITHOPLATES 232-5805
2703 GARRICK NELLIE M MRS ● 332-3788
2705 HORTON ESTHER M 236-6163
2707 ART PAK PRODUCTS ART SUPS 236-6829
2714 GRIMES ENCO SERVICE GAS STA 235-2614
2715 KATSULES CATH E MRS ● 235-4831
2732 FERTE THOS L
---SE 28TH AV INTERSECTS
2801 WEST LUCIA
2808 CALBREATH MARY E ● 232-2914
2822 CRAM ELMER E ● 236-0784
2828 VACANT
2829 SELVEDERE APARTMENTS 235-4404
101 ROBERTS RICHD
102 HURRELL VERNE C MRS 232-4263
103 PETRE BULEA
104 WARKMAN B MILDRED MRS 234-6751
105 HARRIS ERNEST W 232-6481
106 KYLE MILDRED MRS 236-1543
107 WATSON LOUISE W 236-3795
108 CASCIATO HENRY
109 SPENCE FERN

TP	Adjoining	Source
-	✓	R.L.Polk Co.

SE BELMONT ST 1965

BELMONT ST SE--CONTD
ADAM APARTMENTS--CONTD
11 OVERALL W
12 NO RETURN
14 NOBLE LEILA MRS
16 LUNDQUIST LYNN 235-7453
17 REED CARRIE M MRS 236-3695
18 VACANT
STREET CONTINUED
4311 YOUR BEAUTY SALON 234-2195
JOHNSON MARY H MRS ●
234-2195
4320 LEWIS J B PLUMBING & HEATING
INC PLMBG CONTRS 236-4113
4325 STRASSER CLARENCE R 236-4425
4335 WILBURN STELLA M MRS ●
236-7456
4406 TURNER ANNA M MRS 234-1680
4411 SUTHERLAND ELECTRIC CO INC
234-9391
4416 GREEN ARTH D ● 232-5026
4422 BERG WALTER 236-8641
4430 VACANT
4432 VACANT
4435 SUNLIGHT APARTMENTS 235-7376
1 SEE DONALD B
2 GREINERT ELIZ
3 BAKER ROY 234-3584
4 VACANT
5 PORTER IVA C MRS 234-4726
6 VACANT
7 FIREBAUGH MELODY L 232-7709
8 SEMMEL JEAN
9 STONER RAE 236-2653
10 CARLSON SANFORD
11 NUNN PATRICIA 235-6576
12 NORDSTROM DEL 234-9480
STREET CONTINUED
4438 KELL DRUG STORE 236-1402

210
---SE 45TH AV INTERSECTS
4505 ANDERSON DAVID E ROOFING CO
INC CONSTR 234-0495
4512 OREGONIAN THE STA NO 2A
NEWSPAPERS 236-3257
4520 VACANT
4521 VACANT
4526 ED'S RADIO & TV 232-1632
4528 VACANT
4529 CARL'S PLUMBING CONTRS
4530 SPRUCE JEAN A MRS
4535 SEBRING SAW SHOP 236-4900
4536 LE BECK & SON HSE MOVERS
234-7291
4537 VACANT
---SE 46TH AV INTERSECTS
4600 LE BECK & SON WHSE
4608 PIGSLEY WM M 236-8403
4610 HENBREE L W CO ELEC CONTRS
235-2136
4701 VACANT
4705 JENSEN'S SHOE REPAIR
235-6030
REAR JENSEN BENJ C
4712 MOUNT TABOR BARBER SHOP
4713 ACME FLAVORING CO INC
EXTRACT MFRS 232-7017
4714 VACANT
4714A VACANT
4716 KINGS & QUEENS TAVERN
235-9064
4725 BELMONT SUNSHINE CLEANERS
4726 WIESE ARTH J ● 232-8659
4735 FRED'S HANDY PANTRY MARKET
GRO 236-9622
4738 WILLIAMS ROBT T ● 236-3654
---SE 48TH AV INTERSECTS
4801 GLENCOE FLORISTS 232-7474
4830 WOOD WOODY
---SE 49TH AV INTERSECTS
4914 BELMONT CONVALESCENT
HOSPITAL 235-3179
---SE 50TH AV INTERSECTS
5024 WILLIAMS ROBT P 234-2463
5034 REIBER HERBERT J ● 236-8974
---SE 51ST AV INTERSECTS
5107 FUCILE JOSEPH ● 232-4247
5112 WEBERG VERNON C ●
5115 RIFE MILLARD G ● 236-9063
5133 ELLERMAN BELLE C MRS ●
235-5152
5135 ROLLING AXEL E 232-0801
5136 BECK GEORGE F ● 236-5380
5219 BELL LAWRENCE J ● 236-3898
5220 YAMASAKI GEO ● 232-5468

208
---SE 53D AV INTERSECTS
5330 LONNER S PETER ● 232-6307
---SE 54TH AV INTERSECTS
5410 BROWN JOSEPH F ● 235-3573
5430 MOORE JOHN W 234-1661
5441 MOUNT TABOR PRESBYTERIAN
CHURCH 234-6493
---SE 55TH AV INTERSECTS
5500 IRVING MASONIC TEMPLE
235-9263
ANGELUS COURT NO 17 (ORDER
OF AMARANTH)
IRVINGTON LODGE NO 185
(FOAM) 235-9263
PORTLAND CHAPTER NO 97 (OES)
235-9263
5505 BARBER LLOYD G 232-9057
5525 SAUSVILLE JEAN C MRS ●
236-6791
5528 PENWARDEN RICHD K 235-2753
5538 OLIVER EDW J ● 236-7133
5541 WREDE THOS L
5602 VACANT
5612 BECK WILDA R MRS ● 236-7131
5617 FRASER A GORDON 236-5104
5619 TRACHI ALF MARINE ENG ●
235-5143

5621 BUTLER JONATHAN M 234-9068
5622 GALLIGANI DEAN L ● 232-3840
5625 COLUMBIA HEALTH FRATERNITY
CLUB 236-9692
KENNEDY J C 236-9692
5631 COOPER ELLERY R ● 235-4019
5632 NEUFELD MARY E ● 235-2538
8644 GARDNER MAXINE E ● 235-3290
5702 ROBERTS LILLIAN N MRS ●
236-7163
5703 VACANT
5714 ARNOLD JAMES E 235-7616
5712 ELY JACK B 236-1470
5714 HOPSON MARGT L MRS 235-4033
5720 RASMUSSEN ETHEL R MRS
236-9049
5722 KOEHLER ELDINA C MRS
235-2540
5730 JENKINS DONNA 236-6253
5732 NELSON MABEL C MRS 235-4403
---SE 58TH AV INTERSECTS
5802 LOLITAROSE APARTMENTS
1 HINKELMAN SHEILA
2 DICKENSON BEULAH
3 GARRIGOS NICOLE
4 VACANT
5 GREGG ANNA
6 BILLHEUR EDW
7 MC CLAIN MARJORIE M MRS
235-4480
8 DAHL RUTH H 236-7579
9 KETEL BERTHA MRS 236-5513
10 RIEMER ROSELLA J 232-7246
11 VACANT
12 KERSEY GEO A 236-6858
5807 HOLMES WALTER J ● 235-3675
5815 BAUER ADELINE I MRS ●
234-4846
5823 KEENAN MARIE B MRS ●
236-6818
5831 HULL ROBT C 234-3530
5834 STRATTON IVAN E ● 234-8306
5843 BIGELOW VIOLA M ●
5844 RADFORD WANDA T 235-2706
5900 THURSTON ISABELLA D MRS ●
232-9023
5901 WILSON EVELYN G MRS ●
236-6491
5912 MC COY HARRY A ● 236-6754
5918 WINDELS JANET O 235-5309
5919 IRVINE WILLIS J PHYS
234-7366
SUMMERS VERNON L PHYS
234-7366
5925 MATHIESEN WILLARD L PHYS
234-7303
RIPPEY WM E PHYS 234-7303
5926 STRATTON JULIA R 234-6713
5935 RADEMACHER ARMD J DENTIST
234-1218
5939 SEATON'S PHARMACY 236-8517
U S P O (SUB STA NO 7)
236-8517
---SE 60TH AV INTERSECTS
6021 BF'S FOR BEAUTY 232-8420
6025 WILDEBOUR GLEN C
CHIROPRACTOR 232-5787
6027 APARTMENTS
1 LAUL OSCAR
2 SWARTZ DONALD A 232-1707
3 WILLIAMSON MARY E MRS
236-0487
4 SANTANA BILL 232-6489
6031 VIC'S FINE FOOD GRO 235-9434
6040 PORTLAND SANITARIUM &
HOSPITAL 235-8671
---SE 61ST AV INTERSECTS
6101 ALLEN GEORGE W PHYS 234-7321
6109 AMHURST APARTMENTS 236-8747
A PALMERLEE LORNA D MRS
232-5903
1 CALDWELL LUTHER 236-8474
102 PFENNING ALICE M MRS
236-6729
104 DAGMAN SOFIA M MRS
235-2623
106 HOWELL VERA V 234-4457
108 OLSON IRENE 235-5994
201 FISCHER WAYNE L MRS
232-4087
202 COULTER KARLYN
203 CONSLEY VIOLET
204 STODDARD ROLAND B
236-0974
205 PERSON BERNICE M 236-7492
206 WEIR GRACE L MRS 234-2362
207 MORGAN IRIS MRS
208 GRAHAM JOHN
301 VACANT
302 WHITE JANICE I 234-8103
303 BISHOP BECKY 232-1872
304 BROWN SHARON
305 HUMPHREYS JESSIE A
232-2793
306 VACANT
307 BOND MINNIE E 236-9768
308 OSBORN SHERI
---SE 62D AV INTERSECTS
6200 PETERSON DOUGLAS H REV
232-5895
6225 MANN EMILY J MRS ● 236-8324
6228 UELAND DOROTHY M MRS
235-8777
6230 KLENNER EDW C ● 234-4626
6247 HAGER MINCHEN 236-6262
6248 KUYENOALL JEAN A ● 232-6037
6302 BENNETT CLEVE 234-6825
6305 CALKINS DOROTHY C MRS ●
236-7016
6315 WENTZ JOHN C ● 236-1005
6333 NILES PERCIE M ● 234-1955
6401 ROOF DAISY P MRS ● 236-5177
6409 HOOVER HARRY A ● 236-5127
---SE 65TH AV INTERSECTS
---SE 66TH PL INTERSECTS

6502 JENNINGS PATK E ● 254-5880
6615 FULSHER REMY W ● 235-5952
6649 GALLIGAN JAMES L ● 236-8404
6654 HARPSTER GERALD T 253-6968
6658 JACOBSON ESTHER A 255-5730
6704 OSTREM TED R ● 255-2628

194
---SE 68TH AV INTERSECTS
6806 SEATON MARY L 255-3048
6815 VACANT
6816 MORRISON GRO A ● 254-2132
6817 KEPHART GLADYS MRS 253-2291
6819 VACANT
6821 VACANT
6833 TABOR MARKET GROC 254-9147
6838 BEAUTY CORNER THE 254-8545
6839 MOUNT TABOR CLEANERS CLO
253-8584
---SE 69TH AV INTERSECTS
6914 RUSSELL EVELYN
6919 NAPOLEON CARRY 254-3646
6920 REID JOHN 253-2188
6925 POLAS EVELYN MRS ● 254-7568
6928 LAKE HORACE ● 253-8978
6933 SPARKS ARTH R ● 254-9514

90
BENJAMIN AV NE -FROM 3345 NE
ACADEMY AV NORTH

8906 ENGOM MELVIN H ● 253-6695
8922 ADCOCK ALVIN L ● 253-6014
9014 MANNS GORDON K ● 282-4935
9019 BOWES SEAL FAST DISTRIBUTORS
254-3555
DEA WM J ● 254-3555
9108 BUSH JAMES T ● 252-5140
9146 DESBIENS PAT R ● 254-4022

145
BENNINGTON DR SW (ARLINGTON
HEIGHTS)-FROM SW FAIRVIEW BLVD
SOUTHWEST NORTHEAST OF HOYT
PARK

---SW FAIRVIEW BLVD INTERSECTS
2910 CHARLTON ROBT G ● 228-0455
2936 PETERSON VERA T MRS ●
227-6260
2944 NEALEY HORACE D ● 228-2498
2948 ALLISON ANABEL T MRS ●
223-0144
2950 HINCHLIFF JOHN ● 228-6740
2959 ZIDELL SAML J ● 223-6494
2966 WHEELER DAVID H ● 222-3974
2974 WIENECKE DAVID G ● 223-1561
2986 COOK ROBT M ● 227-5035
2988 OLSSON ALEX P ● 223-4588
3026 MILLER JAMES F ● 223-1480
3038 SABIN JOHN R ● 223-8968
3046 COLEMAN WALTER J ● 223-3865
3120 FOSKETT HERBERT H ● 222-4539
3150 KUEHN RONALD O ● 223-1854

51
BENTON AV N -FROM N HASSALO NORTH
3 EAST OF RIVER

---N CLACKAMAS INTERSECTS
---N HALSEY INTERSECTS
---N MC MILLAN INTERSECTS
---N CHERRY INTERSECTS
---N BROADWAY INTERSECTS
1514 VACANT
1518 GARDNER HENRY S ●
1520 VACANT
1534 VACANT
1536 CARR CARRIE V MRS ● 288-1691
1550 VACANT
1562 VACANT
---N DIXON INTERSECTS
1611 VACANT
1612 VACANT
1613 JOHNSON JAMES D ● 287-6109
1615 VACANT
1616 VACANT
1617 VACANT
1626 VACANT
1627 MOTT HELEN S MRS
1631 VACANT
1633 VACANT
1634 WILLIAMS EARL R ● 282-8559
1635 VACANT
1637 VACANT
1707 BUSSELL CLAUDE R 284-3717
1708 RICHARDSON JAMES 284-5638
1718 WILLIAMS LELAND D ● 288-4920
1727 VACANT
1728 DAVIS ELMER 281-5940
1733 PRESTON A 284-6219
1734 HOLLINS ROBT N
1736 REAMS HAROLD G 282-6339
1738 SCOTT SAML
1740 HUDSON DILLARD ● 287-8256
1746 VACANT
---N HANCOCK INTERSECTS

111
BERKELEY AV N -FROM 5722 N
LOMBARD NORTH

7512 VINCENT GEO 289-8006
7523 BREWER RICHD 285-2314
7526 NO RETURN
7606 BENNETT JOYCE MRS 285-2619
7607 APPLEGATE CLAIR L ●
7619 HALLUM KARINE H MRS ●
289-0288
7627 WILSON WM G ● 289-9787
7707 AHERN ALBERT M ● 285-7309
7708 CRESAP JOHN E ● 289-6601

7717 COOPER GERALD M ● 289-4693
7803 FABER JOHN P
7827 TOLLIVER HERBERT P ●
7830 VERBOUT BERNARD F ● 285-8971
7906 GULBRANSON ABE J ● 289-5863
7907 LEISTIKO ETHEL MRS ●
FABER FRED J 289-2430
7916 OLSEN OLGA N ●
7917 STAPLETON OPAL V MRS ●
289-9755
8006 TUCKER CECIL N ● 289-7637
8007 LARSON PAUL ● 289-0684
8023 SCHNEITZER HAROLD 285-1237
VOIGHT WM H 285-4006
---N WILLIS BLVD INTERSECTS
8103 DAHLQUIST EMERY A ● 289-1741
8114 ZIMMERMAN BILL 289-2982
8115 TAYLOR ELDRED A ● 289-6822
8130 DUVALL JAMES W ●
8405 BOWERS HUGH D 289-3347
8408 COONS JERRY L ● 285-9579
8417 ARCHERD JOHN ●
8418 DOMINICK ANTHONY K 289-7286

135
---N HOUGHTON INTERSECTS
8909 WINSLOW RUSSELL P ● 289-5835
8923 FLANNERY MARY A MRS ●
289-3970
8926 KLINE RONALD
8930 TINSLEY CARL B ● 289-3792
8937 BOOTHBY H JASPER ● 289-4085
8940 YEAGER DARWIN E ● 289-8577
8950 BURNS GLEN L ● 289-6435
8955 KING JOSEPH W
8966 GOODWATER WM
8973 HOFFMANN SAM G ●
8976 BAILIFF MICHL A ● 289-2278
8985 HUNT WM B ● 289-2321
---N HUDSON INTERSECTS
9014 SCHNEIDER VERNE ● 285-1553
9024 SWEET JACOB G ● 289-6023
9025 KESSLER JOHN F ● 289-0904
9037 VACANT
---N NEWARK INTERSECTS
9104 LA FOLLETTE RONALD E ●
285-8981
9114 SITTEL RICHD D ●
9115 VALENTINE WM D ●
9126 ALDINGER LE ROY ● 285-4038
9132 VACANT
9133 HELM JOHN W ● 285-8066
9217 DANIELS ROBT R ● 285-7152
9220 ROBINSON PHILLIP H ●
289-1756
---N FESSENDEN INTERSECTS
9521 WITTREN THEO D ● 289-2084
9551 SPRAGUE IRA ● 285-7460
9633 TEETER THERLE L ● 289-3015
9641 TEETER BERNARD W ● 285-2240

340
BERKELEY WAY SE -FROM SE 36TH AV
SOUTH TO SE TENINO

3707 ANDERSON OSCAR A ● 771-6578
3735 GREENWOOD MINNIE E MRS ●
774-2117
3818 SPEECE IRVINE R ● 774-3907
---SE 39TH AV INTERSECTS

25
BERMUDA ST NW -FROM A POINT EAST
OF NW MAYWOOD DR WEST 1 NORTH
OF W BURNSIDE

169
BERNARD DR SW (HEALY
HEIGHTS)-FROM COUNCIL CREST DR
SOUTH

4316 MASON HOWARD S ● 223-2980
4317 WILMELH ROBT J ● 228-5312
4327 STEED G RAY ● 222-2069
4334 JACOBSEN ERLING E ● 222-2319
4415 MURPHY JOHN J ● 227-2037
4465 WILLIAMSON WAYNE A ●
222-4631
4470 KONING ARTH F ● 227-2943
4475 SUSSMAN MAURICE D ● 222-3106
4485 CONDIT EARL L ● 223-2083
4505 KING HARVEY E INS AGT ●
223-9950
4515 DEVECKA EDW P ● 227-7800

169
BERTHA AV SW (COUNCIL CREST)-FROM
SW HILLSDALE AV EAST TO SW
BERNARD DR NEAR FAIRMOUNT

4125 FELDEIHEIMER PAUL ● 223-6733
4237 ROSSMAN LOUISE P MRS ●
223-8081
4255 CUSICK EUG H ● 222-1531
4361 STEVENS HENRY C C ● 223-1076
4370 MIKKELSON SOPHUS E ●
227-0746

201
BERTHA BLVD SW -FROM BARBUR BLVD
NEAR SW 10TH NORTHWEST

1015 BURLINGAME VIEW APARTMENTS
246-1820
1 SINGER FOREST D 246-1514
2 WALLACE NANCY 244-2770
3 FLATT E JOSEPH 244-5255
4 NO RETURN
5 HEFFLEY PHYLLIS D 244-4520

WALLACE'S
LINOLEUM — TILE — CARPETING — PAINTS — FORMICA — PROFESSIONAL INSTALLATIONS
GATEWAY 10718 NE HALSEY PHONE 255-1456
2 LOCATIONS OAK GROVE 14200 SE McLOUGHLIN BLVD. PHONE 659-2977

SE BELMONT ST 1965

PORTLAND GENERAL ELECTRIC CO.
Since 1889 helping Oregon People LIVE BETTER . . . ELECTRICALLY
ELECTRIC BUILDING 621 S.W. ALDER, PORTLAND PHONE 228-7181

BEECH ST NE--CONTD
---NE 80TH AV INTERSECTS
8030 HOBBS GLADYS M MRS ● 282-7011
---NE 81ST AV INTERSECTS
8104 HUCKSTEP HARRY G ● 288-3540
8105 HENDRIE PHILIPP R 287-8486
8116 STILES LUELLA MRS 282-8708
8117 MC INTYRE ARTH D ● 287-1093
8127 COOK JACOB N ● 284-2042
8128 KROHN WM H 288-4815
8129 COEN MILTON 282-9951
8130 FRAZIER WM T 288-3324
8132 HACKMAN WALDO J ● 282-0093
8133 FENZL ROSE

90
---NE 82D INTERSECTS
8217 BRUMELS WILLARD E ● 253-0368
8225 NELSON LESTER L ● 254-8685
8226 LANVIK THOS O ● 253-2265
8235 A & H RUG & UPHOLSTERY CLEANERS CARPET CLNS 254-8354
8236 SCHAFFER JACOB W ● 253-1935
8246 TURKINGTON DONALD J JR ● 254-6617
8249 SCHVELKE LESLIE FITZPATRICK MARY L MRS
8301 BACON MICHL J 255-3052
8308 SCHAEFER HAZEL B MRS ● 253-6447
8317 HUDGE STEWART ● 254-2259
8325 LINES JOHN E ● 253-3174
8328 HANSON ALF H ● 254-2920
8346 WALTHARD KENNETH E ●
8347 MC CABE VERN L ● 253-6333
8404 PROFFITT REN O ● 254-2280
8407 HENDERSON JERRY ● 255-1145
8414 PAULUS SHIRLEY G
8425 RENEBERG FLOYD L ● 254-3249
8504 WESTLAND KENNETH A ● 254-2632
8505 SAINT ANGE JOSEPH ● 284-8082
8515 GUFFEY HANK J ● 253-6185
8524 STAUFFER NED P ● 252-4423
8525 HERMANSON ELMO T ● 254-3960
8535 LAMOUREAUX PAUL J ● 254-9829
8536 DUNN ROBT B ●
8540 GAITHER FORREST H ● 253-8104
8545 MATTHEWS ROBT B ● 254-5312
8556 FISHER ARTH E ● 252-1292
8604 DUNN JAMES W ● 254-3440
8605 OLSON JOHN A ● 254-5433
8619 HALL SANITARIUM REST HOME 254-1191
8620 HALL EDGAR L ● 254-1191
REAR STANLEY PHILIP N
8640 DUNN MURREL E ● 253-7988
8641 KENISON FRANK S ● 252-1847
8710 HUME RAYMOND D ● 253-3259
8714 LARSON LESTER G ● 252-7133
8718 SIMONSON DAVID A ● 254-4135
8721 BACHMAN LEO ● 254-8217
8724 FLOYD PAUL ● 253-4570
8731 JAENICKE RALPH ● 252-4817
8734 PERKIN C JOHN ● 254-9507
8741 ENFIELD ROMER H ● 253-6417
8751 THOMAS CARL F ● 253-2341
8761 NIELSEN LAWRENCE ● 254-3582
8824 HAHN WALTER B ● 254-3903
8825 SHINN WAYNE D ●
8835 TAYLOR THOS H ● 252-6553
8840 CARTER DANL L ●
8845 MARTIN MELVIN D ● 255-5402
8855 LOVELAND ROSCOE ● 252-7558
8855½ LARSON ELNA
8860 LAMM DAVID B 255-9753
8865 NO RETURN
8906 FRYE THEO B ● 254-0940

27
BELGRAVE AV NW (WILLAMETTE HEIGHTS)-2 NORTH OF NW THURMAN

117
BELKNAP AV N -FROM 3286 N TERRY NORTH

7816 MC CUNE STANLEY H ● 285-6498
7819 WHITENESS JOHN B ● 289-5180
7824 FULLER NELLIE M MRS ● 289-5076
7827 RALLS OLLIE L JR ● 289-1379
7832 WITTER MANSON A ● 285-8242
7835 ANDERSON CARL E ● 289-0556
7845 FLICK ROBT M ● 289-9752
7852 SPRAWCEW BARBARA MRS ●

168
BELLEVUE AV NE -FROM NE 13TH AV AND NE PORTLAND BLVD NORTHWEST

6505 JACKSON FORREST V ● 287-9343
6506 CHAPMAN LAWRENCE E ●
6514 FORD RALPH C ●

6611 WATSON ROBT S ● 287-5216
---NE GEAN INTERSECTS
6711 FIELDS ALZENA MRS ● 281-5152
---NE OEKUM INTERSECTS
6712 BATTIES SYLVESTER ● 287-6058
6807 WINGFIELD TOMMY 285-3834

174
---NE WOODLAWN INTERSECTS
6912 SCHRAEDER ROBERTA B MRS
6968 CARR FRANCES E MRS ●
---NE ONEONTA INTERSECTS

236
BELMONT ST SE -FROM THE RIVER EAST 1 SOUTH OF SE MORRISON

---SE WATER AV INTERSECTS
83 NEW ITALIAN IMPORTING CO 232-4126
GIUSTI AL C WINE CO 232-4126
---SE 1ST AV INTERSECTS
111 NORTHWESTERN ICE & COLD STORAGE CO (BELMONT PLANT)
129 GOODWILL INDUSTRIES (WHSE)
---E 20 AV INTERSECTS
---SE 30 AV INTERSECTS
---SE UNION AV INTERSECTS

936
---SE GRAND AV INTERSECTS
511 JUNIOR BUILDING ROOMS
201 VACANT
202 MC GILL-CLARKE LWYRS 232-8197
203 VACANT
STREET CONTINUED
521 SPEEDO TACH OF OREGON TACHOMETERS REPR 232-3129
522 K & B AUTOMOTIVE SERVICE AUTO REPR 232-8304
532 COLE RAYMOND B INC LIGHTING EQUIP 236-1996
534 C & S AUTO PAINT & BODY SHOP INC 232-9822
---SE 6TH AV INTERSECTS
600 GELTMAN SPONGING CORP CLOTH SPONGERS 232-1800
627 CUMMINGS TIRE CO (SHOP)
630 O E CO (PLANT)
633 CUMMINGS TIRE CO INC 235-3144
---SE 7TH AV INTERSECTS
700 EXHAUST SPECIALTIES & PARTS INC 235-3171
733 JUSTIN'S SIGNAL STATION GAS STA 235-9346
---SE 8TH AV INTERSECTS
808 GRAND CENTRAL STATION GAS STA 235-9902
815 TURNER LARRY W 234-3907
826 LIGHTHOUSE FISH & OYSTER CO WHOL 235-8747
835 PALM ABRASIVE & TOOL CO WHOL HDW 232-5176
839 VACANT
---SE 9TH AV INTERSECTS
904 KOOP INDUSTRIAL HANDLING EQUIP CO SLS & SERV 234-8188
930 CARUSO PRODUCE EXPRESS TRUCKING 236-8208
935 CARUSO PRODUCE WHOL 232-1119
936 BELMONT TRUCK REPAIR 232-6635

232
---SE 10TH AV INTERSECTS
1004 TUDOR J A & ASSOCIATES INC MFRS AGTS 233-4421
1016 MONTE CARLO RESTAURANT 235-9171
1018 GARDENERS & RANCHERS ASSOCIATION BUILDING 235-3426
COLLINS KENDALL D 235-5116
1020 WENFREE VERNON O
1024 MONTE CARLO LOUNGE COCKTAIL LOUNGE
1030 LIDO RESTAURANT 232-7766
---SE 11TH AV INTERSECTS
---SE 12TH AV INTERSECTS
1206 NU-WAY AUTO LAUNDRY 236-9123
1216 TREASURES TO TRIFLES ANTIQUES 235-0547
1224 APARTMENTS
HUSE LOUIE
1 LARSON HENRY
2 HENSON HENRY
SNYDER EBART W
4 HUSE GLE
5 LONG EVELYN
6 OELRICH OTTO
7 MORRIS JOE
8 EMIL LEE
9 LARSON ANDREW
10 KRAIG MYRTLE
STREET CONTINUED
1232 WILSHIRE TODD 236-0547
1235 NORTHWEST AUTO LEASE 234-7201
NORTHWEST RENTALS OFC EQUIP 234-7201
LEASE NORTHWEST INC CAR & EQUIP RENTALS 234-7201
---SE 13TH AV INTERSECTS
1305 JACOBSON OMER T CONSULTING ENG 236-5334
1313 MC KINLEY EDITH L 236-2579
1316 RICHTER EDWINA M ● 232-5305
1317 MAPLIN DONALD W 236-7122
1323 LUNDQUIST RICHD O
1335 APARTMENTS
1 GASSARD DENNIS
2 KUETHER EDWIN H
3 VACANT
4 VACANT
5 OLIVER ANNIE
1336 DOUGLAS ROBT A 236-3588
1337 BUCK IRENE G MRS
---SE 14TH AV INTERSECTS
1407 SIGNAL OIL CO (BR) 234-9383
1410 DUKE OF YORK APARTMENTS
BSMT MARK JAMES G
101 HOORMAN ELISABETH G 232-6511
102 VACANT
103 HENDRIKSEN CHRISTINE J MRS 235-0338
104 TURNER HELEN R 236-9607
105 HEMKE JOHN R
106 MILLER KENNY J 235-6233
107 HUBER H
108 SCHALES GEO
109 MENDENHALL FLOYD A 235-5722
110 CLARK GLENN E
111 SCHAHL VERA MRS 234-2177
112 CHAPMAN DONALD A
201 HARRELL HATTIE 234-3778
202 STOKES MARY K
203 HOLMAN ORLO J 234-5512
204 MADISON DOUGLAS G 234-1520
205 BAKER CHARLES
206 PROUDFIT HAZEL M MRS 234-6136
207 GORANSON ERIC E
208 BENSON CORRINE J 235-2518
209 BRIDGES HARRY R 236-5829
210 KEYES MARGT 234-5929
211 WAYNE JAMES F 235-3582
212 ORR JEAN
301 DORNEY GEO E 232-8557
302 JACKEETA LAURA
303 BUNCH MONTE 235-6906
304 PIGG EDITH H MRS 235-6343
305 HARMON INGWALD H 232-6756
306 HENRY EDNA E 235-1409
307 RASOR ORVILLE
308 NO RETURN
309 WILLIAMS EDNA 232-2634
310 FOX R
311 DREWNIAK DOROTHY H MRS
312 JACKSON CHARLES V 232-1295
STREET CONTINUED
1422 LOVE EUG B 235-7326
---SE 15TH AV INTERSECTS
1503 FAZIO PATRICIA MRS
1506 COSTELLO JOHN P ● 236-3242
1509 BUSHAW JOSEPH H 232-4437
1514 HAMLETT WALTER G ● 232-0084
1517 LANDERS JESSE C
1522 JANAC DOROTHY E 234-4426
1524 VACANT
1525 MEADOWS EDW J 234-2089
1535 KALLIMANIS PHOENI MRS 235-7436

230
---SE 16TH AV INTERSECTS
1604 TURNER WM P 235-7910
1608 NO RETURN
1611 PEMBROOK APARTMENTS 232-7421
101 KARLE PAUL
102 ROBINSON TONI
103 CULP DAVID A 232-0717
104 TAYLOR J L
201 CASSEL GLENA
202 VACANT
203 BROOKHOUSE WM J 232-5515
204 MC KALE PATK
205 OE GERMAN CHARLES
206 WHISTLER NELO
301 LARSON KATH A MRS 236-4850
302 NORDSTROM ERIC 232-2318
303 DAVENPORT WARREN
304 VACANT
305 LUTKEMEIR AMELIA
306 JONES FRED 234-8860
STREET CONTINUED
1618 HOLLIN ELLA E MRS
1625 WALORSKI CHESTER
1626 MARTSELL JOHN L 232-1865
1627 REAM OSCAR 235-5702
1631 VACANT
---SE 17TH AV INTERSECTS
1704 PARKS ANNETTE D MRS 232-5688
1706 FREDERICK PAUL N 234-8896
1710 PICKARD ROLAND J
1716 PITTS STEVEN D 236-7949
1718 TORGERSON OLGA A MRS 232-9866
KOLOUSEK FERRIS L MRS 236-4044
1728 MC GLOTHIN MILDRED 232-1581
MC PHERSON MARY 232-7825
1733 COOKE HAROLD J ● 232-6440
1734 REDNOUR THEO C ● 232-3807
1738 COOKE'S BRAKE SERVICE 232-6440
1742 NOURSE PAUL ● 232-8804
---SE 18TH AV INTERSECTS
1818 LUSK BEULAH L
PENISTON AGNES W
1832 HARDER ALMINA M MRS ● 232-8711
1875 MATTESON GLENN CO INC PHARMACEUTICAL PROD 234-7391
LONGWORTH TED CO HEALTH FOODS 234-7391
---SE 19TH AV INTERSECTS
1919 EASTMAN KODAK STORES INC 234-9272
---SE 20TH AV INTERSECTS
2003 RAOKE'S RICHFIELD SERVICE GAS STA 234-5211
2021 RAOKE'S U-HAUL RENTALS
2034 MURPHY DARLENE 236-3109
2035 VACANT
2038 VACANT
2046 VACANT
2051 YAZZOLINO JERRY 232-6115
---SE 21ST AV INTERSECTS
2100 PLYWOOD DISTRIBUTORS INC SLS RET 232-3520
2103 WOOD JOHN M
2109 LEIGHTON JOHN ● 235-7062
2116 REED JOHN L ● 235-6263
2119 BELMONT FLORAL CO 235-7062
2122 LUND WAYNE R
2124 MARPLE BERRY S 232-5534
2125 NO RETURN
2126 THEAD JOHN W 236-4219
2128 GILMER LA VERGNE F 232-3001
2136 VACANT
2139 TICE ELECTRIC CO CONTRS 235-8456
2140 OPSAHL GERALD F CHIROPRACTOR ● 236-2989
2146 DOWLING COLISTA MRS ● 232-4856
---SE 22D AV INTERSECTS
2208 PETERSON EUNICE M MRS ● 236-0014
2214 LIVELY REALTY REAL EST 234-0261
2215 CLARK AMOS H 235-1630
2222 DAVIDHIZAR ROSCOE R ● 236-0395
2223 HRUBY EDW J WHOL CANDY 235-1858
MILLER LYLE F
2231 VACANT
2236 INDEPENDENT PRINTING CO 234-7535
2237 VACANT
2239 GUSTAFSON PAULINE A MRS 234-7761

224
---SE 23D AV INTERSECTS
2304 FLANAGAN'S REPAIR SHOP AUTO REPR 235-9731
2324 COLUMBIA COPY CO REPRODUCTION MACHY 235-8701
2327 BABCOCK BILL J JR
2331 KIPP JOHN F
2336 MILLER DOUGLAS 235-5358
2339 HART JESSIE M ● 232-5532
HART MAE N MRS
2341 LORENTZEN WM J 234-1588
2344 FARLIN ELMER W ● 236-0945
2402 GOLDEN SEWING MACHINE CO 236-0575
GOLDEN WM J ● 236-0575
2403 BIRD ELIZ A ● 232-8528
2411 WICKS BARBER SHOP
2412 VACANT
2423 HANSEN CARL L ● 232-6247
2426 THARP ANNA M MRS ● 232-4044
2431 FARLEY MABEL ● 236-4975
2434 CAGE RICHD A ● 232-2003
2435 HEMBLING BRUCE H 232-3647
2440 CRUMM SIDNEY H ● 232-8966
2442 BRODIGAN JAMES 232-7737
2445 HUSSEY HAROLD
2450 INSTRUMENT SCOPE SHOP (STGE)
2452 VACANT
2454 INSTRUMENT SCOPE SHOP THE SCIENTIFIC INSTRUMENT REPR 232-5218
---SE 25TH AV INTERSECTS
2502 TECHNI PHOTO COMMERCIAL PHOTO 234-3689
2508 MANSFIELD ELIZ MRS 235-0281
2510 DIX EARL A JR
2510½ CANFIELD ALLAN M
2511 NICHOLAS CONRAD W ● 236-2982
2512 RICHARDSON MYRON E 236-4945
2518 BRUG HARRY C 232-7623
2519 EIGHT TO ONE STORE NO 1 GRO 235-9800
2520 COONS LILLY L
2522 MC KENZIE JUDITH J 234-6061
2524 NO RETURN
2526 VACANT
2527 WALLS FREEMAN H 235-6256
2533 GARRETT LEO R
2534 BELMONT CHAR-GLO RESTR 236-8283
2535 DE CLARK RADIO 234-8776
DE CLARK EARL M ● 234-8776
---SE 26TH AV INTERSECTS
2600 HONEYWELL INC REGULATOR MFR 235-8411
2622 HANIGAN'S FORTY-THREE TAVERN 235-9895
2623 ANDERSON GRACE J MRS
2624 SHAW DONALD J ●
2626 STOCKMAN NETTIE
2628 SLEEP RITE MATTRESS CO 234-5952
2637 DAVIS MARION AUTO SERVICE REPR 232-4928
---SE 27TH AV INTERSECTS
2701 LITHOPLATE INC LITHOPLATES 232-5805
2703 GARRICK NELLIE M MRS ● 332-3788
2705 HORTON ESTHER M 236-6163
2707 ART PAK PRODUCTS ART SUPS 236-6829
2714 GRIMES ENCO SERVICE GAS STA 235-2614
2715 KATSULES CATH E MRS ● 235-4831
2732 FERTE THOS L
---SE 28TH AV INTERSECTS
2801 WEST LUCIA
2808 CALBREATH MARY E ● 232-2914
2822 CRAM ELMER E ● 236-0784
2828 VACANT
2829 BELVEDERE APARTMENTS 235-4404
101 ROBERTS RICHD
102 HURRELL VERNE C MRS 232-4263
103 PETRE BULEA
104 WARKMAN B MILDRED MRS 234-6751
105 HARRIS ERNEST W 232-6481
106 KYLE MILDRED MRS 236-1543
107 WATSON LOUISE W 236-3795
108 CASCIATO HENRY
109 SPENCE FERN

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---NE 24TH AV INTERSECTS
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2415 RICHARDS EVA R MRS ● 282-8891
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2418 VACANT
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2435 KERRON HERBERT F ● 281-1864
2442 SUMPTER CLAUDE R 281-2647
2445 FIELD MARTHA L MRS ● 281-0233
2502 CUTHBERT RICHD E ● 282-5152
2507 BEELAR JOHN J ● 281-8136
2515 FELDMAN CASPER 288-4410
2516 WITTEMAN J GILBERT ● 281-3146
2526 MERCER HARRY R 287-2012
2529 APARTMENTS
1 GRONNERT LOUISE MRS 282-7847
2 LAVELLE CLAIRE F 288-2149
3 VACANT
4 LARSON ELIZ MRS 287-0760
2534 HARRIS BOYD L 288-1900
2537 YEAST JACQUES C ● 286-4224
2545 HARSANYI FEODR L 288-2709
2546 HALLBERG AL C ● 281-1452
2604 FERRIS MARY L MRS ● 281-9172
HAYES HELEN ● 287-0358
---NE 26TH AV INTERSECTS
2607 ENDUST HERTON L ● 287-8670
2614 LENON LOREN A ● 282-6978
2617 SWANN CHARLES R ● 282-1070
2623 JARVIS NICHOLAS C ● 281-8649
2624 VACANT
2633 HOOD GORDON S ● 282-9940
2645 CARNEY PAUL F ● 287-0345
---NE 27TH AV INTERSECTS
2702 VACANT
2707 NATION WM J 287-3187
2716 FIELDS ELEANOR B MRS ● 282-7509
2717 EDWARDS JUDY K ● 284-6185
2718 BOURNE NICHL A 281-5035
2726 WILDER ROY D ● 287-5985
2729 VACANT
2734 VACANT
2735 SYMONS HARRY
2740 MIJO FRANCIS J 281-4870
---NE 28TH AV INTERSECTS

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---NE 31ST AV INTERSECTS
3124 WILSON RUTH E MRS ● 235-3405
3134 LUNDQUIST ERNEST R 232-9331
3135 NEWTON ROBT L 235-2694
KLEPSTEIN LILLIAN MRS
3142 HOOVER RUG & UPHOLSTERY CLEANERS 235-5252
HOOVER ELLIS L ● 236-5894
3143 HOBBS ERNEST W ● 234-8395
3203 NEWTON EVERETT L ● 234-8734
3204 RUFLI ARTH C ● 234-7695
3214 BURKE EARL E ● 234-8354
3215 WINFREE VERNON O
3224 HOPPLE LEONA V MRS ● 235-4820
3225 SELLARS WM E ● 236-3982
3234 ANDERSON WM C 232-0013
3235 DENTON NEAL E ● 234-5565
3243 MEYERS CORNELIUS W ● 232-9273

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---NE 33D AV INTERSECTS
3305 WISEMAN HARRY T 235-5962
3317 VACANT
3322 STANLEY HOME PRODUCTS INC 234-8338
3325 HILSENBECK FRED
3337 FIELITZ EDW M CHIROPRACTOR ● 234-5995
3345 MC CLAMERY GEO H
3355 WAKE ARNOLD J & SONS PAINTING CONTR 234-4255
3367 VERNSTROM IDA MRS ● 234-5932
---NE SANDY BLVD INTERSECTS
---NE IMPERIAL AV INTERSECTS
3507 BETTS ROBT L ● 234-8014
---NE SENATE INTERSECTS
3E40 SINGLETARY RITA MRS ● 234-5824
3602 VACANT
3615 JORGENSEN VICTOR A ● 232-8829
3616 SALING JANE G MRS 236-9910
3624 FALLON THOS A ● 232-3486
3625 KANE MORRIS ● 234-2385
3636 BAY LEONA C MRS ● 234-6355
GILLIS BARBARA J 234-6355
3646 GRIGG PARLEY P
3651 THOMAS LELA L 234-5124
3656 ELLIOTT BEATRICE J MRS ● 234-9135
3659 HEMMING FLOYD P ● 234-5144
---NE 37TH AV INTERSECTS
3705 KORFF MARK L ● 234-7684
3717 HOFF THEO ● 234-4845
3725 GILBERT GEORGINA H MRS ● 234-9104
3734 MORGAN ALBERT D ● 234-0053
3737 VAUGHN JACOB J ● 232-2A07
3747 MUIR DONALD M ● 234-5667
3755 KNAUSS HARRY
3813 SWANSON HAROLD E ● 234-6002
3814 DRISKELL HAL E ● 236-0553
3819 BROWN THOS K ● 234-1279
3831 LISKA AD ● 234-5594
3839 FOX JOSEPH ● 234-5615

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---NE 39TH AV INTERSECTS
---NE 47TH AV INTERSECTS
4721 POTTER WILLIS F ● 281-2870
4727 COATES ROBT T ●
4730 POWELL ARLINE MRS ● 287-6697
4737 VACANT
4744 SCHUR SOPHIE MRS ●
4745 DOLAN THOS J ● 282-6756
4754 SMITH ERNEST E ● 288-3336
4757 LASSELLE MARTHA A MRS ● 282-7514
4762 SEWELL LELAND E ● 281-0701
---NE 48TH AV INTERSECTS
4800 WRIGHT DONALD E ● 284-6197
4803 BALLARD HARRY D ● 287-4917
4814 ARNOLD EUG J ● 281-6480
4815 GURNEE DONALD H ● 252-2760
---NE 49TH AV INTERSECTS
4927 CARLILE CLAUDE W ● 287-6779
4928 PARROTT DENNY N ● 284-6750
5005 REAMER AL M ● 288-3721
5012 DORAN DANL C ● 282-1811
5024 ZENNER GEO P ● 282-9526
---NE 51ST AV INTERSECTS
5124 TROTTA THOS C ● 288-2425
5125 ALLMON LEE 282-2917
---NE 52D AV INTERSECTS
5224 HEIDEMAN FRANK H ● 286-1279
5225 DUHON IRENE P MRS ● 284-1792
5229 ZULEGER FRANK L ● 288-4179
5230 PEW LOIS J ● 282-6266
---NE 53D AV INTERSECTS
5323 KALAAU DEANNA 281-7481
5324 HJORTH OLAF ● 284-2083
5333 GERLACH JACK L ● 288-2152
---NE 54TH AV INTERSECTS
5404 DAVENPORT MERLE H MRS ● 288-4158
5420 PERSSON ANDREW O ● 281-4924
5421 HANKE HOWARD H ● 281-9354

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---NE 57TH AV INTERSECTS
5714 HOPPER HENRY L 282-9844
5728 PAGE CLAUDE W 288-2627
---NE 58TH AV INTERSECTS
5833 YOUNG ARTH L ● 281-9588
---NE 59TH AV INTERSECTS
6023 STEWART WM M ● 282-2610
6030 LOW THOS A 287-2271
6034 ROY LEIGHTON E
---NE 61ST AV INTERSECTS
6103 GRIBLING ALONZO C ● 281-6703
6107 GRDTJOHN DONALD W 282-3954
6109 RICHARDSON GARY E
6111 ANDERSON CLARENCE D ● 282-6521
6114 THOMSON EARL W ●
6115 MUTCHLER ALMA MRS 288-4309
6117 DECKER EMMA 282-8266
6125 HANSEN JOSEPH T ●
6137 DEPNER ELIZ MRS 281-0556
---NE 62ND AV INTERSECTS
6205 GLYNN JOSEPH L 282-3784
6206 GRAN KATH E E 288-3275
6214 BLANC FREDERIC E ● 282-4654
6215 JOY LA VERNE C MRS ●
6225 JOHNSON JUANITA L ● 284-6905
6226 CROSBY RICHD L 282-6486
6240 HILYARD VIVIAN H ● 281-7167
6241 ARN WESLEY F ● 282-6378
6248 WAGGONER HAROLD J ● 287-5273
6249 HOYT GLORIA 282-3068

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---NE 820 AV INTERSECTS
8222 UNDER CONSTN
8224 UNDER CONSTN
8250 SIMON ELZA W ● 253-5238
8262 AKELSEN ALF H ● 253-0046
8304 WREN EARL A ● 253-9421
8314 REED ROY F ● 254-4220
8324 MOORE JOHN A ●
8344 DAVIS JEANNE MRS ● 252-9547
---NE 84TH AV INTERSECTS

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WASHBURNE AV N --FROM 3737 N WILLAMETTE BLVD NORTH

---N WILLAMETTE BLVD INTERSECTS
7119 PEARCE EARL B ● 285-1984
7120 VACANT
7134 HOLLIS EMMA E MRS ● 289-3253
7135 MITCHELL EVERETT A ● 289-0760
7145 SCHILT MORTON M ● 289-4040
7148 TRICKER GORDON L ● 289-1333
7204 SESTAK LOUIS ● 285-1329
7205 MACNAB WM M ● 285-7635
7212 PECK GERALD C ● 289-5935
7215 HAEN EARL R ● 253-8171
7224 MILES GEO W ● 285-8645
7225 FEIG MYREN ● 289-8083
ROGERS GRANT C 289-5064
7234 JACOBSON RAYMOND M ● 289-1086
7237 QUINN CORNELIUS E ● 289-1506
7242 BAUER FRED M ●
7301 LYONS VIVIAN D MRS ● 289-2670
7306 BUTLER CLAUDE F ● 289-8409
7313 BROWN LLOYD E ● 289-4856
7324 CLEAVER WALLACE C ● 289-6273
7327 HUSETH HELMER O ● 289-0911
7336 ANDERSON INGVAR E ● 289-2488
7337 BARNES CECIL J ● 289-4912
7408 BILYEU WM J ● 289-7373
7409 THOMPSON GUY S ● 285-8568
7418 MYERS IDA B MRS ● 289-0288
7419 VANDERVEEN CHRISTINE C MRS ● 289-4036
7431 EBERTING MARVIN E ● 285-9588
7438 JORDAN PHILLIP A ● 289-6693

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---N LOMBARD INTERSECTS
7527 NICKOLOPOULAS GEO ●
7535 GRAY ANNA B ● 289-4617
7547 ABBOTT WM C ● 289-7918
7555 MILLER ORVILLE L ● 289-2627
---N RUSSET INTERSECTS
7611 BOWLEN TRUEMAN A ● 289-6159
7621 ABRAHAM ARTH ● 289-7865
7629 REED RALPH E ● 285-5810
7639 BOSSON ASHFORD M 111
7643 PORTER JOSEPH T REV ● 289-4716
7649 HOPKINS JAMES E ● 289-5148
---N BALDWIN INTERSECTS
7676 CALLISON JAMES E ● 289-4414
7681 OLSON LEONARD ● 289-2604
7686 SIMONS WALTER N ● 289-2866
7689 LANGAGER JOHN ● 285-4227
7695 MAC KINNON DE WITT N ● 289-4171
---N FARRAGUT INTERSECTS
7707 WILBER DALE R ● 289-6021
7710 YOUNG JOSEPHINE MRS ● 289-9579
7717 HUGULET LOUIS H ● 289-4407
7805 RASMUSSEN ANNA I MRS ● 289-2847
7817 INSKEEP WALTER P ● 285-2176
7818 LINDSAY ROBT W ● 285-1703
7828 DODGE CHARLES E ● 285-5815
7844 JAMES WM S ● 285-8873
7845 FERGUSON JAMES A ● 289-2091
7854 HAMREN ELSIE C MRS ● 289-3386
JOHNSON LELAND J
7865 JONES IVAN J ● 285-4722
---N WINCHELL INTERSECTS
7900 QUIST FRED J ● 289-3341
7905 MEADE ORLIE B ● 289-3237
7916 STEUER JOHN E ● 289-5259
7919 MASON CLARENCE A ● 285-8698
7924 THACKER SELMA E MRS ● 289-5996
7929 POETSCH CARL F ● 289-0961
7936 DICKERSON FULLER S 288-7218
7937 TAYLOR HERBERT A ● 289-5609
7948 WESTERHOUT GEO A ● 289-2850
8006 ALSOBROOK TONI ● 285-1718
8011 PATTERSON JOSEPH E ● 285-3477
8016 MATTS MAINTENANCE JANITORIAL SERVICE 289-0725
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8017 HARLIN ERNIE W 289-5054
8024 BIEDERMAN LEOTA M MRS ● 289-9515
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8040 SCHMID CLARK F ● 289-3598
8101 BOOTHBY DANL F ● 289-0654
8110 RADISH ARCHIE A ● 289-5407
8111 SMITH MARSHALL S ● 289-0713
8118 HARVEY CHARLES E ● 289-9681
---N KILPATRICK INTERSECTS
8205 MITCHELL WM R ● 289-0308
8204 HARVEY JOE ● 289-6975
8209 KERN ROBT J ● 285-8182
8225 CLUGSTON GEO G ● 285-4188
8226 LEWIS ALBERT M ●
8261 STEINMETZ ALEX L ● 285-4383
8267 BAUM OLIVE MRS ● 289-3552
8270 NINEAU HOWARD D ● 289-3258
8275 FRAME ROLAND M ● 285-7084
8289 BRYAN HAROLD ● 289-7295
---N ARLINGTON PL INTERSECTS
8303 LUND CHRISTIAN C ● 285-5195
8312 LEGGROAN RUSSELL M ● 289-1740

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---N WILLIS BLVD INTERSECTS
---N TRENTON INTERSECTS
---N ATTU INTERSECTS
---N COLUMBIA BLVD INTERSECTS
8504 DUNCAN JAMES L ● 285-5932
8505 ERVINE ALBERT E ● 285-5002
8529 BREKKE BJARNE M 289-1912
8612 HENRY EVERT B ● 289-6001
8626 COPELYN SARAH L MRS ● 285-8625
LYTLE FINDLEY W
8635 FIELD FRENA ● 285-5891
8638 BUERKLE ADAM N ● 285-8937
8653 LOVEN VERNON ● 285-4418
---N FOWLER CT INTERSECTS
8702 CARTER DONALD R ● 285-4854
8714 GUERINS JAMES C ● 289-6783
8715 DE HAAS DENNIS M ● 285-2261
8722 MOORE JOE J ● 285-2210
8727 LATTIN LEE
---N CHAUTAUQUA INTERSECTS

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WASHINGTON ST SE --FROM WILLAMETTE RIVER EAST 2 NORTH OF SE MORRISON

---SE WATER INTERSECTS
---SE 1ST AV INTERSECTS
---SP CO TRACKS CROSS
66 ZEERO ICE CO INC 234-0491
66 HENNINGSEN ENTERPRISES INC REAL EST INV 234-9511
NORTHWESTERN ICE & COLD STORAGE CO WHSE 234-9511
PARAGON PACKING CO CANNERS 234-9511
73 ZEERO ICE CO INC (PLANT)
107 B & D WAREHOUSE 232-4181
125 GENERAL MILLS INC SPERRY OPERATIONS (WHSE) 232-9121
139 GENERAL MILLS INC 232-9121
---SE 20 AV INTERSECTS
201 WEBFOOT FERTILIZER CO INC 232-5189
---SE 30 AV INTERSECTS
302 PACIFIC COAST FRUIT CO WHOL 234-6411
307 FISHER FLOURING MILLS CO 232-4104
---SE UNION INTERSECTS
423 TRI-STATE TRUCKING SERVICE 235-8551

938

---SE GRAND AV INTERSECTS
---SE 6TH AV INTERSECTS
---SE 7TH AV INTERSECTS
704 PITTSBURGH PLATE GLASS CO 232-8188
777 PARTS SERVICE CO AUTO WHOL 232-6145
815 TERRACE COURT APARTMENTS 235-9339
101 BOYCE EARL E
102 SCOTT HERMAN F
103 ROSENBERG CLARA
104 MOFFIT WM E
105 VACANT
106 STRAUSSER DAVID
107 HOLLAND EMMA
108 BONNER JAMES
109 PETERSON WM
110 IRELAND HERBERT
111 NOGA ALLAN
112 DOBROWSKY HERMAN 234-7060
114 LLOYD RICHD G 236-6112
115 MC MAHILL FLORENCE
116 KUCON IRENE 232-7539
117 VACANT
118 VIKE EMMA MRS
119 GLATFELTER DAVID
120 VACANT
121 CLAYTON JAMES
122 JENNINGS ALBERT
123 HETTRICK FRED
124 VACANT
125 JOHNSON ELMER
126 WYATT MINTA
127 TENNANT MELVIN E
201 VANDERPOOL KATH
202 MC LAUGHLIN JOHN
203 PUTZIV JOHN 232-2600
204 WHITE STEWART
205 VACANT
206 MALONEY CRYSTAL MRS 234-1827
207 BIXLER BARBARA M MRS
208 VACANT
209 TIMMONS DE MAR
210 KARJALAINEN MARIE
211 NORDEEN WALTER
212 BINNS FRANK
214 VAUGHN EVELYN
215 HINTON WM H 236-0617
216 BUFTON WINONA
217 VACANT
218 WEEKS WM 232-6837
219 MATZENBACH CHARLES
220 WIEDERSPAN JACK
221 CLOUD ALICE
222 BROWN WALTER
223 PATCH MARY L 232-7045
224 KING LEO A
225 NEILSON ARVOLD H
226 KNIGHT SUNNER C 235-8235
227 BUCKMAN CECIL A
STREET CONTINUED
840 LOMA LINDA FOOD CO WHOL 236-5677

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---SE 10TH AV INTERSECTS
1000 VACANT
1005 LEWIS BROS INC WHOL MEAT 234-5284
1006 VACANT
1012 DAVIS WM M 234-2148
1014 THOMAS H L CABINET SHOP 234-2148
1034 NYLETA COURT APARTMENTS
2 FISLER EUG W
3 DENNIS MAXINE F MRS 234-9116
4 POTTER DUANE
5 NEGRAVEL MARGT R
1035 SHEPHERD WM M 234-2398
1037 HALEY JEAN MRS 232-9793

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---SE 11TH AV INTERSECTS
---SE 12TH AV INTERSECTS
---SE 16TH AV INTERSECTS
1605 KUPERSMITH MILTON ●
1621 CAROL APARTMENTS
WOLFERT MARY J MRS 235-6146
1623 BLACK W MARTIN 232-9883
1625 STAUTON JOHN
1627 RUPP DOROTHY L 236-4050
1631 CROPP FERN 235-4832
1633 TETERS DAVID
1635 BOYLE IRMA C MRS 236-4880
1637 VACANT
1641 POLTSCH RON 236-0609
1643 SANTESSON DARREL 236-6173
1645 NO RETURN
1647 SMITH KAREN L 235-0570
---SE 17TH AV INTERSECTS
1710 DAGGETT DONNA
---SE 18TH AV INTERSECTS
1803 BURK THOS T ●
1809 HENDERSON ROBT H ● 232-3979
1815 HERRICK HOWARD A P ●
1817 DING MUN H ● 235-0231
1823 LAI NEW HUNG ● 235-2075
1831 VACANT
1833 NO RETURN
1835 SEVIGNY,DAVID G EMP

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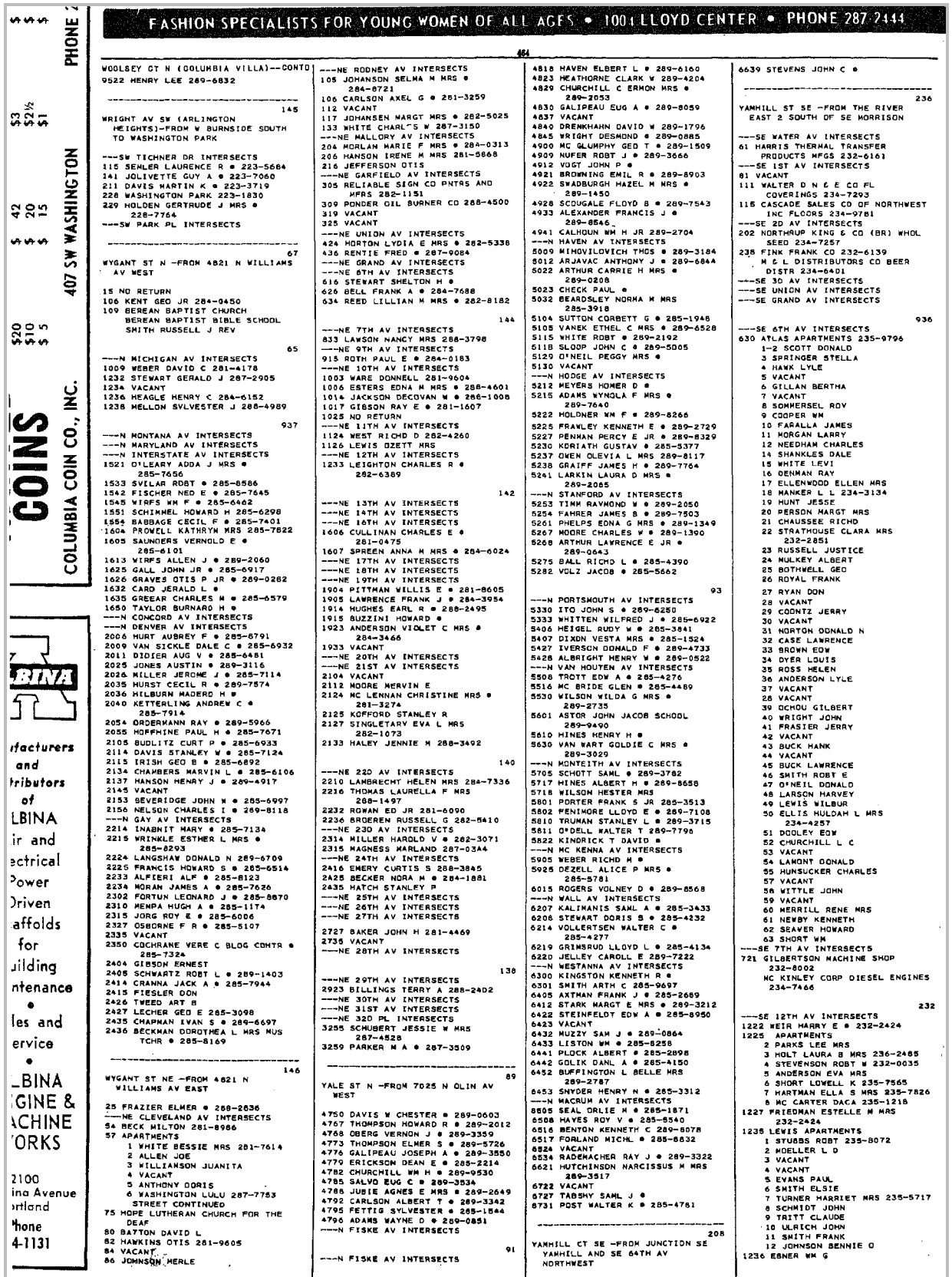

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9522 HENRY LEE 289-6832

145
WRIGHT AV SW (ARLINGTON HEIGHTS)-FROM W BURNSIDE SOUTH TO WASHINGTON PARK

---SW TICHNER DR INTERSECTS
115 SEMLER LAURENCE R • 223-5684
141 JOLIVETTE GUY A • 223-7060
211 DAVIS MARTIN K • 223-3719
228 WASHINGTON PARK 223-1830
229 HOLDEN GERTRUDE J MRS • 226-7764
---SW PARK PL INTERSECTS

67
WYGANT ST N -FROM 4821 N WILLIAMS AV WEST

15 NO RETURN
106 KENT GEO JR 284-0450
109 BEREAN BAPTIST CHURCH
BEREAN BAPTIST BIBLE SCHOOL
SMITH RUSSELL J REV

65
---N MICHIGAN AV INTERSECTS
1009 WEBER DAVID C 281-4178
1232 STEWART GERALD J 287-2905
1234 VACANT
1236 HEAGLE HENRY C 284-6152
1238 MELLON SYLVESTER J 288-4989

937
---N MONTANA AV INTERSECTS
---N MARYLAND AV INTERSECTS
---N INTERSTATE AV INTERSECTS
1521 O'LEARY ADDA J MRS • 285-7656
1533 SVILAR ROBT • 285-8586
1542 FISCHER NED E • 285-7645
1545 WIRFS WM F • 285-6462
1551 SCHIMMEL HOWARD H 285-6298
1554 BABBAGE CECIL F • 285-7401
1604 PROWELL KATHRYN MRS 285-7822
1605 SAUNDERS VERNOLD E • 285-6101
1613 WIRFS ALLEN J • 289-2060
1625 GALL JOHN JR • 285-6917
1626 GRAVES OTIS P JR • 289-0282
1632 CARD JERALD L •
1635 GREEAR CHARLES M • 285-6579
1650 TAYLOR BURNARD H •
---N CONCORD AV INTERSECTS
---N DENVER AV INTERSECTS
2006 HURT AUBREY F • 285-6791
2009 VAN SICKLE DALE C • 285-6932
2011 DIDIER AUG V • 285-6481
2025 JONES AUSTIN • 289-3116
2026 MILLER JEROME J • 285-7114
2035 HURST CECIL R • 289-7574
2036 HILBURN MADERD H •
2040 KETTERLING ANDREW C • 285-7914
2054 ORDERMANN RAY • 289-5966
2055 HOFFHINE PAUL H • 285-7671
2105 BUDLITZ CURT P • 285-6933
2114 DAVIS STANLEY W • 285-7124
2115 IRISH GEO B • 285-6892
2134 CHAMBERS MARVIN L • 285-6106
2137 HANSON HENRY J • 289-4917
2145 VACANT
2153 BEVERIDGE JOHN W • 285-6997
2156 NELSON CHARLES I • 289-8118
---N GAY AV INTERSECTS
2214 INABNIT MARY • 285-7134
2215 WRINKLE ESTHER L MRS • 285-8293
2224 LANGSHAW DONALD N 289-6709
2225 FRANCIS HOWARD S • 285-6514
2233 ALFIERI ALF • 285-8123
2234 MORAN JAMES A • 285-7626
2302 FORTUN LEONARD J • 285-8670
2310 MEMPA HUGH A • 285-1174
2315 JORG ROY E • 285-6006
2327 OSBORNE F R • 285-5107
2335 VACANT
2350 COCHRANE VERE C BLDG COMTR • 285-7324
2404 GIBSON ERNEST
2405 SCHWARTZ ROBT L • 289-1403
2414 CRANNA JACK A • 285-7944
2415 FIESLER DON
2426 TWEED ART B
2427 LECHER GEO E 285-3098
2435 CHAPMAN EVAN S • 289-6697
2436 BECKMAN DOROTHEA L MRS MUS TCHR • 285-8169

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WYGANT ST NE -FROM 4821 N WILLIAMS AV EAST

25 FRAZIER ELMER • 288-2636
---NE CLEVELAND AV INTERSECTS
54 BECK MILTON 281-8986
57 APARTMENTS
1 WHITE BESSIE MRS 281-7614
2 ALLEN JOE
3 WILLIAMSON JUANITA
4 VACANT
5 ANTHONY DORIS
6 WASHINGTON LULU 287-7753
STREET CONTINUED
75 HOPE LUTHERAN CHURCH FOR THE DEAF
80 BATTON DAVID L
82 HAWKINS OTIS 281-9605
84 VACANT
86 JOHNSON MERLE

---NE RODNEY AV INTERSECTS
105 JOHANSON SELMA M MRS • 284-8721
106 CARLSON AXEL G • 281-3259
112 VACANT
117 JOHANSEN MARGT MRS • 282-5025
133 WHITE CHARLES W 287-3150
---NE MALLORY AV INTERSECTS
204 MORLAN MARIE F MRS • 284-0313
206 HANSON IRENE M MRS 281-5668
216 JEFFERSON OTIS
---NE GARFIELD AV INTERSECTS
305 RELIABLE SIGN CO PNTRS AND MFRS 282-1151
309 PONDER OIL BURNER CO 288-4500
319 VACANT
325 VACANT
---NE UNION AV INTERSECTS
424 HORTON LYDIA E MRS • 282-5338
436 RENTIE FRED • 287-9084
---NE GRAND AV INTERSECTS
---NE 6TH AV INTERSECTS
616 STEWART SHELTON H •
626 BELL FRANK A • 284-7686
634 REED LILLIAN M MRS • 282-8182

144
---NE 7TH AV INTERSECTS
833 LAWSON NANCY MRS 288-3798
---NE 9TH AV INTERSECTS
915 ROTH PAUL E • 284-0183
---NE 10TH AV INTERSECTS
1003 WARE DONNELL 281-9604
1006 ESTERS EDNA M MRS • 286-4601
1014 JACKSON DECOVAN W • 286-1008
1017 GIBSON RAY E • 281-1607
1025 NO RETURN
---NE 11TH AV INTERSECTS
1124 WEST RICHD D 282-4260
1126 LEWIS OZETT MRS
---NE 12TH AV INTERSECTS
1233 LEIGHTON CHARLES R • 282-6389

142
---NE 13TH AV INTERSECTS
---NE 14TH AV INTERSECTS
---NE 16TH AV INTERSECTS
1606 CULLINAN CHARLES E • 281-0475
1607 SPREEN ANNA M MRS • 284-6024
---NE 17TH AV INTERSECTS
---NE 18TH AV INTERSECTS
---NE 19TH AV INTERSECTS
1904 PITTMAN WILLIS E • 281-8605
1905 LAWRENCE FRANK J • 284-3954
1914 HUGHES EARL R • 288-2495
1915 BUZZINI HOWARD •
1923 ANDERSON VIOLET C MRS • 284-3466
1933 VACANT
---NE 20TH AV INTERSECTS
---NE 21ST AV INTERSECTS
2104 VACANT
2112 MOORE MERVIN E
2124 MC LENNAN CHRISTINE MRS • 281-3274
2125 KOFFORD STANLEY R
2127 SINGLETARY EVA L MRS 282-1073
2133 HALEY JENNIE M 288-3492

140
---NE 22D AV INTERSECTS
2210 LAMBRECHT HELEN MRS 284-7336
2216 THOMAS LAURELLA F MRS 288-1497
2232 ROWAN ED JR 281-6090
2236 BROEREN RUSSELL G 282-5410
---NE 23D AV INTERSECTS
2314 MILLER HAROLD V • 282-3071
2315 MAGNESS MARLAND 287-0344
---NE 24TH AV INTERSECTS
2416 EMERY CURTIS S 288-3845
2425 BECKER NORA M • 284-1881
2435 HATCH STANLEY P
---NE 25TH AV INTERSECTS
---NE 26TH AV INTERSECTS
---NE 27TH AV INTERSECTS
2727 BAKER JOHN H 281-4469
2735 VACANT
---NE 28TH AV INTERSECTS

138
---NE 29TH AV INTERSECTS
2923 BILLINGS TERRY A 288-2402
---NE 30TH AV INTERSECTS
---NE 31ST AV INTERSECTS
---NE 32D PL INTERSECTS
3255 SCHUBERT JESSIE W MRS 287-4528
3259 PARKER M A • 287-3509

89
YALE ST N -FROM 7025 N OLIN AV WEST

4750 DAVIS W CHESTER • 289-0603
4767 THOMPSON HOWARD R • 289-2012
4768 OBERG VERNON J • 289-3359
4773 THOMPSON ELMER S • 289-5726
4776 GALIPEAU JOSEPH A • 289-3850
4779 ERICKSON DEAN E • 285-2214
4782 CHURCHILL WM H • 289-9530
4785 SALVO EUG C • 289-3934
4788 JUBIE AGNES E MRS • 289-2649
4792 CARLSON ALBERT T • 289-3342
4795 FETTIG SYLVESTER • 285-1544
4796 ADAMS WAYNE D • 289-0851
---N FISKE AV INTERSECTS

91
---N FISKE AV INTERSECTS
4818 HAVEN ELBERT L • 289-6160
4823 HEATHORNE CLARK W 289-4204
4829 CHURCHILL C ERMON MRS • 289-2053
4830 GALIPEAU EUG A • 289-8059
4837 VACANT
4840 DRENKHAHN DAVID W 289-1796
4845 WRIGHT DESMOND • 289-0885
4900 MC GLUMPHY GEO T • 289-1509
4909 NUFER ROBT J • 289-3666
4912 VOGT JOHN P •
4921 BROWNING EMIL R • 289-8903
4922 SWADBURGH HAZEL M MRS • 289-1450
4928 SCOUGALE FLOYD B • 289-7543
4933 ALEXANDER FRANCIS J • 289-8546
4941 CALHOUN WM H JR 289-2704
---N HAVEN AV INTERSECTS
5009 MIHOVILOVICH THOS • 289-3184
5012 ARJAVAC ANTHONY J • 289-6844
5022 ARTHUR CARRIE H MRS • 289-2808
5023 CHECK PAUL •
5032 BEARDSLEY NORMA M MRS 285-3918
5104 SUTTON CORBETT G • 285-1948
5105 VANEK ETHEL C MRS • 289-6528
5115 WHITE ROBT • 289-2192
5118 SLOOP JOHN C • 289-5005
5129 O'NEIL PEGGY MRS •
5130 VACANT
---N HODGE AV INTERSECTS
5212 MEYERS HOMER D •
5215 ADAMS WYNOLA F MRS • 289-7640
5222 HOLDNER WM F • 289-8266
5225 FRAWLEY KENNETH E • 289-2729
5227 PENNAN PERCY E JR • 289-8329
5230 KORIATH GUSTAV • 285-5377
5237 OWEN OLEVIA L MRS 289-8117
5238 GRAIFF JAMES H • 289-7764
5241 LARKIN LAURA D MRS • 289-2065
---N STANFORD AV INTERSECTS
5253 TIMM RAYMOND W • 289-2050
5254 FAHRER JAMES B • 289-7503
5261 PHELPS EDNA G MRS • 289-1349
5267 MOORE CHARLES W • 289-1300
5268 ARTHUR LAWRENCE E JR • 289-0643
5275 BALL RICHD L • 285-4390
5282 VOLZ JACOB • 285-5662

93
---N PORTSMOUTH AV INTERSECTS
5330 ITO JOHN S • 289-6250
5333 WHITTEN WILFRED J • 285-6922
5406 HEIGEL RUDY W • 285-3841
5407 DIXON VESTA MRS • 285-1524
5427 IVERSON DONALD F • 289-4733
5428 ALBRIGHT HENRY W • 289-0522
---N VAN HOUTEN AV INTERSECTS
5508 TROTT EDW A • 285-4276
5516 MC BRIDE GLEN • 285-4489
5530 WILSON WILDA G MRS • 289-2735
5601 ASTOR JOHN JACOB SCHOOL 289-9490
5610 HINES HENRY H •
5630 VAN WART GOLDIE C MRS • 289-3029
---N MONTEITH AV INTERSECTS
5705 SCHOTT SAML • 289-3782
5717 HINES ALBERT H • 289-8658
5718 WILSON HESTER MRS
5801 PORTER FRANK S JR 285-3513
5802 PENIMORE LLOYD E • 289-7108
5810 TRUMAN STANLEY L • 289-3715
5811 O'DELL WALTER T 289-7796
5822 KINDRICK T DAVID •
---N MC KENNA AV INTERSECTS
5905 WEBER RICHD H •
5926 DEZELL ALICE P MRS • 285-5781
6015 ROGERS VOLNEY D • 289-8568
---N WALL AV INTERSECTS
6207 KALIMANIS SAML A • 285-3433
6208 STEWART DORIS B • 285-4232
6214 VOLLERTSEN WALTER C • 285-4277
6219 GRIMSRUD LLOYD L • 285-4134
6220 JELLEY CAROLL E 289-7222
---N WESTANNA AV INTERSECTS
6300 KINGSTON KENNETH R •
6301 SMITH ARTH C 285-9697
6405 AXTMAN FRANK J • 285-2689
6412 STARK MARGT E MRS • 289-3212
6422 STEINFELDT EDW A • 285-8950
6423 VACANT
6432 MUZZY SAM J • 289-0864
6433 LISTON WM • 285-8258
6441 PLOCK ALBERT • 285-2898
6442 GOLIK DANL A • 285-4150
6452 BUFFINGTON L BELLE MRS 289-2787
6453 SNYDER HENRY N • 285-3312
---N MACRUM AV INTERSECTS
6505 SEAL ORLIE M • 285-1871
6508 HAYES ROY V • 285-5540
6516 BENTON KENNETH C 289-8078
6517 FORLAND MICHL • 285-8832
6524 VACANT
6534 RADEMACHER RAY J • 289-3322
6621 HUTCHINSON NARCISSUS M MRS 289-3517
6722 VACANT
6727 TABSHY SAML J •
6731 POST WALTER K • 285-4761

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YAMHILL CT SE -FROM JUNCTION SE YAMHILL AND SE 64TH AV NORTHWEST

6639 STEVENS JOHN C •

236
YAMHILL ST SE -FROM THE RIVER EAST 2 SOUTH OF SE MORRISON

---SE WATER AV INTERSECTS
61 HARRIS THERMAL TRANSFER PRODUCTS MFGS 232-6161
---SE 1ST AV INTERSECTS
81 VACANT
111 WALTER D N & E CO FL COVERINGS 234-7203
116 CASCADE SALES CO OF NORTHWEST INC FLOORS 234-9781
---SE 2D AV INTERSECTS
202 NORTHRUP KING & CO (BR) WHOL SEED 234-7257
238 FINK FRANK CO 232-6139
M & L DISTRIBUTORS CO BEER DISTR 234-6401
---SE 3D AV INTERSECTS
---SE UNION AV INTERSECTS
---SE GRAND AV INTERSECTS

936
---SE 6TH AV INTERSECTS
630 ATLAS APARTMENTS 235-9796
1-2 SCOTT DONALD
3 SPRINGER STELLA
4 HANK LYLE
5 VACANT
6 GILLAN BERTHA
7 VACANT
8 SOMMERSEL ROY
9 COOPER WM
10 FARALLA JAMES
11 MORGAN LARRY
12 NEEDHAM CHARLES
14 SHANKLES DALE
15 WHITE LEVI
16 DENMAN RAY
17 ELLENWOOD ELLEN MRS
18 MANKER L L 234-3134
19 HUNT JESSE
20 PERSON MARGT MRS
21 CHAUSSEE RICHD
22 STRATHOUSE CLARA MRS 232-2851
23 RUSSELL JUSTICE
24 MULKEY ALBERT
25 BOTHWELL GEO
26 ROYAL FRANK
27 RYAN DON
28 VACANT
29 COONTZ JERRY
30 VACANT
31 NORTON DONALD N
32 CASE LAWRENCE
33 BROWN EDW
34 DYER LOUIS
35 ROSS HELEN
36 ANDERSON LYLE
37 VACANT
38 VACANT
39 OCHOU GILBERT
40 WRIGHT JOHN
41 FRASIER JERRY
42 VACANT
43 BUCK HANK
44 VACANT
45 BUCK LAWRENCE
46 SMITH ROBT E
47 O'NEIL DONALD
48 LARSON HARVEY
49 LEWIS WILBUR
50 ELLIS HULDAH L MRS 234-4257
51 DOOLEY EDW
52 CHURCHILL L C
53 VACANT
54 LAMONT DONALD
55 HUNSUCKER CHARLES
57 VACANT
58 WITTLE JOHN
59 VACANT
60 MERRILL RENE MRS
61 NEWBY KENNETH
62 SEAVER HOWARD
63 SHORT WM
---SE 7TH AV INTERSECTS
721 GILBERTSON MACHINE SHOP 232-8002
MC KINLEY CORP DIESEL ENGINES 234-7466

232
---SE 12TH AV INTERSECTS
1222 WEIR HARRY E • 232-2424
1225 APARTMENTS
2 PARKS LEE MRS
3 HOLT LAURA B MRS 236-2485
4 STEVENSON ROBT W 232-0035
5 ANDERSON EVA MRS
6 SHORT LOWELL K 235-7565
7 HARTMAN ELLA S MRS 235-7826
8 MC CARTER DAGA 235-1218
1227 FRIEDMAN ESTELLE M MRS 232-2424
1235 LEWIS APARTMENTS
1 STUBBS ROBT 235-8072
2 MOELLER L D
3 VACANT
4 VACANT
5 EVANS PAUL
6 SMITH ELSIE
7 TURNER HARRIET MRS 235-5717
8 SCHMIDT JOHN
9 TRITT CLAUDE
10 ULRICH JOHN
11 SMITH FRANK
12 JOHNSON BENNIE O
1236 EGNER WM G

TP	Adjoining	Source
-	✓	R.L.Polk Co.

YAMHILL ST SE 1965

PACIFIC TITLE INSURANCE CO.

OREGON'S OLDEST TITLE COMPANY

MAIN OFFICE: MULTNOMAH COUNTY – 315 S.W. FOURTH AVENUE – NEAR OAK STREET

Portland 4, Oregon Tel. 222-9931

YAMHILL ST SE--CONTD

---SE 13TH AV INTERSECTS
1305 CAIN ORVILLE L 234-5872
TROXEL NEIL E 236-6597
LEE EMMA C
1311 OHLSON IRENE MRS ● 234-6220
1318 BROWN MERLE J 235-3949
1325 APARTMENTS
1 ROACH ROSE MRS ● 234-4756
2 VACANT
3 FESSLER MARTIN C
4 VACANT
5 SUMNER JAMES
1333 VACANT

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---SE 20TH AV INTERSECTS
2020 WINKELMAN WALTER E ●
232-6456
2025 NICHIREN BUDDHIST CHURCH
235-9265
2026 DOWDY IRWEN J ● 234-1171
MUELLER CHYRL J 235-1306
2031 KODACHI ZUIGAKU REV 232-8064
2039 RILEY JACK C ● 235-5267
2045 GIBBS BEATRICE MRS
HENLEY VANCE D 235-0055
---SE 21ST INTERSECTS
2101 BELL NORMA J MRS 235-3278
2104 HOLDER RUTH MRS 232-0292
2106 WARMUTH ROBT J
2107 LYONS KEITH M ● 235-5648
2112 VACANT
2115 VACANT
2116 CURTIS CHARLES C ● 236-9238
2124 EDWARDS JOHN J ● 236-1090
2125 LESTER BERYETTA 232-6534
2131 MEDLEY ROBT B
ERICKSON CORA G 235-5491
2134 VACANT
2137 ANDERSON LOUIS N ● 235-6006
2147 PRENTICE SIDNEY E ● 235-1771
---SE 22D AV INTERSECTS
2203 LIVELY EARL B ● 234-8140
2213 STANFORD LIONEL B
2220 NO RETURN

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---SE 23D AV INTERSECTS
2305 SPURLIN CHARLES H ● 236-6018
ALEXANDER CORA M MRS
RAMERY AMY
OCHSNER ELIZ MRS 236-4925
2313 SHIPMAN ORVILLE D 234-7702
2322 MC CLURE WAYNE W 234-1704
2323 SHANER HAL R ● 236-6662
2328 VACANT
2331 WAML ADOLPH ● 236-2787
2332 LAYTON DELMA MRS ● 232-4840
2338 WILSON BERTHA J MRS ●
232-8546
2339 MACLEAN WILFRED M ● 232-3340
2343 VACANT
2345 GRESSINGER JAMES E
2346 JANNEY FLOYD ● 234-1736
2353 UNDER CONSTN
2406 MC INTOSH ARLA
2414 BERNING MARION M
2422 OBRIEN LAMAR F 235-1302
2424 STEWART PATK
SCOTT PHILLIP M
2425 CLARK PAUL M ● 232-3026
2428 GARVILLE WM O ● 235-1903
2429 HALL ESTHER MRS
2435 WODDS U MARVIN ●
2445 EVERSOLE CORINNE MRS ●
235-4772
2451 ENGLISH JOHN C
WALTERS CHARLES ● 236-1229
---SE 25 AV INTERSECTS
2502 CALHOON LEE E ●
2503 SANDBERG CORA A MRS ●
234-1496
2508 LOFT NORVAL K 234-1596
2509 HODGKINSON ROBT W ● 232-7952
2516 LOUIE DENNIS ● 235-5735
2517 NASBY LLOYD R ● 236-8470
2524 BEGUHL GRACE E MRS 232-1726
---SE 26TH AV INTERSECTS
2603 GARDEN COURT APTS 234-4168
NEWSON ANNA MRS 236-1611
2605 TEMPLETON RUBY MRS 232-8449
2607 DIETZ LILLIE MRS 235-3417
2609 SNYDER MABEL L 235-3981
2611 BOTTS LILLIAN A MRS 236-7513
2613 KROTZ DAN F
2615 CUSICK LARRY L 234-7932
2617 MONKHOUSE ELEANOR 234-1617
2619 JOHNSON FRANK W 234-4168
2621 ROBERTSON MARLOWE W ●
236-8798
2622 KIDER JOSEPH J ● 232-3520
2634 LEE DONALD 232-7751
---SE 27TH AV INTERSECTS
2703 MICHENER JOHN F 236-3740
2706 STUART ARDATH
2707 DIEFENDORF WINIFRED A MRS ●
236-8347
2713 BAKER JOHN R ● 232-4790
2727 MOORE RICHD
2729 HIGGS ETHEL MRS
SCHWARTZ JUDY
2731 SALTVEIT CHARLES R ●
235-2059
---SE 28TH AV INTERSECTS
2805 SENECAL KEITH L
2806 SAXTON DARRELL A ● 235-2474
2813 MANLEY HATTIE L MRS ●
232-0604
2814 ARNDT ESTHER M ● 235-3327
2823 HAMPTON THERESA A MRS ●
232-5622
2824 HAHN NORMAN E ● 235-2050
2832 SCHROEDER JOSEPH B ●
232-4731
2835 APARTMENTS
1 WALKER FRED H 232-7337
2 LAMBRECHT ALBERT T 235-1446
3 ROOT FLORENCE M MRS
234-3240
4 HUFF WILMA E MRS 235-6498
---SE 29TH AV INTERSECTS
2904 DAVIS MARLENE E MRS 235-4895
MACY WM
2912 SMITH LESLIE PNTG CONTR ●
234-6861
2914 SAGO STANLEY L
2917 BERG ARNE ● 236-3848
2921 NO RETURN
2926 KROLL MICHL J 234-8516
2927 SCHOENEMAN JANET L
2934 DICKIE ROBT W ● 236-0585
2935 BAYES GEO A ● 236-7854
2942 IVERSON PETER ●
BROWER REX H
2949 GLENWOOD APTS 235-9494
1 VACANT
2 LUCAS FRED
3 MILLER DAVID E
4 SWABODA MARGT
5 HAMMIL HAROLD K 235-9494
6 CARMONY FLORENCE MRS
234-4863
7 COOK WANDA M MRS 235-3563
8 NEARY CAROL
9 VACANT
10 TAYLOR CLARA M 235-3483
11 GATES STELLA K MRS
232-7268
12 MILLS JEANNETTE MRS
14 HEDDERLY LOUISE
15 HAMILTON BERNICE
16 EDER JENNIE MRS 235-0959
17 TYLER WARREN
18 CROUCH MABEL A MRS
19 TAPPER DOROTHY A MRS
235-5048
20 MC CALL RUBY 235-3563
21 BRACY ELLA
22 HALL WM
STREET CONTINUED
2950 VACANT

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---SE 30TH AV INTERSECTS
3004 WHITE ROBT
3009 TURK JAMES A ● 236-4937
3010 HASTINGS CLIFFORD D 232-1245
3018 WOODFIELD CHARLES P ●
236-0066
3020 APARTMENTS
1 HODGES PHILIP
3 SALTUEIR VICTOR
4 SEAQUIST RICHD
STREET CONTINUED
3021 O'BRIEN ROSE MRS ●
3024 WAYLAND KEN
3027 BENNETT ELSIE MRS ● 235-1905
3030 HEIDMAN TERRY 235-8004
3034 RICHTER PAUL R 236-1520
3040 VACANT
---SE 31ST AV INTERSECTS
3101 NO RETURN
3103 BELFILS WM A PIANO TUNER
235-6705
HALPERN JOYCE 235-6594
3118 ERSTICH MIKE J 234-7106
3122 VACANT
3125 VACANT
3130 HOLLIS BARBARA L ● 234-5787
3136 BECKMAN ANAMAY MRS 236-6384
3137 RICE LUCILLE D MRS ●
234-1758
3142 HINKLE BONNIE MRS
---SE 32D AV INTERSECTS
3200 RICHARDSON LETA M MRS
232-9783
3206 PRICE P R 232-9604
3210 SCHMID V ILENE MRS 236-4213
3222 BULLOCK SHIRLEY MRS
3223 ROBERTS HELEN A MRS ●
236-3148
3231 SCHOOLER IRENE D MRS ●
232-7773
3235 HALL ARLENE MRS
YORK PHILOMENA MRS
3236 FOULKE PAUL 234-1626
3244 FREDERICKSEN ELVINUS ●
236-8791
---SE 33D AV INTERSECTS
3304 NASH MARGT D MRS 232-6808
3310 VACANT
3316 WILLIAMS JAMES
3322 KNIGHT CHARLES H ● 232-3448
3325 SPINK WALTER S ●
3329 WILS EDW C
3330 BAUER ALBERT J ● 232-1443
3343 CLARKE FLORENCE MRS 234-2570
3344 MADDOX WM L ● 232-6319
3354 RANCANELLI VETA M MRS
SWIFT ALMA J MRS
---SE 34TH AV INTERSECTS
3413 GREEN APARTMENTS 236-0812
1 COLEMAN VIERLEY MRS
2 SEGAR DAVID G 232-8976
3 BUTLER HAROLD S 236-0812
4 COX RONALD
5 MILLS LAWRENCE W
6 HEARD K
STREET CONTINUED
3425 MARVIN & SONS FRUIT &
PRODUCE CO WHOL PRODUCE
234-4115
3443 MONTAG FURNANCE CO (ST&E)
3445 CHILADE FRANK G ● 232-9637
3449 BIXBY RICHD H 235-1514

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---SE 35TH AV INTERSECTS
3519 VACANT
3520 SUNNYSIDE METHODIST CHURCH
236-2526
3534 KELLOGG ALBERT H 235-0166
3535 MILLER'S AUTO SERVICE AUTO
REPR 235-2001
MILLER HARRY O ● 235-2001
3536 HOWARD HATTIE L MRS 234-4161
3549 RUFFIN RUTH E MRS ●
---SE 36TH AV INTERSECTS
3609 ALLEN WM E ●
3620 JONES EDYTH J 235-7566
3624 JONES CHARLES K ● 235-6873
3625 CORNFORD MAGDALENE MRS
3627 TURNER GRACE N MRS ●
234-6067
3631 EVJEN JULIA M MRS ● 235-3243
3634 KOLIAS IDELLE MRS
3639 THOMPSON ELMER M 235-7876
3641 VACANT
3645 HARRIS VALENTINE W MRS
234-7112
3649 STAPLES MABEL E MRS 232-6752
3651 THOMPSON WAYNE G
3652 CUMMINS WM H ● 236-0723
3655 BETHELL HERBERT H 235-5409
---SE 37TH AV INTERSECTS
3705 MULLEN DAVID E ● 232-6057
3706 MC GINNES CHARLES L ●
236-9189
3712 TAND BENNY V 235-4552
3717 CLIFFORD GORDON L ● 235-3334
3723 STREMCHA ROLAND M ● 236-1980
3728 MIANO ALVIN C
3729 FEIST JOSEPH ● 235-1768
3735 RICE LAWRENCE L ● 235-6759
3746 NO RETURN
3749 WOLFE EARL
3754 VACANT
3755 SINGER ROSE E MRS ● 232-1504
---SE 38TH AV INTERSECTS
3806 BOECHE WINIFRED H MRS ●
232-6745
3812 FOX ROBT W ● 232-7466
3815 BUTLER WM D 236-7238
RE MILDRED
3822 VACANT
3825 DENNER ALEX E ● 236-9600
3828 MAY EDGAR W ● 232-1682
3835 O KAMOTO GEO ● 236-2047
3836 GUARNE ANNA MRS ● 234-3401
3844 DUTSON RICHD L ● 232-0995
3847 TAYLOR ROBT 235-7905
3854 CHRISTIE MARGUERITE MRS ●
232-2980
3855 GILE ANNA L MRS 234-8756
3862A MYERS JAMES L ● 234-1716
3862 CROOK LAURA S MRS 235-1051

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---SE 39TH AV INTERSECTS
3906 WILLIAMS RICHD J ● 235-6880
HECHAM JEANNE A MRS
3912 KARLQUIST LEE R 234-4116
3916 POWELL CORINNE L MRS
235-7750
3926 MC CAULEY DALE H ● 232-6897
3934 MAPLE GEORGIA V MRS ●
232-6831
3946 MC CARTHY THELMA E MRS ●
232-7683
3956 STURGEON LUCILLE C ●
236-9535
3964 HOLWEGE JOHN R ● 236-5864
---SE 40TH AV INTERSECTS
4000 LUDWIG AGNES MRS ● 235-2748
4004 BLANTON MARYETTA MRS ●
235-2619
4008 HISHIKAWA HISAGHISO ●
234-2967
4012 TURNER NORMA 234-7682
4014 ZUMWALT ALBERT L ● 234-3981
4017 BAUCOM EUG R ● 232-4323
4019 KING NOMA E MRS 234-7030
4023 COOP SAMUEL D ● 234-5583
4024 GEE MILLARD ● 236-0337
4033 NEAL ALLAN K ● 232-1527
4041 MAHONE FLORENCE E MRS
234-7806
4042 RUFFO R KENNETH 236-8141
4043 THOMAS FLOYD C ● 234-3858
4103 FORKAN JAMES J ● 232-4678
4104 JAMERSON GERTRUDE L MRS ●
232-4224
4112 MC CULLUN BILL 232-6334
4115 BLOCKER ALICE MRS
4118 MATTERN ALTA G MRS ●
234-5981
4123 ORMOND JAMES ● 235-0693
4124 PEARSON OSCAR W ● 232-3426
---SE 42D AV INTERSECTS
4202 STANFORD ALF J ● 236-9901
4203 PERIN ARTH ● 235-7125
4214 VACANT
4215 TAYLOR LARRY C ● 235-5062
4222 ROWLEY ARCH I ●
4233 TEUFEL CHARLES G ● 234-3126
4234 MINARD JOHN J ● 234-4065
4244 BRANDL HELEN C 236-9288
4245 WINK BURTON M ● 232-5982
SWAIN KAROL S
4252 DEVUANO PAUL F ● 236-7543
4253 KENNEY VICTOR E
ACKER LEO E 235-3275
4266 STREJC HARRY W
4267 JENSEN DAVID
4304 MONROE WAYNE R 236-2200
4305 DWYRE JAMES E ● 236-4493
DWYRE RICHD B
4314 COLE GEO W ● 235-5705
4315 BILLION LYMAN V ● 232-6339
4322 GALLAGHER FRANK R ● 232-1712
4325 SIEL DONALD C 232-7241
4331 TONEY ADDIE M ● 234-3158
4332 DE REGO DANNY ● 236-0540
---SE 44TH AV INTERSECTS
4402 PATTERSON PATK E
4407 MALTBY TOM O
4414 ERNST EMIL M ● 235-0120
4415 LINENDOLL DONALD R ●
232-3874
4423 VERA'S GIFT SHOP 236-0722
SANKEY LESTER ● 236-0722

210

---SE 45TH AV INTERSECTS
4521 WATSON LESTER
4525 BLATCH CARL J 777-2513
4527 LANE WALTER K
4530 YAPP EDWIN C ● 234-8090
4540 THOMPSON ELVERE S ● 235-6017
4604 DELAMARTER ALVIN G REV
232-7057
4609 LIPPERT CHARLES ● 236-6317
4614 VACANT
4624 WATKINS LELAND J ● 235-7846
4634 VACANT
4644 COOK C GLENN ● 232-6735
4646 FARMER MAUDE B MRS 236-0590
---SE 47TH AV INTERSECTS
4711 BURANELLO BRUNO D 236-9426
4725 WOODWARD ROSA S MRS ●
235-4044
4728 GONZALES EDW L ●
4733 HUBER ROBT J ● 235-3672
4744 PORTER ANGELINE L MRS ●
232-6750
---SE 48TH AV INTERSECTS
4805 KNAPP HERBERT R 236-3444
4815 SPROUL CLEVE A ● 236-0636
4818 KIMPTON JACK R ● 232-7660

208

---SE 55TH AV INTERSECTS
5504 SANFORD JOHN JR ● 236-8868
5513 RUSSELL BEN L ● 232-6868
5527 JOHNSON LEONARD P ● 234-7097
5530 CARLSON ROY W ● 236-0874
5535 JASPER PHILLIP E 236-0177
5549 WILSON LINDSAY G ● 236-7173
---SE 56TH AV INTERSECTS
5606 FLACH LEWIS H ● 234-6858
5611 HUNT JOHN B ● 236-5735
5629 MITCHELL HAZEL H MRS ●
235-4972
5630 TYNAN EVELYN H MRS ●
232-8251
---SE 57TH AV INTERSECTS
5701 HOSSACK HELEN M ● 236-7477
5710 MATHIESEN WILLARD L ●
236-7787
5711 DOHERTY ANNA P MRS ●
236-7992
5725 VACANT
5732 DENTLER JEANNETTE I ●
236-7437
5807 ROLEY PAUL C ● 236-3661
5821 NIEUWBOER JOHN H ● 232-5938
5824 UNIVERSAL MOTOR CLUB OF
OREGON INC 235-6601
5835 WILLIAMS JESSIE S MRS ●
232-4022
5841 JOHNSON HAROLD H ● 232-2404
5850 LIND ANDREW N 234-3979
5900 BILLINGSLEY LATIMER V ●
236-7842
5905 SEAS SHARON A 232-5775
5914 TURNER HAROLD L REV 236-6127
5923 HEIN M C 236-1334
5933 BRIGHT HARRY 236-1624
DAVIS GEO W 234-9466
---SE 60TH AV INTERSECTS
6012 PORTLAND SANITARIUM NURSES
HOME 235-3969
MC NEIL MARIE MRS
6014 WALLA WALLA COLLEGE OF
NURSING 235-8871
6120 MORIYASU TATSUO 236-4591
6122 DUNSMOOR ESTELLE M MRS ●
232-2252
6132 HOFFMAN IRVIN B ● 232-2012
6300 AGNETTA VINCENT H 235-4096
6310 GEIGER WM W ● 235-4756
6320 WUEST ESTHER W ● 236-6471
6347 CULBERTSON JOHN S ● 232-8530
6371 JONES EVERETT E ●
6373 RIPPEY WM E ● 236-8158
6385 NO RETURN
6621 WARLEN ROY A ● 253-8284
6635 PHILIPSEN FRANKLIN E ●
255-1301
6639 NO RETURN
6645 RICHARDSON FLOYD T ●
254-8889
6659 OAKES HAROLD A ● 254-1664
6666 BRIM A EUG ● 255-8180
---SE 67TH AV INTERSECTS
6700 BARRINGER FRANK ● 253-5770
6708 LOVINGIER FRED ● 252-0521
6715 NEANDER JACK A ● 255-1283
6720 REGAN LARRY E ● 252-5179
6723 GALLAGHER MARY E MRS ●
253-6430
6732 KLUM JAMES C ● 253-0401
6738 GLUR JOHN R ● 254-0326

194

---SE 68TH AV INTERSECTS
6810 LAMPMAN EVELYN S MRS ●
253-7125
6835 MOE VEDA ● 253-3208
---SE 69TH AV INTERSECTS
6912 OLMOS ROBT ● 252-4048
6919 BON DURANT FLORENCE MRS
253-4428
6926 TOMMASO HAROLD J
6929 RITER FRANK P ● 252-9311
6934 VACANT
6939 WALKER CAROLINE MRS ●
254-6748
6944 STENNICK THOS W ● 255-4699

Bent Coun Offi
100 Sc 2nd St PLa: 2-34 Corval Oreg
Linca Count Offic
126 W. Olive S Tel. 265-22 Newpo Oreg
Hawth Branc
3868 S Madison Tel 222-9 Portlan Oreg
Washin Coun Offi
955 N. Canyon Tel 644-1 Beaver Oreg
Clacka Coun Offic
918 Main Tel. 656-26 Oregon Oreg
Polk Coun Offic
515 Co Stree Tel. 623 Dalla Oreg
Mario Coun Offic
175 H Street Tel. 581- Salem, O

MORRISON SE 1960

MORRISON, SE—Contd

335 Anderson Henry I whol prod △ BE 5-5791
G-M Potato & Onion Distrs Inc △ BE 4-7553
Portland Prod Merchants Assn Inc (credit reports)
Prod Merchants Traffic Bureau △ BE 2-3553
SE Union av intersects 234
SE Grant av intersects
500 Pfalger's J D Cigar Store △ BE 5-9156
504 Eddy's Flowers △ BE 2-1677
510 East Side Coml Club △ BE 2-7155
511 Citizens Photo Shop △ BE 3-8501
516 **Weatherly Building** △ BE 2-4535

Rooms:
201 Confidential Consultants △ BE 5-5343
202 McCoy's Bkpg Serv △ BE 5-6446
203 Portland Bowling Assn △ BE 4-5910
205 Pioneer Business Forms Inc △ BE 6-1613
206-09 Rankin Finance Co loans △ BE 2-4151
210 Boots Sydney W real est △ BE 5-6877
211 Foxboro Co recording equip △ BE 5-8244
212-14 Zeta Epsilon Fraternity △ BE 4-5391
215 Jones Truman Distributor communicating sys △ BE 6-5245
216 Prince A J Co food brokers △ BE 4-1459
223 California Packing Corp canners △ BE 5-3123
301-03 Southland Life Ins Co △ BE 5-5355
306 Farmers Mut Ins Co of Enumclaw △ BE 4-5449
307 Woodmen of the World (field ofc) ins △ BE 4-9693
311 Johnson Alf J lwyr △ BE 2-0454
312 Lorette Agency ins △ BE 6-3887
314 Becker Henry G acct △ BE 6-7252
401-02 Hulme Harold naturopath △ BE 2-4832
405 Oregon Restaurant & Beverage Assn △ BE 6-1722
Oregon Restr & Beverage Magazine
407 Miles Laby Inc medicine mfrs △ BE 6-1944
409-10 Cramer Robt L acct △ BE 4-1025
411 Accounting Forms Co of Oregon △ BE 2-5367
Bauer C Bud Sales food brokers △ BE 4-1211
Cameart photogs △ BE 4-1211
Certified Elec Sls appliances △ BE 4-2372
Cramer Services tel answering △ BE 4-2372
East Al Transfer Co △ BE 2-6639
Johnson Business Serv tel answering serv △ BE 2-6639
Luxor Lighting Products △ BE 2-6639
Nashua Package Sealing Co △ BE 4-2372
Schulter John A lighting equip △ BE 4-1211
414 Community Health Assn Inc ins △ BE 5-5352
502 Natl Reserve Life Ins Co △ BE 4-9776
505 Vacant
507 Baines Arth B lwyr △ BE 5-3183
Ruble Jos P lwyr △ BE 5-3183
510 Ridgeway Lithograph Co (br) △ BE 6-7195
511 Vacant
512 MacMasters W P Co collrs △ BE 2-3749
513 Boltano Andrew & Co accts △ BE 2-9683
601 Boston Mr Distiller Inc whol liquor △ BE 2-1047
602 Vacant
603 US Business Assocs Inc credit serv △ BE 6-7013
605 Vacant
606 Kuehner Richd C agrl consultant △ BE 2-1569
607 Oregon Filbert Comn △ BE 4-3510
Filbert Control Board △ BE 4-3510
609 Roesch Louis Co litho △ BE 4-4715
611 Weatherly Ins Agcy △ BE 2-1972
613 Office of Bldg △ BE 2-4535
614 Page Gordon R acct △ BE 6-1788
701-03 Niklo Enterprises (br) whol sporting gds △ BE 4-0420
705 Vacant
706-08 Weiser Bowles & Young lwyrs △ BE 2-7426
709 Calif Packing Corp (sls ofc) △ BE 5-3123
711 Bible Testimony Inc radio program producers
716 Wells DeLap & King accts △ BE 4-5481
801 Burke Fredk T phys △ BE 2-4214
805 Amstutz Elam lwyr △ BE 5-5831
806 Leonard Tom Agcy ins △ BE 2-4491
807 Harry G Y & Co fish brokers △ BE 4-6535
Willamette Sporting Goods Co △ BE 4-6535
810 Vacant
811 Textiles Workers Union of America (CIO) △ BE 2-4389
816 United Papermakers and Paperworkers AFL-CIO △ BE 4-5991
901 No return
906 Burhans-Sharpe Co The mfrs agts △ BE 4-1561
907 Global Aids Inc △ BE 2-5954
909 Nalco Chemical Co △ BE 4-5379
910 McKinley Wm G mfrs agt △ BE 5-6462
911 Hull Wayne custom made kitchen △ BE 2-0869
913 Vacant
915 Crandell Kern lwyr △ BE 6-6292
1003 Hansen-Comer Dental Laby △ BE 6-1333
1007 Dutton Paul E dentist △ BE 2-9141
Homann Paul H phys △ BE 2-9141
McIntyre Kenneth R dentist △ BE 2-9141
1011 Vacant
1012 AAA Truck Rentals Inc △ BE 4-0553
1013 Pacific Coast Paper Mills mfrs △ BE 4-3284
1014 Cellon Chem Co Inc whol △ BE 4-1669
1015 Lowe Glen L dentist △ BE 6-1961
1101 Vacant
1102 National Steel Corp (br ofc) △ BE 4-7376
1103 Oregon Non-Profit Organization Inc △ BE 4-3026
1105 Anderson Jas J drftsmn △ BE 2-2749
1107 Vose B Arno dentist △ BE 6-1844
1111 Anderson Otis W vending machs △ BE 6-7422
1112 Lee Virgil N dentist △ AT 7-0472
1114 Humberstone Geo E dentist △ BE 2-5505
1116 Johnson Walter R dentist △ BE 2-2569
1201 Sunkist Growers Inc (br) whol △ BE 2-810
1207 Investigators Inc collns △ BE 4-9779
1210 Horizon Type Composition △ BE 6-0814
1211 Vacant
1212 Vacant
1213 Vacant
1216 Griesinger Walter H dentist △ BE 5-5976

Street continued

517 Vacant
518 Weatherly Bldg Barber Shop △ BE 5-9108
Tardy Jas shoe shiner
519-21 Fun Shop variety store △ BE 5-9432
520 Gardner Realty △ BE 4-6678
Strand Al Realtor △ BE 4-6678
524 Genl Elec Credit Corp △ BE 4-5021
525 Clifford Barber Shop
527 Clifford Hotel △ BE 2-7198
531 Park Kenneth optom △ BE 6-2719
534 City Finance Co △ BE 4-7427
535 Bayer Business Serv Co Inc real est △ BE 4-9741
Asbahr Albert A lwyr △ BE 6-4169
SE 6th av intersects
601 Kovar's Cafe △ BE 5-9685
607 Ace-Hi Tavern △ BE 5-9488
611 Vacant
612 First Natl Bank of Oregon The (East Portland Branch) △ CA 8-7131
613 Vacant
617 Troy's Barber Shop
619 Automation Products mfrs agts △ BE 6-6457
621 Duo-Fast Oregon Co stapling mach mfrs △ BE 5-1021
627 Eastside Ins Agcy △ BE 2-2807
Kusler Alvin A acct △ BE 2-2807
629 **Ivaho Apartments**
1 Taylor Josephine Mrs △ BE 5-0170
2 Putzy John
3 Vacant
4 Nolson Gertrude Mrs
6 Hawk Lyle
7 Lawson Jess
7a Novotny LeRoy
8 Henderson Maurice
8a Henderson Gerald
9 Boyd Stuart
10 Fowler Jack
11 Redding Geo E △ BE 2-6524
12 Mantalica John
14 Dries Gary E
14a Frederickson Christ
15 Wong Esther Mrs
16 Oliver Geo
16a Vacant
17 Kosch Harold L
18 Bardell Helen Mrs
19 Weimor Philip
20 Westke Gladys Mrs
21 Milligan Don △ BE 5-9072
22 Vacant
23 Beevar Lester
25 Jensen Josephine E Mrs △ BE 6-7190
26 Wham Roy
27 Byers Onettia Mrs
28 Vacant
29 Prescott Ruth Mrs
30 Vacant
31 Vacant
32 Ochoa Gilbert
33 Draeger Albert
34 Vacant
35 Gleason Jack

Street continued

631 Palmer's Shoe Repr △ BE 3-8058
633 Langlitz Leathers mfrs △ B E6-7515
639 Tribby's Cafe △ BE 5-9590
SE 7th av intersects
700 Colyear Motor Sales Co (mach shop) △ BE 6-1171
717 **East Morrison Apartments** △ BE 4-8615
1 Vacant
2 Bingham Vernon
3 Jones Ronald jr
4 O'Neil Carl H
5 Marion Grace M Mrs △ BE 4-8615
6 Vacant
7 Vacant
8 Gene Herbert △ BE 4-3157
9 Carpenter Dolly M Mrs
10 Vacant
11 Burnett Nell Mrs
12 Smith David H
13 Mauselle Alva J
14-15 Yost Beulah D Mrs △ BE 6-8371
16 White Chas C △ BE 4-2593
17 Fessler Jos M

Street continued

719 Vacant
726 Knox Larry Texaco Serv △ BE 5-1960
727 Vacant
729 Bold Linen Co whol △ BE 4-7403
Oregon Mtr Court Assn △ BE 4-7403
Amalgamated Lithographers of Am Local No 36 △ BE 4-7403
735 Nagel Sup Co Inc paper whol △ BE 4-6414
SE 8th av intersects
807 Vacant
808 **Grand Central Market** △ BE 5-4197
Arctic Food Serv Inc frozen food distrs △ BE 4-8461
Bakke's Meat Market △ BE 3-8878
Bill's Barber Shop
Bio-Chemic Health Food △ BE 4-3215
Bob & El prod
Grand Central Cigar Store △ BE 4-8551
Grand Central Beauty Salon △ BE 4-3667
Grand Central Jewlry
Grand Fish Co △ BE 2-3584
Hageman's Serv Bur notary pub △ BE 5-4197
Henry's Coffee Shop restr △ BE 5-9483
Joe's Fine Food restr △ BE 5-9686
Kappel's Old Holland Bakery △ BE 2-7901
Lew's Super Market gro △ BE 2-3972
Liberty Fruit Mkt △ BE 5-9976
Mac's Shoe Repair
Market Lock & Key Shop △ BE 6-1212
Moffitt Bros trucking △ BE 5-3950
Reed Robt shoe shiner
SE 9th av intersects
924 Tire Sales & Serv Inc △ BE 4-6609
929 Sagebrush Room The restr △ BE 2-2973
932 Portland Indepenent Milk Producers Assn △ BE 4-9571
940 Mtr Formula Nine Co oil blendings △ BE 6-8313
323
SE 10th av intersects
1001 Best Auto Spring Co mfrs △ BE 4-6416
1029 Albright Bros Glass Co △ BE 4-9749
1040 County Div of Registration & Elections △ CA 7-8441
SE 11th av intersects
1105 Columbia Exporters Inc (side entr)
1115 M & F Finance Co Inc loans △ BE 2-9139
1117 Mortensen A W Co boiler mfrs △ BE 5-3165
1120 Bradley's Pies Inc whol △ BE 2-5195
1135 Fred & Lloyd's Auto Serv gas sta △ BE 4-3741
SE 12th av intersects
1200 Jones R F Co vending machs △ BE 4-5373
1205 Northwest Auto Lease gas sta △ BE 4-8840
1230 **Rex Arms Apartments** △ BE 5-9409
2A Irons Ruth J Mrs
2B Cooper Rose Mrs △ BE 2-2659
3A Hatfield Arden
3B Kriohel Julius
4A Kentta Vivian Mrs
4B Magers Arlie Mrs
5A Patten Barbara
5B Jaksha Christian R Mrs △ BE 3-9855
100 Lamberson Ruth Mrs
101 Hatfield Darus
102 Pederson Marvin Mrs
103 Buss Erwin H
104 Vacant
201 Hintz Wm
202 Lockwood Myrtle A Mrs △ BE 5-1729
203 Snyder Floyd
204 Vacant
205 Jiroch Mary △ BE 2-3895
206 Grancholm Darrell
207 Ross Earl
208 VanDiggelen Standley
209 Edwards Iva K Mrs
210 Cason W Guy △ BE 6-1925
211 Crum Hazel Mrs
212 Jensen Leland E △ BE 2-3522
301 Wilson Cath Mrs
302 Barkhurst Nellie △ BE 2-5081
303 Bingham Isaac
304 Bastian Evelyn H Mrs
305 Gardner Jessie Mrs △ BE 6-7315
306 Vacant
307 Hemminger Meretta W Mrs △ BE 4-3687
308 Thornley Ruff J
309 Down Albert
310 Thomeseth Henry
311 Jones Mina Mrs
312 Allen Robt E △ BE 5-4765
401 Kitchen Grace Mrs
402 Ohrmund Evelyn E
403 Latshaw Donald
404 Trout Wm
405 Strathouse Lucy Mrs
406 Mullen John L △ BE 6-5442
407 Martin Claire Mrs
408 Vacant
409 Hall Val
410 Read Cecile C Mrs △ BE 4-1416
411 Cook Harvey B △ BE 5-4905
412 Matthews Chrystal K Mrs △ BE 5-5186
501 Fitzgerald Octavia
502 Vacant
503 Alexander Chas F
504 Lopez Richd
505 Bohan Eliz V △ BE 2-9725
506 Vacant
507 Conrad Harry M
508 Wells Kenneth
509 Vacant
510 Gilmore Wm H
511 Nelson Anna M Mrs △ BE 5-1267
512 Dunn Thos

Street continued

1245 Morris Hazel Mrs ◎ △ BE 6-2769
1247 Rykken Phillip △ BE 5-5204
SE 13th av intersects
1300 Vic's Sundries & Toiletries △ BE 4-1853
1301 Burfield Edna C Ms ◎ △ BE 2-0931
1303 Vacant
1305 Page Roy
1307 Jackson Clyde A ◎ △ BE 2-3394
1308 Hal's Tavern △ BE 5-9308
1315 Jackson Clyde ◎
1317 Colber Glen E △ BE 2-7214
1321 Whisman Forrest N △ EE 5-5288
1322 Williams B Irvin ◎ △ BE 5-9010
1323 Zenger John ◎ △ BE 2-1713
1327 Garcia Dolores Mrs
1327 Reams Lauretta Mrs △ BE 5-4277
1328 Presto Clns clo prsrs △ BE 5-9010
1335 Schulz Amy Mrs ◎ △ BE 2-4716
1336 Hi's Laundromat
1339 Schulz Amy Beauty Shop △ BE 2-4716
SE 14th av intersects
1400 Hi-Time Tavern △ BE 5-9825
Hi-Time Enterprises Inc tavern
1401 Kienow's Food Stores ofc △ BE 4-6545
1408 Kienow's Food Stores (whse)
1412 Kienow's Food Stores (whse)
1416 Ray's Barber Shop
SE 15th av intersects
1502 Rose City Oyster Co Inc
1505 Shumacher John ◎ △ BE 4-1915
1507 Thomas Angus G
1511 Frasier Thos D
1513 Webber Edna M Mrs
1519 Farwell Teetja Mrs
1523 Community Variety variety store △ BE 2-5526
1525 General Threaded Products Co whol screws and bolds △ BE 4-5248
1533 Mitchell H E Co locksmith sups △ BE 6-9444
1534 Warnke Lewis C ◎ △ BE 4-3841
1537 Morris Scale Co △ BE 2-5339
230
SE 16th av intersects
1610 Allen Terry G △ BE 6-1870
1617 **Sylvester Apartments**
2 Lyster Margt
3 Vacant
4 Crouch G E Mrs
5 Vacant
6 Revenew Chas D
7 Vacant
8 LeBlanc Albert J

Street continued

1618 Vacant
1625 Hartley Geo W
1630 Vacant
1635 Lane Nicholas J ◎ △ BE 5-6253
1636 Davis Floie R Mrs ◎ △ BE 6-0a396
SE 17th av intersects
1705 Balogh Jos ◎ △ BE 6-7803
1725 **Apartments**
1 Smith Pauline A Mrs
2 Robbin Madelyn Mrs
3 Robert Agnes D Mrs △ BE 5-1286
4 Vacant
5 Thomas H R
6 Brown Francis E △ BE 4-1175
7 Ventros Chris S △ BE 6-2062

Street continued

1733 Wiseman's Printery △ BE 6-4759
1735 **Apartments**
1 Nichols Chuck
2 Brady Effie V Mrs △ BE 5-6219
3 Chubbuck Edwin R
4 Wright Fannie H Mrs
5 Leydon Maggie Mrs
6 Bartness Josephine Mrs
SE 18th av intersect
1802 Jenkins Guy W ◎ △ BE 2-9388

10TH AVE SE 1960

10TH AV, NE—Contd
6205 Berry Robt E jr ◎ △ AT 2-1038
6217 Thomas Herman ◎ △ AT 2-4316
6220 Carey Clifford R ◎ △ AT 7-2842
6235 Watson J Russell ◎ △ AT 7-6651
6243 Proud Edw F ◎ △ AT 8-1769
6244 Zwahlen John S ◎ △ AT 2-6715
NE Holman intersects
6324 Livesay Virgil W ◎ △ AT 7-2277
633 Webster Jack D ◎ △ AT 2-2852
6336 Wolfe Harry O △ AT 8-3291
6344 Pruitt Caroline ◎
NE Highland intersects
6404 Burris Lloyd A ◎ △ AT 7-2533
6414 Smart Minna O Mrs ◎ △ AT 1-1728
6244 Abraham Claude E ◎ △ AT 2-4559
6431 Fitzgerald Ray L △ AT 2-6230
6436 Guy Geo V ◎ △ AT 4-8810
6457 Cook Willis ◎ △ AT 2-2166
174
NE Portland blvd intersects
NE Durham av intersects
NE Madrona intersects
7010 Crawford Lulu M Mrs ◎ △ BU 9-9806
7018 Demeter Paul S ◎ △ BU 9-5222
7028 Vacant
7033 Phillips Curtis J ◎ △ BU 9-7539
7114 Frichtl Wm P ◎ △ BU 5-1423
7115 Eaves Claud L ◎ △ BU 5-3055
7122 Nesbitt Albert E ◎ △ BU 5-1602
7127 Thomas John ◎ △ BU 9-6760
NE Buffalo intersects
7205 Petersen Vincent A △ BU 5-8200
7206 Orr Francis F ◎ △ BU 5-3241
7215 Jackson Adte ◎ △ BU 5-3403
7216 Deering Conrad ◎ △ BU 5-3823
7224 Keener Geo W △ BU 9-4901
7225 Winters Newt ◎ △ BU 9-6486
7235 Sedillo Ruth Mrs ◎ △ BU 5-2463
7236 Brame Herman ◎ △ BU 9-2587
7244 Williamson Thelma E Mrs △ BU 5-4840
NE Holland intersects
7405 Carmichael Calvin F △ BU 9-0107
7666 Jungling Andrew ◎ △ BU 9-6145

5
10TH AV, NW—From 1001 W Burnside north
10 **Tenth Avenue Building**
Coffee Time Cafe △ CA 3-6719
KISN Radio Sta △ CA 6-7191
penthouse Washington Natl Ins △ CA 6-4329
28 Bee Electric Serv elec appl repr △ CA 3-5136
NW Couch intersects
100 Armory Automotive Serv body repr △ CA 7-6168
100 **Armory The** △ CA 3-8716
Rooms:
3 Vacant
5 Vacant
9 State Natl Guard-249th Artillery Group △ CA 7-2700
1st A W Battalion 249th Artillery Group △ CA 2-2971
11 State Natl Guard-110th Signal 1st AW Batalllion (SP)-249th Artillery △ CA 2-6175
12 State Natl Guard-Army Advisory 249th Artillery Group △ CA 8-2087
State Natl Guard-Signal Advisor △ CA 3-9340
17 State Natl Guard-Hqs Battery 249th Artillery Group △ CA 2-2000
11 State Natl Guard-110TH Signal Co △ CA 3-6492
25 State Natl Guard-1st AW Battalion-249th Artillery △ CA 2-2971
32 State Natl Guard-Army Band
55 Vacant
Street continued
122 Armory Automotive Serv (body and paint shop)
138 Burns Dan Co whol auto parts △ CA 7-3600
NW Davis intersects
205 Levin M Co elec equip △ CA 2-0501
206 Walker Elec Wks motor repr △ CA 7-6225 and △ CA 7-1660
213 McGuire Bearing Co auto parts △ CA 6-2078
221 H G S Grinding Serv auto motor rebuilding △ CA 7-0059
222 Vacant
225 Harry's Coffee Shop restr △ CA 8-8058
226 Vacant
228 Alcholics Anonymous
229 Acme Fnshrs elec appl refinishing △ CA 3-7807
Advanced Appl Serv Co △ CA 6-3758
230 Otis Elev Co △ CA 7-5676
235 Farnham E A Co auto rper △ CA 7-1255
NW Everett intersects
300 Motor Inn Inc The restr △ CA 7-8145
301 Specialty Auto Glass Co △ CA 7-1224
306 Swire Sol barber
312 Oregon Buddhist Ch
315 Sinclair & Valentine Co ink mfrs △ CA 3-2169
322 Vacant
327 Ballou & Wright whol auto parts △ CA 7-5601
330 Columbia Auto Wks uphol △ CA 7-4674
NW Flanders intersects
404 Cronin Co The whol auto parts △ CA 7-3626
416 Peterson Industrial Products Inc whol △ CA 2-9448
430 Air Reduction Pac Co oxygen producers △ CA 7-2467
Ohio Chem Pac Co (Div of Air Reduction Co Inc) chem mfrs △ CA 7-2467
Pure Carbonic Co carbonic gas mfrs △ CA 7-2467
435 Cummings Tire Co Inc △ CA 3-6193
NW Glisan intersects
509 Eoff Elec Co whol equip △ CA 2-9411
525 Eoff Elec Co (parking)
539 Western Fire Equip Co △ CA 3-7722 and △ CA 3-7745
NW Hoyt intersects
630 Meier & Frank Co (whse)
NW Irving intersects
NW Johnson intersects
NW Lovejoy intersects

180
10TH AV, SE — From 1001 E Burnside south
9 Christian Dean B △ BE 5-3416
10 Hallwyler Printing Co litho △ BE 4-6675
1 Kuntz Wendelin G △ BE 6-8986
SE Ankeny intersects
115 Taylor Wilmer C
135 Farrell Chas J ◎ △ BE 2-6429
SE Sandy blvd intersects
SE Ash intersects
SE Pine intersects
SE Oak intersects
404 Vacant
406 Irmler Lenore E Mrs △ BE 6-0448
410 Gulbrandson Caroline Mrs △ BE 5-7840
412 Miller Dorothy M Mrs
418 Oliver Helen A Mrs △ BE 6-5412
420 Ferrier May M Mrs
423 Howard Mattie B Mrs ◎ △ BE 2-9375
SE Stark intersects
523 Carr Julia E Mrs ◎ △ BE 2-5827
529 Holland Mary E Mrs ◎
533 Kirer Jack W
539 Spring Jacob △ BE 2-0346
SE Washington intersects
606 White Ralph W △ BE 4-6765
614 Frock Clara J
SE Alder intersects
232
SE Morrison intersects
800 Perfect Fit Mfg Co auto seat covers △ BE 4-9325
SE Belmont intersects
910 Quelrolo Louie J whol prod △ OX 3-4309
915 Merchants Whol Prod Co Inc △ BE 6-4101
921 Market Club Restr
rear Johnson Card Room △ BE 5-9952
927 Gatto & Sons whol fruit and prod △ BE 5-5589 and △ BE 4-2024
935 Manning Fet Limes (br) △ BE 2-2189
SE Yamhill intersects
1000 S T Produce whol △ BE 6-8628
1014 Camp Helen M ◎ △ BE 2-5838
1030 Kibe Massey Produce Co whol △ BE 4-2118
SE Taylor intersects
1127 Oregon Brass Wks △ BE 2-7121
1138 Pein Box Co Oregon Ltd (Lbr Div) box mfrs △ BE 6-1176
SE Salmon intersects
SE Main intersects
SE Madison intersects
1427 Vacant
1429 Vacant
240
SE Hawthorne blvd intersects
1513 Marge's Cafe △ BE 6-7274
rear Spets Jas A ◎ △ BE 6-7274
1517 Western Golf Course Sup Co (whse)
1528 Davenport Elsie M Mrs △ BE 5-6214
Richey Jerry T
1532 Schmidt Anton △ BE 2-4505
1532 Mattice Jack
rear Long Caroline
1534 Lowe Wm J
1536 Vacant
rear No return
1538 Mitchell Mike
rear Berger Anna
SE Clay intersects
1610 VanHoomissen Chas J ◎
SE Market intersects
1711 Langendorf United Bakeries Inc whol △ BE 4-6421
SE Mill intersects
1810 Schetky Equip Corp truck body mfrs △ BE 4-5345
1835 Kerr Conserving Co preserve mfrs △ BE 4-2252
SE Stephens intersects
1906 Portland Truck Serv Inc repr △ BE 5-7331
SE Harrison intersects
2000 Haynes Roy △ BE 5-1884
2004 Sauter Ann Mrs △ BE 4-2588
2010 Vacant
2012 Vacant
2025 Dorrell Clifford R △ BE 6-8281
2026 Cornutt Clair N △ BE 2-3666
2034 Stofiel John H △ BE 4-6300
2035 Emerson Lawrence C
242
SE Lincoln intersects
2100 Victory Plating Wks Ore Inc △ BE 2-0175
2123 Vacant
2126 Vacant
2129 **Granten Apartments The**
1 Vacant
2 Breazeale Harold
3 Vice Carl E
4 Haas Glen
5 Strawser Harry
6 Randall Wade
7 Pugh Albert
8 Tomasini Jos
9 Vacant
10 Lyons Jac
11 Harold Howard
12 Shoney June Mrs
Street continued
2140 Vacant
SE Grant intersects
2204 Vacant
2205 House of Prayer
2217 Vacant
2225 Diel Fred C ◎ carp contr △ BE 6-6732
2231 Pittman Leroy ◎ △ BE 4-1349
SE Sherman intersects
2304 Dawson Emma J Mrs
2305 Rowe Jerry
McCreary Lucille Mrs △ BE 2-2960
2313 Wolff Martha Mrs ◎ △ BE 2-0335
2318 Moore Produce Co eggs △ BE 6-5768
2319 Wolff Emil C △ BE 6-0156
2326 Lynn Chas H ◎ △ BE 6-8243
2332 Schellenburg Genevieve A Mrs ◎ △ BE 2-9930
SE Caruthers intersects
2405 Foley John A ◎ △ BE 5-5364
2413 Jordan Irvin ◎ △ BE 5-3018
2430 Motley Hulon M ◎ △ BE 6-0731
2434 Weigel Antone ◎
2441 Porter Emmett S ◎ △ BE 5-3050
2449 Vacant
2451 Vacant
SE Division intersects
276
SE Powell blvd intersects
SE Brooklyn intersects
3033 Vacant
3035 Clark Ellen W Mrs △ BE 4-0583
3036 Seid Walter B ◎ △ BE 5-7047
3041 Jones Paris L
3044 Manig Henry J ◎ △ BE 6-3492
3100 Holloway Hazel Mrs ◎ △ BE 6-5902
3101 **Griffith Apartments**
1 Vacant
2 Strand Merlam S Mrs △ BE 6-7856
3 Anderson Wayne △ BE 5-2371
Street continued
3111 Wilson Woodrow ◎ △ BE 2-5091
3112 Haslam Carl W ◎ △ BE 5-2226
3116 No return
3117 Wilson Lillie Mrs △ BE 4-3703
3121 Dickinson Myrtle Mrs △ BE 4-7733
3126 Lewis Claude E ◎ △ BE 2-0701
3127 Hubach Fred E △ BE 4-4234
3202 Lloyd Beverly △ BE 2-2305
3204 Tate Noah ◎ △ BE 4-4657
3207 Boothe John H ◎ △ BE 4-6744
3216 Cook Ann Mrs △ BE 4-3016
Kerr Belle Mrs ◎
3223 Mobley Wm E ◎ △ BE 2-2688
3226 Warsop Darrell A △ BE 6-9332
SE Pershing intersects
3305 Morgon John H jr ◎ △ BE 5-0141
3320 Byers Hazel A △ BE 5-3541
3324 Axford Marie A Mrs ◎ △ BE 6-5746
3325 Wong Steve ◎ △ BE 5-9852
Atkinson Frank △ BE 5-9852
3334 Henderson Chas W ◎ △ BE 2-4383
3339 Spickelmier Millie E Mrs ◎ △ BE 3-3203
3340 Campbell Edw W ◎ △ BE 6-2587
3343 Vacant
3371 Keithley Herbert H ◎ △ BE 5-4055
3381 Davis Fredk L ◎ △ BE 5-6042
Struck Wilfred E △ BE 6-2307
3389 Singleton Florence Mrs ◎ △ BE 5-2029
3395 Swanson Frank W ◎ △ BE 2-8690
3399 Bable Eliz M Mrs △ BE 4-4491
SE Haig intersects
3403 Gass Thos P △ BE 4-2073
3407 Springer Bert ◎ △ BE 2-2435
3410 Reynolds Elmer L jr ◎ △ BE 5-3480
3411 Tabor Theo O ◎ △ BE 2-7835
3421 Sachtler Albert C ◎ △ BE 6-3841
3424 **Apartments**
1 Vacant
2 Vacant
3 Vacant
4 Wilson Roy A △ BE 4-8993
Street continued
3430 Mangintini Lidia Mrs ◎ △ BE 5-3534
3431 Kurkinen Sophie Mrs ◎ △ BE 6-2355
3440 Brisindi Ann Mrs ◎ △ BE 6-7692
3443 Hudson Jack L ◎ △ BE 5-5487
3448 Blevins Cap △ BE 5-5977
SE Rhine intersects
3507 Koppelman Paul D ◎ △ BE 6-5922
3508 Daniels Vera L Mrs ◎ △ BE 2-2691
3514 Gott Leonard D ◎ △ BE 5-7839
3520 Eckton Donald W ◎ △ BE 2-2422
3521 Godwin Dan W
3529 Maas Reinhold C ◎ △ BE 6-3018
Karlen Theo G ◎ △ BE 2-8254
3603 Cornell Chas D ◎ △ BE 4-8790
3613 Hoover Eliz A Mrs ◎
Renner Barbara ◎
3614 Staton Herbert G ◎ △ BE 6-3821
3622 King Arth R ◎ △ BE 2-4360
3625 Greco I Jas prod dlr ◎ △ BE 2-2669
SE Rhone intersects
3702 Seeley Donald C ◎ △ BE 5-3476
3706 Rivers Harry R ◎ △ BE 4-2641
3711 Ebner Walter F ◎ △ BE 6-8409
3718 Rooney Cecilia R Mrs ◎ △ BE 5-3323
3723 Gregg Robt ◎ △ BE 6-3723
3726 Guyer Saml T ◎ △ BE 6-1330
3735 Frelmark Fred W jr ◎ △ BE 2-0907
3740 Webb Eugenia D Mrs ◎ △ BE 2-5595
3745 Friesen Stanley A ◎ △ BE 6-7115
3755 Filipu Diamantoula Mrs ◎ △ BE 2-7846
3758 Fessler Raymond P ◎ △ BE 6-9085
3766 Stremick Morris L ◎ △ BE 5-2696
3767 Doerfler Geo B ◎ △ BE 2-3068
3775 Kaiser Andrew ◎ △ BE 2-7682
3788 Bockeler Jas J ◎ △ BE 4-8907
Johnston Jack F jr △ BE 2-6083
SE Bush intersects
3805 Scherzinger John M ◎ △ BE 6-9765
3806 Johnson Edw J ◎ △ BE 5-5898
3813 Lightle Thos R ◎ △ BE 2-9708
Carnes Rena Mrs ◎ △ BE 2-2236
3818 Schmunk Herbert ◎ △ BE 6-7535
3823 Crater Chas S ◎ △ BE 5-5158
3830 Prodinger John J ◎ △ BE 6-3194
3903 Hofele Mary M ◎ △ BE 2-7886
3908 Scott Wilma Mrs ◎ △ BE 5-2809
3915 Cornog Chas ◎ △ BE 2-7880
3918 Lancefield Ernestine Mrs ◎ △ BE 5-2515
SE Center intersects
4003 Feltz Emil E ◎ △ BE 2-6655
4006 Weber Veronica A ◎ △ BE 6-3174
4013 Knapp Kenneth J ◎ △ BE 2-5855
4014 Riffle Kenneth L △ BE 6-2213
4016 Ruffner Jack B
4018 Burns Jas E
4020 Hilton Howard C △ BE 5-3890
4024 Berry Russell J ◎ △ BE 6-3193
4025 Nizic Jos ◎ △ BE 6-2030
4105 Wager Frank J ◎ △ BE 2-6817
4106 VanOrsow Vernon J ◎ △ BE 4-7653
4115 Calouri Marian A Mrs ◎ △ BE 6-6332
4116 Kern Theo J ◎ △ BE 5-1796
4122 Miller Victor J △ BE 6-6916
4123 Pfeffer Jos ◎
SE Boise intersects
4214 Fromme Wm M ◎ △ BE 6-1708
4223 Colby Wm A ◎ △ BE 5-1805
4224 Lukenbill Daisy E Mrs ◎ △ BE 5-6379
4235 Manus Edw H ◎ △ BE 2-4593
4236 Blank Joe ◎ △ BE 5-2646
SE Cora intersects
SE Cora intersects
SE Linn intersects
8845 Stauffer Frank ◎ △ BE 5-4886
8852 Soderberg Arth C △ BE 4-4226
Anderson Gerry V
8852a Wort Bernice Mrs △ BE 4-2251
8854 Hails Wm N ◎ △ BE 6-7624
8862 Bassel Geo F ◎ △ BE 4-3716
8867 Peck Chas L ◎ △ BE 2-6631
8872 Dethman Wm B ◎ △ BE 5-4610
SE Ochoco intersects

185
10TH AV, SW — From 1101 Burnside south
SW Oak intersects
330 Irinaga Bros Serv Garage gas sta △ CA 8-4857
341 Woolach Bros tires △ CA 7-2443
350 Anna Maria Hotel △ CA 7-2649
Taylor Opal A M Mrs ◎ △ CA 7-2649
SW Stark intersects
402 Pacific Finance Loans △ CA 2-9255
Pacific Industrial Loans mtge loans △ CA 2-9255
403 Vacant
404 Vacant
409 Vacant
410 US Interstate Commerce Comm-Hearing Room
414 Gray Rolla M jr tailor △ CA 7-0714
421 Gunnary's Picture Framing △ CA 7-4832
424 Pittock Block (side entr)
425 Peacock Clns clo △ CA 8-8926
429 Killan Wm A shoe shiner
New Pfledner Bldg Barber Shop
1B-8
SW Washington intersects
501 Portland Med Center Pharm △ CA 6-6644
506 Fashion Cloak & Suit Co The (side entr)
511 **Portland Medical Center**
Rooms:
2d fl Vacant
312 Baker Harvey W phys
401 Kantor Albert G dentist △ CA 3-7315
402 Cogan Gerald L dentist △ CA 2-6673
Paulson Duane R dentist △ CA 2-6673
405 Fisher Everett J dentist △ CA 3-0835
414 Sandin Dental Sup △ CA 8-6539
416 Fisher Melvin L dentist △ CA 7-0027

Associa
Thrift
Securit
Inc.
425
S.W. St
CApito
6-363

11TH AVE SE 1960

Title & Trust Building • 321 S.W. Fourth Ave. • Branch Lloyd Center

11TH AV, SE—Contd
951 M & R Produce Inc
△ BE 4-6507
Gardners & Ranchers Assn
1010 Dairy Cooperative Assn ice cream mfrs △ BE 4-8292
1020 United Salad Co caterers
△ BE 2-7175
1037 Comella's Truck & Auto Parking △ BE 2-4977
SE Taylor intersects
SE Salmon intersects
SE Main intersects
SE Madison intersects
1412 Meyer Fred Inc (ice cream plant) △ BE 2-0949
1430 Meyers Fred Inc (candy dept)
△ CA 8-5241
240
SE Hawthorne blvd intersects
1520 Jackson Agcy The adv
△ BE 4-7316
Lee Eug E artist △ BE 4-7316
1536 Delano Studios & Aerial Surveys consl photog
△ BE 6-2139
Engineering Clinic consulting engs
Western Mapping Co
△ BE 6-2139
SE Clay intersects
1604 Buranello Bruno △ BE 6-9426
1605 Greene Barbara Mrs
1607 Storms Fred △ BE 6-9805
1612 Hing Leah ⓪ △ BE 2-1917
1615 Vacant
1616 Lang Lillian ⓪ △ BE 2-1917
1617 Vacant
1623 Vacant
1632-1716 Power-Brake Equip Co mfrs
△ BE 4-6621
1635 Vacant
SE Market intersects
1724 Rude Landscape Service
△ BE 2-9213
Rude Oscar P ⓪
1727 Stardrill Co well equip
△ BE 6-2157
1731 Underwriters Salvage Co of NY
△ BE 6-2173
1735 Kerzel Aug ⓪
SE Mill intersects
1800 Farman Russell M ⓪
△ BE 6-3849
1811 Schetky Equip Corp (stge yd)
1812 Smith Clara L Mrs
1816 Miller Berna V Mrs
△ BE 4-6934
1820 **Apartments**
1 Vacant
2 VanWinkle Curtis E
3 Hodges Cy
4 Vacant
Street continued
1832 Hood's Upholstery △ BE 2-7562
1835 Gilbertson Walter
Long R P
1835 Wright James
SE Stephens intersects
1901 Hartley & Zuercher battery dlrs
△ BE 2-6374
1906 Quircant Silvio
1908 Brigg Florence Mrs
1911 Russell Elmer L △ BE 6-6145
1917 McCarthy Ernestine Mrs ⓪
△ BE 2-7227
1918 Coulter Ben B △ BE 6-2851
1923 Fuller G D △ BE 2-4279
1825 Gress Mel (stge)
1927 **Apartments**
1 Moore Nancy L Mrs
2 Vacant
3 Engel Bruce △ BE 4-5728
Street continued
1931 Sister's Coffee Shop
△ BE 5-9712
1932 Bogdanoiveh Kath Mrs ⓪
△ BE 5-2319
1935 House Roy W △ BE 5-3600
1937 Frank's Eleventh Av Tavern
△ BE 5-9162
SE Harrison intersects
200 Smith's Grocery △ BE 5-9904
2001 Gatto Modern Shoe Repr
△ BE 5-5034
rear Gatto Antonio ⓪
2005 Sanford Sandy
2006 Allemang Roswell E
△ BE 5-2472
2007 Vacant
2008 Phillips Sanitary Barber Shop
2013 Arback Sam junk dlr
△ BE 6-1321
2014 Messineo Santino Mrs ⓪
△ BE 4-3439
2023 Gilliam Gus △ BE 5-7841
2026 Hecker Wm
2029 Howell Lillian Mrs ⓪
△ BE 5-7077
2032 No return
2034 Templeton Albert H
△ BE 6-8337
2035 Anderson Marie H Mrs
△ BE 2-9881
2036 Thomas Wm
2038 McClarin Arnold △ BE 4-1871
242
SE Lincoln intersects
2105 Alloy Plating & Polishing Co Inc △ BE 6-3448
2112 No return
2115 Thompson E D △ BE 6-6852
2118 Vacant
2123 Vacant
2124 Craig Darell M ⓪ △ BE 2-8874
2128 Lee Patk O ⓪ △ BE 2-7271
2131 Marion's Gro & Mkt
△ BE 5-9921
2139 Marion's Gro & Mkt (store rm)
SE Grant intersects
2201 Achilles Gro △ BE 5-9372
2204 Vacant
2213 Littlefield Elmo D
△ BE 2-1294
2214 Linccum Violet L Mrs ⓪
2215 Larsen Chris
2224 Hall Hazel V ⓪ △ BE 2-1442
2234 Vacant
2235 Pacific Fence & Wire Co mfrs
△ BE 4-5358
SE Sherman intersects
2303 Cochran Helen L Mrs
△ BE 6-5454
2306 Wilson Marie Mrs △ BE 5-1304
2311 Baker Mary L Mrs ⓪
△ BE 2-5943
2312 Vacant
2317 Nelson Robt B ⓪ △ BE 4-4244
2321 Tompkins Agnes M Mrs ⓪
△ BE 5-4783
2322 Taylor Les
2328 Scoffone Carlo ⓪ △ BE 5-3302
2329 Jones Rolly ⓪ △ BE 2-8692
2335 Eichman John ⓪
2338 Summers Glenn S ⓪
△ BE 4-3267
SE Caruthers intersects
2405 Mudgett Lawrence △ BE 6-0741
2407 Saiget Won Mrs △ BE 6-0597
2408 Pazzo Jos ⓪ △ BE 4-2956
2418 Weedman Urville ⓪
△ BE 6-7210
2425 Larson Edw C ⓪ △ BE 5-5947
2428 Samplertro Corrado E ⓪
△ BE -1768
2430 Agnew Willard L ⓪
△ BE 2-0744
2434 Larson Maynard E ⓪
△ BE 5-6086
2442 Vacant
SE Division intersects
2505 **Building**
Consolidated Whses Div of Frtways Inc
Rooms:
101 Waldon Pacific Co mfrs agt
△ BE 5-8307
102 Bowman Arth Inc hortioultural sups △ BE 2-2835
McHuchison & Co horticultural sups △ BE 2-2835
103 Granato Ralph C ins
△ BE 4-5951
104 Delbreuck W C & Inc glass importers △ BE 4-9691
105 Ogle Jack & Co machy dlrs
△ BE 5-4080
108 Consolidated Sales Inc food brokers △ BE 5-6619
111 Wiley-Bayley Inc (br) bldg materials △ BE 5-0177
112 Granato Ralph ins △ BE 4-5951
114 Red Star Yeats & Products Co mfrs △ BE 2-9245
115 Benson W Ronald Inc chem mfrs △ BE 2-2781
201 Smith & Kline Inc food brokers
△ BE 4-5356
210 Consolidated Frtways (Western Area Accounting Serv)
△ CA 7-2561
Street continued
2528 Fewel-Comer Co food brokers
△ BE 2-8144
2536 Patek & Co lndry sups
△ BE 6-4191
276
SE Brooklyn intersects
SE Powell blvd intersects
3013 Krauss Trimming Co uphol trimmings △ BE 6-1302
3027 Schmitt Geo A ⓪ △ BE 6-0995
3101 Vacant
3109 Vacant
3115 Beaumont Johanna A Mrs ⓪
△ BE 2-8785
3205 Taft Eliz Mrs ⓪ △ BE 4-7711
3209-13 **Apartments**
1 Postle Mattie Mrs △ BE 6-7353
1B Peterson Eva Mrs
2 Stovenson Eliz F Mrs
△ BE 5-1169
2B Squires Harry E △ BE 4-4111
3 Hansen Wm jr
4 Moore Cora M Mrs
5 Richardson Marie A
△ BE 5-5063
6 Hough Albert R △ BE 5-2670
7 Vacant
8 Thomas Elta M Mrs
△ BE 4-1763
SE Franklin intersects
3323 Wilson Wm P ⓪ △ BE 6-3404
3333 **Apartments**
1 Colby Clara C Mrs ⓪
△ BE 4-5905
3 Thornton Eliz Mrs
3 Vacant
4 McEntee Chas
5 Vacant
Street continued
3345 Cook Robt C △ BE 5-6946
SE Haig intersects
3423 Koppy Lawrence J △ BE 6-6093
3424 Christen Paul P ⓪ △ BE 2-2458
3433 Brown Paul B ⓪ △ BE 2-0611
3447 Pratton Don L △ BE 4-2271
SE Rhine intersects
3505 Zimmerman Emily Mrs ⓪
△ BE 6-6168
3513 Minor Carlos L ⓪ △ BE 6-0504
Wells Ida L Mrs △ BE 5-7185
3516 Hongland Dorothy Mrs ⓪
△ BE 4-8083
3531 Gleaves Leland
3537 Haverly Sadie H ⓪ △ BE 4-7756
3540 Lawson Clarence J ⓪
3605 Malotte Marion F ⓪
△ BE 6-3302
3606 Pangge Richd L △ BE 2-2830
3613 Hahn Chester C ⓪
3614 Knowles Jessie G Mrs ⓪
△ BE 2-8317
3622 Vacant
SE Rhone intersects
3705 George John W ⓪
△ BE 6-2542
3714 Pippy Beatrice M ⓪
△ BE 2-2576
3715 Gersch John T ⓪ △ BE 6-2721
3722 Schoenfeld Ralph H ⓪
△ BE 5-3957
3723 Salerno Frank P ⓪
△ BE 6-5471
3737 Beckel Saunders T ⓪
△ BE 5-2695
3746 Schechtel Peter A ⓪
△ BE 2-2570
3747 Gee Kathlen Mrs ⓪
△ BE 5-4892
3755 Hanson Harry W ⓪
△ BE 4-4293
3760 Vacant
3765 Spitulski Zigmund ⓪
△ BE 2-5986
3780 Kuppler Herman C ⓪
△ BE 5-5300
3783 Bechtold Chas ⓪ △ BE 2-0686
3786 Palermint Raymond F ⓪
△ BE 5-3072
SE Bush intersects
3803 Immel Frank ⓪ △ BE 5-6287
3810 Sacred Heart Convent
△ BE 6-7883
Sisters of StBenedict
△ BE 6-7883
3815 Immel Eliz Mrs ⓪
3822 Sacred Heart Catholic School
3825 Pohl Jos ⓪ △ BE 6-9683
3905 No return
3910 Benedict Paul Rev △ BE 6-1837
3915 Rohan Agnes C Mrs ⓪
△ BE 4-2960
3921 Kelner Mark P ⓪ △ BE 2-4486
3926 Sacred Heart Catholic Church
SE Center intersects
4009 Niedermeyer Jos J ⓪
△ BE 6-3677
4014 Lair Loretta A Mrs ⓪
△ BE 2-6008
Schlechter Jack J △ BE 2-6008
4024 Riehl Melania Mrs ⓪
△ BE 6-0104
Hunter Jas E ⓪ △ BE 4-2435
4103 Mayer Harold A ⓪ △ BE 5-6368
4108 Reznick Frank J ⓪ △ BE 5-2857
4117 Moffenbeier Walter L ⓪
△ BE 5-4946
4118 Martini Fred J ⓪ △ BE 2-8975
4121 Meermeier Paul △ BE 4-1420
4123 Brady John P △ BE 6-3970
4124 Rich Albert D ⓪ △ BE 2-753
SE Boise intersects
4206 Ruffin Roy
4207 Newman Francis I ⓪
△ BE 6-9072
4212 Fitzgerald Ella C ⓪
4215 Harless Clarence F ⓪
△ BE 4-1734
42233 Hamilton Sidney J
△ BE 5-0785
4226 Flaherty Harley B ⓪
△ BE 2-2333
4235 Petrusich John ⓪ △ BE 5-2673
4236 Charais Oliver J ⓪
△ BE 6-6247
4245 Kubat Anthony R ⓪
△ BE 6-6125
SE Cora intersects
4321 Vacant
4328 Fortin Geo
4330 Short Neil O △ BE 2-9966
SE Mall intersects
328
SE Sellwood blvd intersects
7533 Estep Mae Mrs △ BE 6-8062
7538 White Walter B ⓪ △ BE 6-4653
SE Flavel intersects
SE Rex intersects
7631 Spulock Henry A ⓪
△ BE 6-8030
SE Malden intersects
7705 Bishop Richd L ⓪△ BE 4-2762
7708 Noll Sidney O △ BE 6-2432
SE Lambert intersects
7824 Ormae Dorothy Mrs ⓪
△ BE 5-2581
7836 Neagle Dennis L ⓪
SE Bidwell intersects
7855 Moore Ward L △ BE 2-1546
7865 Shipley John J ⓪ △ BE 6-4459
7873 Ouderkirk Rosalie P Mrs ⓪
△ BE 6-8698
7879 Pelkey Beatrice Mrs ⓪
△ BE 2-6700
SE Lexington intersects
SE Miller intersects
7970 Lancaster Paul E ⓪
△ BE 6-1564
7971 Ritchie Geo ⓪ △ BE 4-1904
SE Nehalem intersects
8015 Powers Kathleen M ⓪
△ BE 5-1504
8017 Sawyer Roy W △ BE 2-3790
8029 Hohler Kathryn B Mrs ⓪
△ BE 6-2525
SE Spokane intersects
8057 Dixon Clarence W △ BE 5-1693
8059 Dixon Blanche B Mrs ⓪
△ BE 5-0042
8067 Bollinger Eliz F Mrs ⓪
8072 Sellwood Baptist Church
△ BE 4-1566
332
SE Tacoma intersects
8111 Stilger Eliz R Mrs ⓪ BE 2-9280
8114 Murphy Clifford E ⓪
8125 Wallman Svea L
8133 Vacant
8134 Livingston J M Burley
△ BE 4-8630
SE Tenino intersects
8205 No return
8210 Holland L Ray △ BE 4-1404
8214 Hockett Glenn A ⓪ △ BE 5-5471
8215 Hood Effie J Mrs ⓪
△ BE 4-2880
8232 Hood Narcissa W Mrs
△ BE 2-9820
8234 Lynch C Gilbert △ BE 6-4854
8236 Egger Waller
8238 Abele Roger C △ BE 6-3577
SE Umatilla av intersects
8306 Berg Geo ⓪
8324 Nelson Ralph R ⓪
△ BE 6-5111
8325 Loberg Lloyd J △ BE 5-2601
8334 Jones Arth W ⓪ △ BE 6-4095
8335 Rorer Robt L △ BE 5-1683
SE Harney intersects
8403 Wolcott Clay J ⓪ △ BE 5-4644
8415 Vacant
8416 Hankey Ralph T ⓪ △ BE 5-6272
8424 Moser John A ⓪
8426 Rappe Horace L △ BE 6-4371
8427 Drum Linda L Mrs ⓪
△ BE 2-0461
8435 No return
SE Sherrett intersects
8507 Pringle Leta G Mrs ⓪
△ BE 2-5400
8508 Danielson Celia Mrs ⓪
8515 Ford John L ⓪ △ BE 4-4057
8516 Arbuckle Glen W
8524 Hurlock Barbara J △ BE 5-6549
8525 Miller Thos O ⓪ △ BE 6-8593
8526 Vacant
8534 Burson Otis G △ BE 4-1375
8535 Eoff Max G ⓪ △ BE 4-2914
SE Clatsop intersects
8604 Sams Jas L ⓪ △ BE 4-1687
8605 **Apartments**
1 Landsberg Minnie Mrs ⓪
△ BE 4-9035
2 Johnson Melvin
3 Ryan Daonald
4 Bazil Warren R
Street continued
8614 Madison Robt ⓪ △ BE 5-2446
8615 Snair Wm F △ BE 6-5707
8622 Lee Virginia J Mrs
8623 Wannamaker Esther Mrs ⓪
△ BE 5-4506
8624 Reed Wm D △ BE 6-3663
8633 Santilli Guido ⓪ △ BE 2-2065
8634 **Electric Apartments** △ BE 6-1932
1 Stout Joe
2 Clarke Betty A Mrs
3 Vacant
4 Little Ella Mrs
5 Mumpomer Ray
6 Bryant Jim
7 Maurer John
8 Martino Rufus
9 West Frank
10 Boehm Oscar C △ BE 6-1932
11 Burch Wm P △ BE 2-5788
12 Pohlorie Osie Mrs
SE Marion intersects
8705 Stofiel Edw C ⓪ △ BE 4-3005
8712 Tomes John J ⓪
8714 Clifford Gerald P Rev
△ BE 4-8984
8715 Brown Marvin E ⓪ △ BE 5-7893
8716 Chiddix Helen E Mrs
△ BE 2-2800
8723 Vacant
8724 Volberding Alidia E ⓪
△ BE 4-2146
8735 Marquart Raymond M
SE Linn intersects
8825 Vacant
8851a Olson Constance A Mrs
△ BE 6-0789
8851a Chambers Clarence W
8870 Kinish Anthony A ⓪
△ BE 4-1033

1B-6
11TH AV, SW—From 1101 W Burnside south
311 Wentworth & Irwin Inc (body shop)
315 Vacant
316 Renoux Marcelle Dance Studio
△ CA 8-0705
321 Vacant
322 Trees Hotel △ CA 7-5591
Galup Della E Mrs ⓪
SW Stark intersects
409 Nortonia Hotel △ CA 7-1181
Am Legion Post No 1
△ CA 2-2422
Am Legion Auxiliary Unit No 1
Cogan Lolus T ⓪
Paradise Rm cocktail lounge
Nortonia Hotel Cigar Stand
416 Ore Artificial Limb Co Inc
△ CA 3-7051
421 Secretary of State Campaign Headquarters △ CA 7-0641
422 Vacant
427 **Telegram Building**
Community Council
△ CA 8-6451
Portland Community Chest
8-6451
United Good Neighbors
△ CA 8-6451
United Fund △ CA 8-6451
Mental Health Assn of Ore
△ CA 8-6571
428 Vacant
SW Washington intersects
506 Med Center Parking
△ CA 3-7074
517 Morris Printing Co △ CA 3-0487
521 Cokesbury Book Store
△ CA 8-8581
Methodist Publishing House (br)
△ CA 8-8581
527 Carlyle Hotel △ CA 8-8936
Glannik John G ⓪ △ CA 3-5004
1B-7
SW Alder intersects
601 LaCantina Importers wines
△ CA 7-8158
607 Gilligan Ronald E opton
△ CA 7-3240
611 Research Products optics & microscopes △ CA 6-4529
614 Vacant
615 Beauty Products Co (side entr)
619 **Recreation Building**
Oregon Blue Shield Plan ins
△ CA 2-3251
Oregon Physicians Serv
△ CA 2-3251
620 Vacant
624 Vacant
SW Morrison intersects
712 Charls & Larry Hairdressers beauty shop △ CA 7-0112

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2-290
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AANH
and
OLNH, In
6821 S.
112th Av
Phone
PRospec
4-852

11TH AV, NE—Contd
3106 Morey Geo O jr ⓪ △ AT 2-5931
3116 Sinner Lena Mrs ⓪ △ AT 7-5356
3117 Cheyne Milo C ⓪ △ AT 4-4063
3126 Washington Cecil ⓪ △ AT 1-8706
3129 Helm Anna J Mrs ⓪ △ AT 7-9349
3132 Wiebe Norman C ⓪ △ AT 4-7413
3137 Entler Martha R ⓪ △ AT 1-3357
3146 Hicks Arth W △ AT 7-0942
3147 Sandstrom Harold K ⓪ △ AT 2-6036
3206 Daly John A ⓪ △ AT 4-0827
3207 Young Fred S ⓪ △ AT 1-3876
3213 McIntyre Lucius G ⓪ △ AT 7-1663
3216 McIvar Wm T ⓪ △ AT 4-4795
3221 Endicott Harold W △ AT 1-9301
3222 James Arth R ⓪ △ AT 1-6942
3236 Cox Wm R △ AT 1-3522
3237 Richardson Jas F ⓪ △ AT 4-3734
3241 Solberg Arne L ⓪ △ AT 7-5714
3242 Ramussen Maria Mrs ⓪ △ AT 7-0967
NE Klickitat intersects
3307 Hooper Virginia E Mrs ⓪ Murray Leslie W jr △ AT 4-5091
3308 Kohl Wallace L ⓪ △ AT 2-6214
3316 Kehm David ⓪ △ AT 2-1409
3317 Schmidt Martin ⓪ △ AT 8-1845
3323 Schmidt Fredk R ⓪ △ AT 8-2607
3326 Henderson W Glenn ⓪ △ AT 2-3012
3335 Wayner Idella H Mrs ⓪ △ AT 7-0950
3336 Huck Margt Mrs ⓪ △ AT 2-2313
3343 Leppart Lena Mrs ⓪ △ AT 1-0942
3346 Marjerrison Matthew N ⓪ △ AT 2-1487
3403 Lehl Geo ⓪ △ AT 4-0886
3406 Tokstad Martin ⓪ △ AT 2-8839
3416 Foster Mary S Mrs ⓪ △ AT 8-3[illegible]3
3417 Beadling Walter C ⓪ △ AT 4-1293
3426 Cour Ellz Mrs ⓪ △ AT 1-8442
3427 Johnson E Arth ⓪ △ AT 1-8698
3433 Gullans Hiram N ⓪ △ AT 4-2831
NE Fremont intersects
3506 Harding Alfred △ AT 2-0696
3507 Scott Isaac ⓪ △ AT 4-5998
3512 Fettig Anton ⓪ △ AT 7-2092
3513 Schmer Mary E Mrs ⓪ △ AT 8-427[illegible]
3523 Miller Henry G ⓪ △ AT 1-7468
3524 Randle Guy F △ AT 1-9116
3532 Bailey Wm L ⓪ △ AT 7-9240
3533 Hinkle Malcolm F △ AT 8-1974
3606 Vacant
3607 Doyle Loren C △ AT 7-1880
3612 No return
3613 Green Jimmie ⓪
3622 Reid O Jose ⓪ △ AT 1-8546
3623 Christmas Nick Jr
3633 King Willie B Mrs ⓪ △ AT 7-6376
124
E Beech intersects
3717 Martin Chris △ AT 7-9410
3718 Klaus Henry ⓒ garbage collin serv
3727 Miller Anna M Mrs ⓪ △ AT 2-1237
3728 Hanke Rudolph ⓒ garbage collin serv △ AT 1-7480
3736 Albert John ⓒ △ AT 8-3569
3803 Vacant
3806 Tomkins Margt Mrs
3816 Fitzgerald Geo W ⓪ △ AT 4-3469
3817 Vacant
3825 Nelson Walter G ⓪ △ AT 2-6770
3828 Ross Richd L ⓪ △ AT 8-3601
NE Failing intersects
3911 Poole Marion A ⓪ △ AT 2-4126
3912 Church Meredith K Mrs △ AT 4-4796
3914 Ceglar Tony J
3916 Thorn Frank W
3926 Henry David F △ AT 7-2376
3927 Nicklin Henry W △ AT 7-7749
3931 Geist Danl J ⓪ △ AT 7-0489
3932 Urbach John ⓪ △ AT 1-5628
3942 Holbrook Louis ⓪ △ AT 4-7678
3955 Niedens Julia Mrs ⓪ △ AT 2-2507
3958 Smith Henry E ⓪ △ AT 7-0388
3966 Pierson Orel ⓪ △ AT 8-1032
3967 Vacant
NE Shaver intersects
4005 Vacant
4006 Anderson Perry C △ AT 2-7824
4015 Glanz Henry ⓪ △ AT 4-3844
4016 Richardson Benj F ⓪ △ AT 7-5912
4025 Coffee Mildred M Mrs ⓪
4026 Delaney Leland J ⓪ △ AT 4-6279
Delaney Larry J
4035 Trebelhorn Richd J △ AT 8-1434
4036 Smith Isabella Mrs ⓪ △ AT 2-9472
4046 Melcher Gustaf ⓪
4047 Weitzel Kath Mrs ⓪ △ AT 7-0988
4055 Tage Peggy Mrs ⓪ △ AT 1-7244
4056 Lewis Elmer ⓪ △ AT 7-7870
4064 Polk Vernon ⓪ △ AT 2-1618
4067 Meisner Carl ⓪ △ AT 7-0039
4072 Norris Bennie L ⓪ △ AT 4-4436
4077 Ruth & Paul's Grocery △ AT 2-5194
Traff Sueford P ⓪ △ AT 2-5194
NE Mason intersects
4105 Ryan Danl J ⓪ △ AT 7-8246
4115 Hickerson Alphonse A ⓪ △ AT 2-8236
4127 Noyes Ellen C Mrs ⓪ △ AT 2-5203
4134 Betich Peter L ⓪ △ AT 1-2831
4137 Bardin Lee F ⓪ △ AT 8-2137
4205 Nelson Arth ⓪ △ AT 1-0747
4215 Brill Constantine E ⓪
4231 Roelandt John ⓪ △ AT 7-0684
NE Skidmore intersects
4315 Ollerman Hazel M △ AT 7-0435
4316 Vacant
4324 Ligatich Anthony R △ AT 7-1898
4325 Stennett Kenneth L ⓪ △ AT 7-0369
4407 Goodwin Robt ⓪ △ AT 1-4968
4418 Crews Sadie B Mrs ⓪ △ AT 2-0390
144
NE Prescott intersects
4525 Schmidt David ⓪ △ AT 1-8781
4526 Hall Jimmie O ⓪ △ AT 1-3322
4534 Scheideman Dan ⓒ garbage collr △ AT 1-4096
4537 Herman Herbert ⓪ △ AT 7-7517
NE Going intersects
4618 Thomson Wm H ⓪ △ AT 2-8075
4705 Rhone Theo R
4706 Pettit Florence E Mrs ⓪ △ AT 2-4073
4174 Plazza Phillip M ⓪ △ AT 4-3933
4715 Brown Aaron jr ⓪ △ AT 4-2651
4724 Oliver J C ⓪ △ AT 7-9051
4725 Crammer Albert A
NE Wygant intersects
4808 Swanberg Robt E ⓪ △ AT 1-5918
4814 Vacant
4815 Nelson Hallie W Mrs ⓪ △ AT 1-2866
4822 Crawford Arth T ⓪ △ AT 1-2976
4823 Keller Henry ⓪ △ AT 2-5870
4833 McIntosh Geo D ⓪ △ AT 1-7712
4842 Metzler David ⓪ △ AT 7-6409
4845 Bigley Myrtle W Mrs ⓪ △ AT 4-6831
4848 Starkey Bruce L △ AT 7-4164
4857 McNeill Bernard E ⓪ △ AT 2-1163
Humboldt intersects
4905 Hinton Arth P △ AT 7-3034
4911 Schneider Andrew D ⓪ △ AT 1-8956
4912 Wegner Louis H ⓪ △ AT 1-5694
4919 Barry John ⓪ △ AT 1-2645
4920 Pugh Worth P ⓪ △ AT 2-8838
4927 Daniels Hugh J ⓪ △ AT 1-9393
4928 Welby Reuben S ⓪ △ AT 8-4659
4934 Hoover Vivian Mrs ⓪ △ AT 2-7512
4935 Hanson Henry J ⓪ △ AT 2-8716
4942 Tellis Roosevelt △ AT 1-0320
NE Alberta intersects
5015 Esimo Vincent A ⓪ △ AT 4-1645
5016 Vacant
5028 Riley Neal J ⓪ △ AT 8-3963
5034 Baron Christian ⓪ △ AT 1-3713
5035 Kato Tony T ⓪ △ AT 1-4996
5041 DePeel Robt K ⓪ △ AT 7-5182
5044 Clark Wm G ⓪ △ AT 2-5180
5048 Pierce Oliver ⓪ △ AT 2-2388
NE Webster intersects
5109 Vacant
5129 Whiteman Barnard E
150
NE Sumner intersects
NE Emerson intersects
5304 Erwert Peter △ AT 2-6627
5305 Nelson Clarence ⓪
5310 Gruenig Elise Mrs ⓪ △ AT 7-0240
5311 Erdner Herbert C ⓪
5321 Low Herschel B ⓪ △ AT 1-9581
5322 Ragland Louis A ⓪ △ AT 7-0971
5403 Carlson Hugo J ⓪ △ AT 7-7296
5404 Cauley Leo G ⓪ △ AT 7-1756
5416 Stankovich Geo ⓪ △ AT 7-7605
5424 Smith Laura E Mrs ⓪ △ AT 7-5829
NE Killingsworth intersects
5504 Walter Ralph L ⓪ △ AT 1-3957
5514 Thompson Zelma L Mrs ⓪ △ AT 7-0394
5515 Kramer Manuel J ⓪ △ AT 2-1101
5516 Kreiger Willis M △ AT 2-0417
5525 Cruse Chas E ⓪ △ AT 7-1738
5526 Dupree Hallie Mrs ⓪ △ AT 2-1957
NE Church intersects
5604 Davis Walter G ⓪ △ AT 7-6966
5605 Hughes Esther I Mrs ⓪ △ AT 1-3101
5614 Ely Chas B ⓪ △ AT 8-3416
5615 Osmera Raymond R ⓪ △ AT 4-6095
5617 Vacant
5623 Alsip Aaron H ⓪ △ AT 8-1253
5624 Young Jas H ⓪ △ AT 4-7122
5634 Dirks Peter P ⓪ △ AT 8-3663
5635 Sisk Edw B ⓪ △ AT 2-5019
5704 McKay Raymond E ⓪ △ AT 4-5840
5705 Howard Elsie Mrs ⓪ △ AT 4-3346
5712 Owen Margt Mrs △ AT 7-9374
5715 Johnson Andrew ⓪ △ AT 2-7096
5724 Woell Louis A ⓪ △ AT 7-5719
5727 Sabin Earl L ⓪ △ AT 1-6778
5732 Bolen Clara M ⓪ △ AT 7-4331
5735 Bryant Albert M ⓪ △ AT 7-4182
NE Jarrett intersects
5804 Szanto Laszlo ⓪ △ AT 2-0747
5805 Zangerle Howard W ⓪ △ AT 4-1635
5814 Erickson Inga L Mrs ⓪ △ AT 4-8501
5815 Metzenberg Ernest W ⓪ △ AT 4-7661
5824 Brathauer Dale E △ AT 7-6884
5825 Petroff Mike M ⓪ △ AT 8-3272
5835 Petterson Lydia K Mrs ⓪ △ AT 7-9126
5840 Wadsworth Kenneth M △ AT 1-8122
5845 East Ernest H ⓪ △ AT 2-8471
5846 Krauche Paul △ AT 8-2887
5852 Granstrom Ida Mrs ⓪ △ AT 1-7247
5901 Sorber Mary R Mrs ⓪ △ AT 7-0257
5910 Draper Jas E △ AT 2-6224
5913 Cole Ivan W ⓪ △ AT 7-7248
5919 Pill Edw △ AT 8-3470
5922 Read Maurice A ⓪ △ AT 7-8362
5924 Vacant
5932 Mickler Arth E ⓪ △ AT 7-7181
5933 Trindall Harold J ⓪ △ AT 7-1848
5948 Williams Geo P ⓪ △ AT 4-6900
168
NE Ainsworth intersects
6023 Zorn Boris P ⓪ △ AT 1-3242
6026 Vacant
6035 Crawford Jack S ⓪ △ AT 2-2924
6036 Dooney Robt G ⓪ △ AT 4-8484
6106 Choy Wing M ⓪ △ AT 4-8038
6107 Nelson Minnie O Mrs ⓪ △ AT 8-3168
6112 Donaldson Ralph ⓪ △ AT 7-8662
6113 Allphin Asta W △ AT 2-3813
6124 Risbick John ⓪ △ AT 7-4367
6125 Kitchen Walter F △ AT 2-8263
6135 Schnider Jack E △ AT 1-7713
6204 Robinson Lester ⓪ △ AT 2-3633
6205 Wolf Dorothy S Mrs ⓪ △ AT 8-4205
6215 Baker Lila L Mrs ⓪ △ AT 2-9135
6216 Kershaw Edwin L ⓪ △ AT 2-8372
6225 Smith Ethel Mrs ⓪ △ AT 7-6380
6226 Burton Robt M ⓪ △ AT 2-0256
6235 Bertruchi Geo L ⓪ △ AT 8-1977
6243 Georgeson Evangeline G Mrs ⓪ △ AT 4-0027
6244 Archambeau Mable E ⓪ △ AT 1-6606
NE Holman intersects
6305 Vacant
6310 McDonald Andrew ⓪ △ AT 1-4552
6322 Vacant
6323 Maloney Jas W ⓪ △ AT 2-2905
6337 Smith Ada Mrs ⓪ △ AT 7-0096
6347 Beavers Clyde △ AT 4-8139
6419 Smith Irene
NE Durham intersects
174
NE Oneonta intersects
7011 Jones Duane ⓪ △ BU 9-4413
7021 Hinkeley Harry B ⓪ △ BU 5-3413
7029 Kennedy Lee B △ BU 9-5186
7037 Waible John P ⓪
7045 Morgan Eunice E Mrs
7103 Ward Annabelle E Mrs △ BU 9-0989
7107 Clark Sonia Mrs △ CA 3-3279
7121 Enfield Clarinda L Mrs ⓪ △ BU 5-3334
NE Buffalo intersects
7200 Woodlawn School △ BU 5-1542
7205 Schaefer Rudolf ⓪ △ BU 9-1971
7215 Kimball Harold F ⓪ △ BU 5-2655
7225 Lester Albert G △ BU 9-8043
7235 Beglau Chas C ⓪ △ BU 9-9987
7253 Vacant
NE Holland intersects
7329 Weldon Arth J ⓪ △ BU 9-5179
NE Stafford intersects
NE Lombard intersects
7500 Buick Motor Div (whse)
NE Russet intersects
7603 Molinari Domenico ⓪ △ BU 5-1821
7624 Gagne Jos E ⓪
7634 Duff Ambrose ⓪ △ BU 5-1873
NE Baldwin intersects
7642 Kinoshita Jos M ⓪ △ BU 5-2336
N E Columbia blvd intersects

5
11TH AV, NW — From 1101 W Burnside north
24 Wentworth & Irwin Inc (garage and parts dept)
NW Couch intersects
NW Davis intersects
NW Everett intersects
308 Western Seat Cover Co △ CA 2-9171
315 B & Z Automotive Serv reprs △ CA 7-7474
317 Heitkemper E B Towning & Stge △ CA 7-0936
334 Herman's Men's Stores Inc △ CA2-1647
NW Flanders intersects
403 Vacant
415 Maremont Automotive Whse △ CA 2-9713
418 US PO-Parcel Post Annex △ CA 6-3361
NW Glisan intersects
528 Eoff Elec Co (whse)
535 Vacant
537 Speedometer Serv & Instrument Co auto repr △ CA 6-4964 and △ CA 7-3700
NW Hoyt intersects
610 Northwestern Transfer Co (whse No 4) △ CA 7-5654
NW Johnson intersects
710 Internatl Forwarding Co △ CA 7-5571
931 Vacant

180
11TH AV, SE — From 1101 E Burnside south
15 House of Lloyd prntr △ BE 6-3648
17 Goldstein's & Co clo mfrs △ BE 2-9195
21 Grand Elec Inc contrs △ BE 4-9329
22 Under construction
55 Custom Auto Upholstery △ BE 6-8803
SE Ankeny intersects
SE Sandy blvd intersects
106 Woolach Bros tires △ BE 4-9595
120 Ireland Wm △ BE 2-7717
Seal Robt A △ BE 4-2555
123 Stevens Josephine Mrs △ BE 5-5446
125 James Sanford U △ BE 6-5697
126 Schaaf Ethel M Mrs △ BE 2-3929
138 Johnson Edith Mrs Caparelli Mildred I ⓪
SE Ash intersects
208 Cleghorn John E ⓪ △ BE 5-0491
212 Radke Edna
216 Jones Grover C ⓪ △ BE 5-7532
221 Troy Lndry (side entr)
230 Weaver Geo W △ BE 5-4406
SE Pine intersects
305 Tanory Abr A ⓪ △ BE 5-7277
330 StFrancis of Assisi Rectory Raleigh Michl J Rev △ BE 2-5880
335 Vacant
SE Oak intersects
417 Reid-Strutt Co Inc machy △ BE 4-5011
SE Stark intersects
514 VanDusen Wilfred L ⓪ △ BE 6-7025
518 Fraser Lillian E Mrs
523 Tillman Maude E ⓪ △ BE 2-2205
524 Rane Thos D △ BE 4-4955
SE Washington intersects
602 Peterson Body Serv auto reprs △ BE 5-4305
603 Vacant
615 May John △ BE 4-5109
622 Silcox Helen F Mrs ⓪
630 Greenwald Louis F ⓪ △ BE 2-1374
634 Hymas Florence E Mrs ⓪ △ BE 5-7836
SE Alder intersects
711 **Meiclffe Court Apartments** △ BE 5-9777
Kent Leo P △ BE 4-9177
A Tyler Don △ BE 6-0405
B Hanna Pearl N Mrs △ BE 4-1430
C Grande Jos
D Harring Edw △ BE 5-0830
1 Schulze Clara Mrs △ BE 2-9051
2 Elsner Albert
3 Simmons Archie △ BE 4-4191
6 Moore A
7 Knapp Gaynelle S Mrs △ BE 4-4521
21 Butler Louise Mrs
22 LeClaire Charlotte Mrs △ BE 5-1377
23 McHenry Fred
24 Brenner Grace Mrs △ BE 5-2786
25 Perry Mattie R Mrs △ BE 5-0501
26 Zuker Elaine △ BE 4-6777
27 Southmayd David
31 Moser Anna Mrs △ BE 2-3538
32 Davis Ann Mrs △ BE 4-2931
33 Martin Nellie Mrs △ BE 4-7814
34 Potts Lucille C △ BE 2-7705
35 Sims Clifford
36 Keller Mary Mrs
37 Dugan Ella Mrs △ BE 6-0315
41 Turner Hazel A Mrs △ BE 5-1000
42 Kennedy Martha Mrs
43 Moen Andrew
44 Williams Peggy Mrs △ BE 2-0504
45 Warner Sarah O Mrs
46 Disney Della Mrs △ BE 6-1820
47 Caul Florence Mrs △ BE 4-5760
101 Wardrop Earl E △ BE 6-3980
102 Westberg John
103 Gentry Eliz
104 Dickson Harvey H △ BE 2-1030
105 Higgins Fred
106 Bjorn Eric
201 Penny Ida Mrs
202 Dargatz Eleanore M △ BE 5-7129
203 Brewer Eliz Mrs △ BR 2-4894
204 Hendrickson Ethel A △ BE 2-3493
205 O'Donnell Laura
206 Sams Gould F △ BE 6-8723
301 Hammer Edw
302 Robinson Arth M △ BE 6-7909
303 Landfair Clara Mrs △ BE 4-7064
304 Brechtbill Jennie L Mrs △ BE 2-6292
305 Nemetz Earl A
306 Howard Joe A
401 Cameron J Donald △ BE 5-8263
402 Lester Berjetta Mrs △ BE 2-6534
403 Barnes Gladys Mrs △ BE 4-2507
404 Miles Eug
405 Geoghnour Gertrude
406 Dickson Lulu J △ BE 6-9803
Street continued
716 Pub Library (East Portland br) △ BE 2-9661
720 Mortensen A W Co (ofc)
728 Dickensheets & Potter food brokers △ BE 4-6467
730 Columbia Exporters Inc △ BE 4-5383
232
SE Morrison intersects
819 County Garage △ CA 7-8441
SE Belmont intersects

11TH AVE SE 1960

Title & Trust Building • 321 S.W. Fourth Ave. • Branch Lloyd Center

11TH AV, SE—Contd
951 M & R Produce Inc
△ BE 4-6507
Gardners & Ranchers Assn
1010 Dairy Cooperative Assn ice cream mfrs △ BE 4-8292
1020 United Salad Co caterers
△ BE 2-7175
1037 Comella's Truck & Auto Parking △ BE 2-4977
SE Taylor intersects
SE Salmon intersects
SE Main intersects
SE Madison intersects
1412 Meyer Fred Inc (ice cream plant) △ BE 2-0949
1430 Meyers Fred Inc (candy dept)
△ CA 8-5241
240
SE Hawthorne blvd intersects
1520 Jackson Agcy The adv
△ BE 4-7316
Lee Eug E artist △ BE 4-7316
1536 Delano Studios & Aerial Surveys consl photog
△ BE 6-2139
Engineering Clinic consulting engs
Western Mapping Co
△ BE 6-2139
SE Clay intersects
1604 Buranello Bruno △ BE 6-9426
1605 Greene Barbara Mrs
1607 Storms Fred △ BE 6-9805
1612 Hing Leah ⓞ △ BE 2-1917
1615 Vacant
1616 Lang Lillian ⓞ △ BE 2-1917
1617 Vacant
1623 Vacant
1632-1716 Power-Brake Equip Co mfrs
△ BE 4-6621
1635 Vacant
SE Market intersects
1724 Rude Landscape Service
△ BE 2-9213
Rude Oscar P ⓞ
1727 Stardrill Co well equip
△ BE 6-2157
1731 Underwriters Salvage Co of NY
△ BE 6-2173
1735 Kerzel Aug ⓞ
SE Mill intersects
1800 Farman Russell M ⓞ
△ BE 6-3849
1811 Schetky Equip Corp (stge yd)
1812 Smith Clara L Mrs
1816 Miller Berna V Mrs
△ BE 4-6934
1820 **Apartments**
1 Vacant
2 VanWinkle Curtis E
3 Hedges Cy
4 Vacant
Street continued
1832 Hood's Upholstery △ BE 2-7562
1835 Gilbertson Walter
Long R P
1835 Wright James
SE Stephens intersects
1901 Hartley & Zuercher battery dlrs
△ BE 2-6374
1906 Quilceni Silvio
1908 Brigg Florence Mrs
1911 Russell Elmer L △ BE 6-6145
1917 McCarthy Ernestine Mrs ⓞ
△ BE 2-7227
1918 Coulter Ben B △ BE 6-2851
1923 Fuller G D △ BE 2-4279
1825 Gress Mel (stge)
1927 **Apartments**
1 Moore Nancy L Mrs
2 Vacant
3 Engel Bruce △ BE 4-5728
Street continued
1931 Sister's Coffee Shop
△ BE 5-9712
1932 Bogdanoiveh Kath Mrs ⓞ
△ BE 5-2319
1935 House Roy W △ BE 5-3600
1937 Frank's Eleventh Av Tavern
△ BE 5-9162
SE Harrison intersects
200 Smith's Grocery △ BE 5-9904
2001 Gatto Modern Shoe Repr
△ BE 5-5034
rear Gatto Antonio ⓞ
2005 Sanford Sandy
2006 Allemang Roswell E
△ BE 5-2472
2007 Vacant
2008 Phillips Sanitary Barber Shop
2013 Arback Sam junk dlr
△ BE 6-1321
2014 Messineo Santino Mrs ⓞ
△ BE 4-3439
2023 Gilliam Gus △ BE 5-7841
2026 Hecker Wm
2029 Howell Lillian Mrs ⓞ
△ BE 5-7077
2032 No return
2034 Templeton Albert H
△ BE 6-8337
2035 Anderson Marie H Mrs
△ BE 2-9881
2036 Thomas Wm
2038 McClarin Arnold △ BE 4-1871
242
SE Lincoln intersects
2105 Alloy Plating & Polishing Co Inc △ BE 6-3448
2112 No return
2115 Thompson E D △ BE 6-6852
2118 Vacant
2123 Vacant
2124 Craig Darell M ⓞ △ BE 2-8874
2128 Lee Patk O ⓞ △ BE 2-7271
2131 Marion's Gro & Mkt
△ BE 5-9921
2139 Marion's Gro & Mkt (store rm)
SE Grant intersects
2201 Achilles Gro △ BE 5-9372
2204 Vacant
2213 Littlefield Elmo D
△ BE 2-1294
2214 Lincecum Violet L Mrs ⓞ
2215 Larsen Chris
2224 Hall Hazel V ⓞ △ BE 2-1442
2234 Vacant
2235 Pacific Fence & Wire Co mfrs
△ BE 4-5358
SE Sherman intersects
2303 Cochran Helen L Mrs
△ BE 6-5454
2306 Wilson Marie Mrs △ BE 5-1304
2311 Baker Mary L Mrs ⓞ
△ BE 2-5943
2312 Vacant
2317 Nelson Robt B ⓞ △ BE 4-4244
2321 Tompkins Agnes M Mrs ⓞ
△ BE 5-4783
2322 Taylor Les
2328 Scoffone Carlo ⓞ △ BE 5-3302
2329 Jones Rolly ⓞ △ BE 2-8692
2335 Eichman John ⓞ
2338 Summers Glenn S ⓞ
△ BE 4-3267
SE Caruthers intersects
2405 Mudgett Lawrence △ BE 6-0741
2407 Saiget Won Mrs △ BE 6-0597
2408 Pazzo Jos ⓞ △ BE 4-2956
2418 Weedman Urville ⓞ
△ BE 6-7210
2425 Larson Edw C ⓞ △ BE 5-5947
2428 Samplertro Corrado E ⓞ
△ BE -1768
2430 Agnew Willard L ⓞ
△ BE 2-0744
2434 Larson Maynard E ⓞ
△ BE 5-6086
2442 Vacant
SE Division intersects
2505 **Building**
Consolidated Whses Div of Frtways Inc
Rooms:
101 Waldon Pacific Co mfrs agt
△ BE 5-8307
102 Bowman Arth Inc hortioultural sups △ BE 2-2835
McHuchison & Co horticultural sups △ BE 2-2835
103 Granato Ralph C ins
△ BE 4-5951
104 Delbreuck W C & Inc glass importers △ BE 4-9691
105 Ogle Jack & Co machy dlrs
△ BE 5-4080
108 Consolidated Sales Inc food brokers △ BE 5-6619
111 Wiley-Bayley Inc (br) bldg materials △ BE 5-0177
112 Granato Ralph ins △ BE 4-5951
114 Red Star Yeats & Products Co mfrs △ BE 2-9245
115 Benson W Ronald Inc chem mfrs △ BE 2-2781
201 Smith & Kline Inc food brokers
△ BE 4-5356
210 Consolidated Frtways (Western Area Accounting Serv)
△ CA 7-2561
Street continued
2528 Fewel-Comer Co food brokers
△ BE 2-8144
2536 Patek & Co lndry sups
△ BE 6-4191
276
SE Brooklyn intersects
SE Powell blvd intersects
3013 Krauss Trimming Co uphol trimmings △ BE 6-1302
3027 Schmitt Geo A ⓞ △ BE 6-0995
3101 Vacant
3109 Vacant
3115 Beaumont Johanna A Mrs ⓞ
△ BE 2-8785
3205 Taft Eliz Mrs ⓞ △ BE 4-7711
3209-13 **Apartments**
1 Postle Mattie Mrs △ BE 6-7353
1B Peterson Eva Mrs
2 Stovenson Eliz F Mrs
△ BE 5-1169
2B Squires Harry E △ BE 4-4111
3 Hansen Wm jr
4 Moore Cora M Mrs
5 Richardson Marie A
△ BE 5-5063
6 Hough Albert R △ BE 5-2670
7 Vacant
8 Thomas Elta M Mrs
△ BE 4-1763
SE Franklin intersects
3323 Wilson Wm P ⓞ △ BE 6-3404
3333 **Apartments**
1 Colby Clara C Mrs ⓞ
△ BE 4-5905
3 Thornton Eliz Mrs
3 Vacant
4 McEntee Chas
5 Vacant
Street continued
3345 Cook Robt C △ BE 5-6946
SE Haig intersects
3423 Koppy Lawrence J △ BE 6-6093
3424 Christen Paul P ⓞ △ BE 2-2458
3433 Brown Paul B ⓞ △ BE 2-0611
3447 Pratton Don L △ BE 4-2271
SE Rhine intersects
3505 Zimmerman Emily Mrs ⓞ
△ BE 6-6168
3513 Minor Carlos L ⓞ △ BE 6-0504
Wells Ida L Mrs △ BE 5-7185
3516 Hoagland Dorothy Mrs ⓞ
△ BE 4-8083
3531 Gleaves Leland
3537 Haverly Sadie H ⓞ △ BE 4-7756
3540 Lawson Clarence J ⓞ
3605 Malotte Marion F ⓞ
△ BE 6-3302
3606 Pangge Richd L △ BE 2-2830
3613 Hahn Chester C ⓞ
3614 Knowles Jessie G Mrs ⓞ
△ BE 2-8317
3622 Vacant
SE Rhone intersects
3705 George John W ⓞ
△ BE 6-2542
3714 Pippy Beatrice M ⓞ
△ BE 2-2576
3715 Gersch John T ⓞ △ BE 6-2721
3722 Schoenfeld Ralph H ⓞ
△ BE 5-3957
3723 Salerno Frank P ⓞ
△ BE 6-5471
3737 Beckel Saunders T ⓞ
△ BE 5-2695
3746 Schechtel Peter A ⓞ
△ BE 2-2570
3747 Gee Kathlen Mrs ⓞ
△ BE 5-4892
3755 Hanson Harry W ⓞ
△ BE 4-4293
3760 Vacant
3765 Spitulski Zigmund ⓞ
△ BE 2-5986
3780 Kuppler Herman C ⓞ
△ BE 5-5300
3783 Bechtold Chas ⓞ △ BE 2-0686
3786 Palermint Raymond F ⓞ
△ BE 5-3072
SE Bush intersects
3803 Immel Frank ⓞ △ BE 5-6287
3810 Sacred Heart Convent
△ BE 6-7883
Sisters of StBenedict
△ BE 6-7883
3815 Immel Eliz Mrs ⓞ
3822 Sacred Heart Catholic School
3825 Pohl Jos ⓞ △ BE 6-9683
3905 No return
3910 Benedict Paul Rev △ BE 6-1837
3915 Rohan Agnes C Mrs ⓞ
△ BE 4-2960
3921 Kelner Mark P ⓞ △ BE 2-4486
3926 Sacred Heart Catholic Church
SE Center intersects
4009 Niedermeyer Jos J ⓞ
△ BE 6-3677
4014 Lair Loretta A Mrs ⓞ
△ BE 2-6008
Schlechter Jack J △ BE 2-6008
4024 Riehl Melania Mrs ⓞ
△ BE 6-0104
Hunter Jas E ⓞ △ BE 4-2435
4103 Mayer Harold A ⓞ △ BE 5-6368
4108 Reznick Frank J ⓞ △ BE 5-2857
4117 Moffenbeier Walter L ⓞ
△ BE 5-4946
4118 Martini Fred J ⓞ △ BE 2-8975
4121 Meermeier Paul △ BE 4-1420
4123 Brady John P △ BE 6-3970
4124 Rich Albert D ⓞ △ BE 2-753
SE Boise intersects
4206 Ruffin Roy
4207 Newman Francis I ⓞ
△ BE 6-9072
4212 Fitzgerald Ella C ⓞ
4215 Harless Clarence F ⓞ
△ BE 4-1734
42233 Hamilton Sidney J
△ BE 5-0785
4226 Flaherty Harley B ⓞ
△ BE 2-2333
4235 Petrusich John ⓞ △ BE 5-2673
4236 Charais Oliver J ⓞ
△ BE 6-6247
4245 Kubat Anthony R ⓞ
△ BE 6-6125
SE Cora intersects
4321 Vacant
4328 Fortin Geo
4330 Short Neil O △ BE 2-9966
SE Mall intersects
328
SE Sellwood blvd intersects
7533 Estep Mae Mrs △ BE 6-8062
7538 White Walter B ⓞ △ BE 6-4653
SE Flavel intersects
SE Rex intersects
7631 Spulock Henry A ⓞ
△ BE 6-8030
SE Malden intersects
7705 Bishop Richd L ⓞ△ BE 4-2762
7708 Noll Sidney O △ BE 6-2432
SE Lambert intersects
7824 Ormae Dorothy Mrs ⓞ
△ BE 5-2581
7836 Neagle Dennis L ⓞ
SE Bidwell intersects
7855 Moore Ward L △ BE 2-1546
7865 Shipley John J ⓞ △ BE 6-4459
7873 Ouderkirk Rosalie P Mrs ⓞ
△ BE 6-8698
7879 Pelkey Beatrice Mrs ⓞ
△ BE 2-6700
SE Lexington intersects
SE Miller intersects
7970 Lancaster Paul E ⓞ
△ BE 6-1564
7971 Ritchie Geo ⓞ △ BE 4-1904
SE Nehalem intersects
8015 Powers Kathleen M ⓞ
△ BE 5-1504
8017 Sawyer Roy W △ BE 2-3790
8029 Hohler Kathryn B Mrs ⓞ
△ BE 6-2525
SE Spokane intersects
8057 Dixon Clarence W △ BE 5-1693
8059 Dixon Blanche B Mrs ⓞ
△ BE 5-0042
8067 Bollinger Eliz F Mrs ⓞ
8072 Sellwood Baptist Church
△ BE 4-1566
332
SE Tacoma intersects
8111 Stilger Eliz R Mrs ⓞ BE 2-9280
8114 Murphy Clifford E ⓞ
8125 Wallman Svea L
8133 Vacant
8134 Livingston J M Burley
△ BE 4-8630
SE Tenino intersects
8205 No return
8210 Holland L Ray △ BE 4-1404
8214 Hockett Glenn A ⓞ △ BE 5-5471
8215 Hood Effie J Mrs ⓞ
△ BE 4-2880
8232 Hood Narcissa W Mrs
△ BE 2-9820
8234 Lynch C Gilbert △ BE 6-4854
8236 Egger Waller
8238 Abele Roger C △ BE 6-3577
SE Umatilla av intersects
8306 Berg Geo ⓞ
8324 Nelson Ralph R ⓞ
△ BE 6-5111
8325 Loberg Lloyd J △ BE 5-2601
8334 Jones Arth W ⓞ △ BE 6-4095
8335 Rorer Robt L △ BE 5-1683
SE Harney intersects
8403 Wolcott Clay J ⓞ △ BE 5-4644
8415 Vacant
8416 Hankey Ralph T ⓞ △ BE 5-6272
8424 Moser John A ⓞ
8426 Rappe Horace L △ BE 6-4371
8427 Drum Linda L Mrs ⓞ
△ BE 2-0461
8435 No return
SE Sherrett intersects
8507 Pringle Leta G Mrs ⓞ
△ BE 2-5400
8508 Danielson Celia Mrs ⓞ
8515 Ford John L ⓞ △ BE 4-4057
8516 Arbuckle Glen W
8524 Hurlock Barbara J △ BE 5-6549
8525 Miller Thos O ⓞ △ BE 6-8593
8526 Vacant
8534 Burson Otis G △ BE 4-1375
8535 Eoff Max G ⓞ △ BE 4-2914
SE Clatsop intersects
8604 Sams Jas L ⓞ △ BE 4-1687
8605 **Apartments**
1 Landsberg Minnie Mrs ⓞ
△ BE 4-9035
2 Johnson Melvin
3 Ryan Daonald
4 Bazil Warren R
Street continued
8614 Madison Robt ⓞ △ BE 5-2446
8615 Snair Wm F △ BE 6-5707
8622 Lee Virginia J Mrs
8623 Wannamaker Esther Mrs ⓞ
△ BE 5-4506
8624 Reed Wm D △ BE 6-3663
8633 Santilli Guido ⓞ △ BE 2-2065
8634 **Electric Apartments** △ BE 6-1932
1 Stout Joe
2 Clarke Betty A Mrs
3 Vacant
4 Little Ella Mrs
5 Mumpomer Ray
6 Bryant Jim
7 Maurer John
8 Martino Rufus
9 West Frank
10 Boehm Oscar C △ BE 6-1932
11 Burch Wm P △ BE 2-5788
12 Pohlorie Osie Mrs
SE Marion intersects
8705 Stofiel Edw C ⓞ △ BE 4-3005
8712 Tomes John J ⓞ
8714 Clifford Gerald P Rev
△ BE 4-8984
8715 Brown Marvin E ⓞ △ BE 5-7893
8716 Chiddix Helen E Mrs
△ BE 2-2800
8723 Vacant
8724 Volberding Alidia E ⓞ
△ BE 4-2146
8735 Marquart Raymond M
SE Linn intersects
8825 Vacant
8851a Olson Constance A Mrs
△ BE 6-0789
8851a Chambers Clarence W
8870 Kinish Anthony A ⓞ
△ BE 4-1033

1B-6
11TH AV, SW—From 1101 W Burnside south
311 Wentworth & Irwin Inc (body shop)
315 Vacant
316 Renoux Marcello Dance Studio
△ CA 8-0705
321 Vacant
322 Trees Hotel △ CA 7-5591
Galup Della E Mrs ⓞ
SW Stark intersects
409 Nortonia Hotel △ CA 7-1181
Am Legion Post No 1
△ CA 2-2422
Am Legion Auxiliary Unit No 1
Cogan Lolus T ⓞ
Paradise Rm cocktail lounge
Nortonia Hotel Cigar Stand
416 Ore Artificial Limb Co Inc
△ CA 3-7051
421 Secretary of State Campaign Headquarters △ CA 7-0641
422 Vacant
427 **Telegram Building**
Community Council
△ CA 8-6451
Portland Community Chest
8-6451
United Good Neighbors
△ CA 8-6451
United Fund △ CA 8-6451
Mental Health Assn of Ore
△ CA 8-6571
428 Vacant
SW Washington intersects
506 Med Center Parking
△ CA 3-7074
517 Morris Printing Co △ CA 3-0487
521 Cokesbury Book Store
△ CA 8-8581
Methodist Publishing House (br)
△ CA 8-8581
527 Carlyle Hotel △ CA 8-8936
Glannik John G ⓞ △ CA 3-5004
1B-7
SW Alder intersects
601 LaCantina Importers wines
△ CA 7-8158
607 Gilligan Ronald E opton
△ CA 7-3240
611 Research Products optics & microscopes △ CA 6-4529
614 Vacant
615 Beauty Products Co (side entr)
619 **Recreation Building**
Oregon Blue Shield Plan ins
△ CA 2-3251
Oregon Physicians Serv
△ CA 2-3251
620 Vacant
624 Vacant
SW Morrison intersects
712 Charls & Larry Hairdressers beauty shop △ CA 7-0112

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12TH AVE SE 1960

12TH AV, NE—Contd
7232 Mindolovich Jerry ◎ △ HU 9-3080
7244 Bettendorf John J ◎ △ HU 9-3002
7252 Milbrandt Wilbert W ◎ △ BU 9-4204
NE Holland intersects

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12TH AV, NW—From 1201 W Burnside north
NW Couch intersects
101 Blitz-Weinhard Co (whse)
190 Blitz-Weinhard Co (garage)
NW Davis intersects
NW Everett intersects
305 Beaver State Distr Co whol beer △ CA 2-4342
Commerce Coffee Co Inc whol △ CA 3-2028
312 West Andrew ◎ △ CA 6-7577
316 Jobbers Serv Co whol auto sup △ CA 7-6605
United Engine & Mach Co whol parts △ CA 7-6605
323 Fox Lamp & Fixture Co whol △ CA 3-8089
339 Industrial Products rubber hose △ CA 8-1677
351 King Vanderbelt mfrs agt △ CA 2-9905
Automotive Distributing Co (whse) △ CA 2-9905
Perfection Gear Co mfrs agt △ CA 2-9905
Rice Bros whol auto sups △ CA 2-9905
Snow Sls Co mfrs agts △ CA 2-905
A & H Products Co whol auto parts △ CA 2-9905
Buttles Gordon & Co whole auto parts △ CA 2-9905
Westling Eric D mfrs agt △ CA 2-9905
Westling Norman mfrs agt △ CA 2-9905
NW Flanders intersects
408 Colonial Warehouse & Transfer Co (side entr)
Moore Co The elec equip △ CA 8-6521
425 Pacific Power & Light Co (storage yard) △ CA 8-9421
NW Glisan intersects
506 Vacant
512 Vacant
516 Loomis Printing Co △ CA 7-1343
520 Vacant
522 Grayco Distr Inc lawn & garden equip △ CA 2-1766
528 Defiance Mfg Co sign & card writers △ CA 8-1571

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NW Irving intersects
NW Johnson intersects
815 Westinghouse Appliance Sales △ CA 2-9851
Westinghouse Elec Sup Co
NW Kearney intersects
905 Crown Zellerbach Corp (acct ofc) △ CA 7-6481
935 Alsop Fred E Co mfrs agt △ CA 2-7271
Caillson P G Co mfrs agts △ CA 2-7271
Carlson Fred W & Associates mfrs agts △ CA 8-3798
Northwest Steel Co Inc △ CA 2-4314

15

NW Lovejoy intersects
NW Marshall intersects
NW Northrup intersects
1233 **Wilhelm Rudie Warehouse Bldg** Rooms:
101 Younger W H Co whol flour △ CA 8-2919
102 Mead-Atlanta Paper Co containers and cartons
Nopco Chem Co mfrs △ CA 8-7045
201 Wilhelm Rudie Warehouse Co Inc (ofc) △ CA 7-0561
205 Garland-Affolter Engineering Corp mfrs agts △ CA 2-5052
206 Beard J G Co mfrs agts △ CA 7-2611
207 Temperature Sup Co whol air conditioning △ CA 2-1032
208 Vacant
209 Marvin John H Co Inc mfrs agts △ CA 7-5845
Wright Hoists Div Am Chain & Cable Co Inc △ CA 7-3112
210-11 Russell brokerage Co food brokers △ CA 7-4669
213 Lorillard P Co Inc cigarette mfrs △ CA 8-4933
214 Bach Pete Elec Co mfrs agts △ CA 7-2173
220 Corn Products Sales Co (Best Foods Div) △ CA 8-9241
NW Overton intersects
1331 Wilhelm Rudie Warehouse Co Inc (whse)
1333 Line Materials Industries mfrs △ CA 2-1081

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12TH AV, SE—From 1201 E Burnside north
SE Ankeny intersects
101 Foote John H △ BE 6-6709
113 Kromke Thos A ◎ △ BE 5-1752
114 Retelsdorf Otto J △ BE 2-0659
119 Seal Oscar T △ BE 6-2731
121 Kreigh Myrtle A ◎ △ BE 4-4531
127 Bothum Louis H ◎ △ BE 6-8040
Carter Josie Mrs
Morris Claude △ BE 4-8693
128 Portland Card Co club rm equip △ BE 4-7954
Austin Blanche Mrs
129 Vacant
134 Koontz Geo N ◎ △ BE 2-5818
135 Edwards Marcus D ◎ △ BE 2-7627
Kennedy Lida Mrs ◎ △ BE 6-0142
SE Ash intersects
201 Gottsacker Gro △ BE 5-9205
211 **Apartments**
A Archer Geo
B Stillwell Anna Mrs △ BE 5-6370
C Vacant
213 Baessler & Durant Improving Co roofers △ BE 4-2723
218 Bobbs Ray Air-Draulics Inc fluid power controls △ BE 2-6133
231 StPaul Fire & Marine Ins Co △ BE 5-8511
StPaul Mercury Ins △ BE 5-8511
234 Chamberlin Russ Inc vulcanizing equip △ BE 2-7124
SE Pine intersects
306 McPhee's Wallpaper (br) whol △ BE 4-9641
310 Nalley's Inc food products △ BE 4-9309
SE Oak intersects
1400 Vacant
410 **Apartments**
1 Goodman Ross W △ BE 5-3539
2 Negravel Margt R
3 Rader Margt Mrs
4 Hope Clarence
Street continued
416 Cowls John H ◎ △ BE 4-2320
418 McAllister Lorraine M Mrs
436 Security Signs Inc mfrs △ BE 2-4172
SE Stark intersects
503 **Todd Apartments**
A Von Wald Dennis K
1 Schelm Edna
2 McAllister Eloise Mrs △ BE 4-3428
3 Boykin Kay Mrs
4 Meyess Ada Mrs
5 Cleveland Agnes Mrs
7 Russell Dorothy M Mrs △ BE 5-6883
8 Lasala Miguel
9 Marton Jeanette M △ BE 5-8077
10 Kirkpatrick Bernice Mrs
11 White Richd H △ BE 5-6577
12 Hollingsworth Roy
14 Waddle Lida M Mrs △ BE 4-6344
15 George Vera Mrs
16 Maxwell Wm △ BE 2-5352
Street continued
535 State Serv Center for the Blind △ BE 4-6441
SE Washington intersects
603 Stoppelcamp Margt A ◎ △ BE 6-8253
611 Vacant
617 Bushman Jos A △ BE 4-8806
623 Collins Lewis H ◎ △ BE 2-3719
635 Vacant
637 Hamlin Orville C ◎ △ BE 2-3693
SE Alder intersects
704 **Stuart Mary Apartments**
bsmt Vacant
1 Beckmann Carl A △ BE 4-7796
2 Graham Benj M
3 Marion N Ramon △ BE 5-1929
4 Herrnberger Jack A △ BE 2-8855
Street continued
707 O'Neil Eva Graves Piano Studio △ BE 2-2640
O'Neil Eva G Mrs ◎
Graves Norma B ◎
717 Herren Virdie G Mrs ◎ △ BE 6-2703

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SE Morrison intersects
807 Pioneer Potteries florists △ BE 2-1602
817 Bradley's Pies (stge)
SE Belmont intersects
909 Genl Tire Co of Portland △ BE 4-7543
Gordon Mel Battery & Tire Co (main ofc) △ BE 4-7543
914 McIlhany Cecile Mrs
Stamps Della Mrs ◎ △ BE 2-4332
924 Chastain Marcia Mrs ◎ △ BE 6-1509
932 Stramel Mary Mrs
SE Yamhill intersects
1000 Brown J E Co pntrs △ BE 5-6104
1007 Candelier Shop The antiques △ BE 2-6654
Thompson Virginia A ◎
1015 Mougey Alvin B ◎ △ BE 5-3529
1016 Jorgensen Peter M ◎ △ BE 2-9903
1024 **Apartments**
1 Bratton Chas
2 Vacant
3 Regorrah Theron
4 Regorrah Chas
Street continued
1025 **Apartments**
1 Callier Russell B ◎ △ BE 6-5534
2 Smith Frank
3 Shaugnessy Edw
4 Ekre Howard
5 VanAuken Donald
Street continued
1028 Twelfth Av Gro △ BE 4-7676
1032 McKee Thos R △ BE 5-6396
1035 **Mission Rose Apartments**
1 Warren Iva M Mrs △ BE 5-0722
2 Oyen Trygve
3 Ware Eug
4 Vacant
5 Swarts Dolores I △ BE 5-0946
6 Trehen Walter
7 Bush Emma M Mrs △ BE 4-9036
8 Mikkelsen Shirley A Mrs
9 Cooper Iceu D
10 No return
11 Andrews Lore Mrs
12 Allen Elmer
13 Scarfone Joe
14 Schmiedeke Chas
15 Deeth Geo L
16 Cooper Jas L △ BE 6-2054
17 Peters Chas
18 Adams Arth P
19 Farber Connie Mrs
20 Vasey Ellen Mrs △ BE 6-9285
21 Schlies Mary J △ BE 6-5901
Street continued
1036 No return
SE Taylor intersects
1101-05 Vacant
1106 East Side Baptist Church △ PR 1-1181
1114 **Apartments**
Small Helen H Mrs △ BE 6-0906
1 Anthony Wesley
2 Nilsen Nels M
3 Blomgren R G jr △ BE 2-0997
4 Hanson Pauline
5 Hunsucker Chas F
6 Fairbanks Wm A
7 Nance Eliz △ BE 6-4855
Street continued
1133 Grange Ins Assn △ BE 4-0391
Rocky Mountain Fire & Casualty Co △ BE 4-0391
Kosta Mel lwyr △ BE 4-0391
SE Salmon intersects
1239 Western Fabricators Inc sht mtl △ BE 4-9791
1240 Western Golf Course Supply Co △ BE 4-7559
SE Main intersects
1313 Vacant
1340 Bechtold's Good Food restr △ BE 5-9837
SE Madison intersects
1406 Oregon Lndry & Dry Clns (br) △ BE 4-7611
1424 Tow Leonard Motor Block Wldg △ BE 2-3898
Village Blacksmith The △ BE 2-3898

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SE Hawthorne blvd intersects
SE Clay intersects
1603 Creighton A Maude Mrs △ BE 5-7025
1605 McGuire Jack C △ BE 6-2775
1607 Alinger David △ BE 6-8594
1609 Dietz Katie R Mrs △ BE 2-2716
1615 Larry & Chucks Htg Serv furnaces △ BE 2-5747
1617 Conley Donald E △ BE 6-4018
1621 Rich Monte
1629 Lee Nancy Mrs ◎ △ BE 5-2880
1631 Chin Sing Yuen Henry
1638 **Mulberry Apartments**
2 Johnson Wm H △ BE 6-8550
101 Albin Kath △ BE 6-7263
102 Rising Ruth
103 Stanley Ada A Mrs
104 Celestine Chas
105 Elliott Eunice C △ BE 2-0903
106 Erickson Agnes T Mrs △ BE 5-6485
107 Pottsmith Mary M Mrs △ BE 6-1985
108 O'Neal Lydia Mrs
109 Anderson Agnes L Mrs △ BE 4-8557
110 Vacant
111 Kienow Margt Mrs △ BE 6-8017
112 McGirr Eliz △ BE 2-2049
113 Lane Case
201 Yoakley Grace A △ BE 6-4694
202 Vacant
203 Paull Cora A △ BE 2-5834
204 Haines Gladys R Mrs △ BE 5-7797
205 Fitzsimmons Margt M Mrs △ BE 2-6453
206 Prince Agnes △ BE 5-2026
207 Kay Gladys Mrs △ BE 5-2845
208 Andrews Nettie Mrs
209 Lindle Ann △ BE 5-7327
210 Heller Russell △ BE 4-1609
211 Robinette Doris R △ BE 4-7748
212 Renfroe Harold D △ BE 2-4335
213 VanWagnen Anna S △ BE 6-3223
Street continued
1639 Vacant
SE Mulberry av intersects
1709 Boan Maurice △ BE 2-7208
1711 New Life Cln clo △ BE 4-3424
Apartments
A Chin San You Mrs △ BE 6-1238
B Wong Geo S W △ BE 4-1278
C Wong Henry G △ BE 4-3176
D Lee Hoy Kee ◎ △ BE 6-8044
Street continued
1717 Iwamoto Ray T
1719 Seki Norman △ BE 4-3048
1720-30 Vacant
1723 Phipps Floyd E △ BE 6-4672
1725 Vacant
1737 Henry's Auto & Truck Serv repr △ BE 6-5514
1738 Tom's Tavern
1739 Allstate Distributing & Rental Co truck and equip rentals △ BE 4-0289
1742 Six Nineteen Cafe △ BE 5-9141
1748 Fitterer Steve ◎ △ BE 5-5292
Taylor Alice Mrs △ BE 2-8896
SE Mill intersects
1802 **Charlotte Court apts**
1 Corrigan Edw J ◎ △ BE 6-8084
3 Forbes Fred V ◎ △ BE 6-9440
5 Zimmerman Anthony ◎ △ BE 2-2388
Street continued
1806 **Apartments**
2 Anderson Isabel ◎ △ BE 4-6012
4 Murray Donna Mrs ◎ △ BE 2-1571
6 Hall Gladys G ◎
Street continued
1809 **Apartments**
1 Vacant
2 Vacant
3 Young Alma J Mrs
5 Vacant
Street continued
1816 Lonos Dan J ◎ △ BE 2-5278
1817 Landsberg Helen Mrs ◎ △ BE 5-7397
1825 **Apartments**
1 Theirl Stephen E △ BE 4-2625
2 Dorocke Geo M
3 Sutherland Harvey S △ BE 2-9901
4 Vacant
5 Vacant
Street continued
1834 VanMeter Finley C ◎ △ BE 6-8166
1844 Britton Lansing W ◎ △ BE 2-3087
SE Stephens intersects
1902 Gavin Sophie Mrs ◎ △ BE 6-5020
1903 Ferguson Ray S
Lake John G ◎ △ BE 4-1771
1907 Belles Lewis
1912 Koenigshofer Matilda Mrs ◎ △ BE 5-6268
1915 Lee Steph M S Rev △ BE 6-0953
1918 Bradford John C ◎ △ BE 2-7298
1924 Bashaw Wendell L ◎ △ BE 2-8288
1926 Andrews Oscar H ◎ △ BE 2-9292
1933 Moran's Thrifty Serv Sta gas
1940 **Apartments**
1 Lindsey Randolph △ BE 6-7670
2 Hamilton Ralph
3 Gallagher J Wallace △ BE 2-9070
4 Clouser Grace Mrs △ BE 4-2771
5 Rice Patricia Mrs △ BE 2-1076
6 Kinnaman Byron R △ BE 6-4798
7 Lawhorn Ray
8 Vacant
9 No return
10 Samp Marjorie E △ BE 6-0085
11 No return
12 McCarthy Patricia
SE Harrison intersects
2011 Ogle Claud ◎ △ BE 2-8838
A Hipes Jerry W △ BE 2-8838
B McKinney F C
102 D'Agostine Frank
201 Eisenmann Nora Mrs
202 Finkell Jack
203 Wach Ivy L Mrs △ BE 5-8154
204 Doherty Ernest △ BE 2-3053
205 Thompson Albert G △ BE 2-5049
206 Switzer Lucille △ BE 6-3186
207 Nehls Ben L △ BE 6-0920
208 Robinson Howard L △ BE 4-8075
301 Birkett Alyce △ BE 2-8552
302 Wehrly Frank L △ BE 4-2714
303 McCarty O L
304 Mitchell Don
305 Nicoletie Carmela △ BE 5-7752
306 Mills Mary △ BE 2-6284
307 Dupre Reme
308 Cameron Hugh △ BE 2-3879
Street continued
2019 Hatman Don H △ BE 4-7939
2021 Hammond Linwood E △ BE 2-2060
Warriner Ramona Mrs
2028 Thornton Hilda Mrs ◎ △ BE 5-6776
2038 Millill Gullio ◎ △ BE 6-3651
2044 Vacant
2046 Simcox Guy △ BE 2-1550

242

SE Lincoln intersects
2102 **Virginia Lee Apartments The**
1 Sawyer Hazel Mrs
2 Hamm Andrew J △ BE 2-1825
3 Barkved Thos C △ BE 4-2033
4 Hazelett Leonard B
5 Unfred John A △ BE 4-4810
6 Lee Robt E
7 Lakey Wayne
8 Spath S
9 Kuypers Peter
10 Phillips Hugh
11 Ephinett John
12 Wallin W A
Street continued
2110 Lee Frank C ◎ △ BE 6-8612
2115 Carson Ralph △ BE 4-3190
2117 Walters Ralph J ◎ △ BE 6-8535
2120 Louie Andrew ◎ △ BE 2-6231
2123 DeFrancisco Antonette Mrs ◎ △ BE 2-3768
2128 Navarra Jos ◎ △ BE 4-4786
2138 Genl Transport Inc (br) △ BE 2-3982 △ BE 2-5316
Hadley Benj O
2146 Heisler Donald E △ BE 6-9795
2148 Hanson Mary E Mrs ◎ △ BE 2-3605
SE Grant intersects
2203 Vacant
2204 Bolce Harold D ◎ △ BE 4-7186
2212 Rich Robt F ◎ △ BE 6-1657
2215 Cason May L Mrs △ BE 5-4960
2225 Davanzo Feltee A △ BE 6-1584
2237 Miles Florence Mrs ◎ △ BE 2-3667
SE Sherman intersects
SE Spruce intersects
2303 Bonner Paul L
2314 Kinonen Ebner △ BE 4-3017
2315 Amato Prudence Mrs ◎ △ BE 2-5663
2323 DeMoore Odell A ◎ △ BE 5-3800
2328 Creitz Russell ◎ △ BE 2-7377
2333 Wells Bobby L ◎ △ BE 2-6677
Nelson Delbert
SE Caruthers intersects
2407 Vacant
2417 Algar Raymond S ◎ △ BE 4-3840
2421 Wilkinson Tracy C ◎ △ BE 6-1570
2431 Powers Jas
2436 Twelfth Av Motor Serv auto repr △ BE 6-0545
2443 Fondrick Walter E ◎ △ BE 5-7888
SE Elliott intersects
SE Division intersects
2524 **Cogan's Apartments** △ BE 5-9408
1 Buholts Oma L Mrs △ BE 5-9408
2 Solum Hazel Mrs

Odernfold DOORS
BELMONT 4-4471
MASONS SUPPLY CO.
2637 S. E. 12TH AVE.
Rose City Cemete Assn.
Crematori
Columbar
Mausolet
Memoria
Chapel
ENDOWE CARE
AT 1-38
5625 N. FREMON
Jack H. Ollerensha Mgr.
Establishe 1906

13TH AVE SE 1960

Member Federal Deposit Insurance Corporation

13TH AV, NE—Contd
4067 Moore Earnest Δ AT 1-7356
NE Mason intersects
4104 Vacant
4116 Leonhardt Henry Ⓒ Δ AT 1-1615
4124 Low Fred C Ⓒ Δ AT 2-2139
4125 Crider Jas M Δ AT 2-4465
4135 Kahler Ludwig Ⓒ Δ AT 4-0063
4136 Penn Joyce Mrs
4206 Watkins Hobert C Ⓒ
Δ AT 7-0423
4207 Vacant
4214 Mundell Robt Δ AT 2-6880
4217 Arntt Henry J Ⓒ Δ AT 4-3192
4224 Hov Clarence M Ⓒ Δ AT 2-1363
4234 McEachern John M Ⓒ
Δ AT 1-4024
NE Skidmore intersects
4303 Vacant
4310 Cooper Edw Δ AT 1-8722
4315 Vacant
4323 Krieger Lizzie Mrs Ⓒ
Δ AT 1-4928
4326 Wagner Lois
Oliver Virginia Mrs
4405 Muscutt Nellie Mrs Ⓒ
Δ AT 7-5716
4406 Krieger John J Jr Ⓒ
Δ AT 7-6040
144
NE Prescott intersects
4513 Carras Geo A Ⓒ Δ AT 2-4768
4525 Maney Jas F Ⓒ Δ AT 3-1807
4526 Miller Louis Ⓒ Δ AT 1-8907
4534 Trout John Jr Ⓒ Δ AT 4-1268
4525 Thomas Robt W Ⓒ Δ AT 1-6016
NE Going intersects
4605 Brostrom Edith M Mrs Ⓒ
Δ AT 1-1465
4621 Tankle Anna Mrs Ⓒ Δ AT 1-1623
4622 Seeder Henry H Ⓒ Δ AT 8-2584
4705 Averchuck Feodor Ⓒ
Δ AT1-7901
4711 Graham Wm E Ⓒ Δ AT 7-0049
4715 Cole Jas G Ⓒ Δ AT 1-3112
4726 Lipsley Earnest L Ⓒ
Δ AT 1-5608
NE Wygant intersects
4804 Hansen Irvin L Δ AT 2-8512
4812 Souders Carvel Ⓒ Δ AT 8-3351
4813 Shank Kenneth E Ⓒ Δ AT 1-9882
4822 Matthews Madeline Mrs Ⓒ
Δ AT 1-2255
4823 Zillman Sarah J Mrs
Δ AT 2-6155
4830 Craig Noah F Ⓒ Δ AT 1-5093
4831 Stone Clyde C Ⓒ engrosser
Δ AT 1-7957
4840 Motis Frank J Ⓒ Δ AT 2-0034
4841 Bolin Pearl A Mrs Ⓒ
Δ AT 8-4289
4845 Snyder John M Ⓒ Δ AT 7-9575
4846 Nelson Effie Mae Ⓒ
Δ AT 1-4012
4856 Rose John M Ⓒ Δ AT 2-5306
4902 Budscard Swan Ⓒ Δ AT 4-1219
4905 Stewart Cecil C Ⓒ Δ AT 2-5445
4911 George John H Δ A 4-7914
4912 Madill David A Ⓒ Δ AT 4-2841
4918 Hamm David Ⓒ Δ AT 2-1095
4919 Finlay Martha E Mrs Ⓒ
Δ AT 1-1777
4927 Fraser Gretta L Mrs Δ AT 2-1606
4928 King Chas E Ⓒ Δ AT 2-7686
4935 Dietrich Henry W Ⓒ
Δ AT 1-2533
4936 Becker John J Ⓒ Δ AT 1-2397
4946 Winter Leloh M Mrs Ⓒ mus
tchr Δ AT 7-4413
NE Alberta intersects
5003 Benz Albert W
5011 Ferrante Alf
5020 Dean Geo W Ⓒ Δ AT 2-9696
5021 Peake Jas O Δ AT 7-5082
5028 Frank Jas V Ⓒ Δ AT 8-3296
5029 Geeseman Omar D Ⓒ
Δ AT 4-0661
5034 Schlick Signa L Mrs Ⓒ
Δ AT 1-4075
5035 Finck Soloman Ⓒ Δ AT 7-0351
5044 Holtgrene Amelia Ⓒ
5045 Mark Inga Mrs Ⓒ Δ AT 7-9736
5050 Hott Clarence E Ⓒ Δ AT 2-0461
5051 Bunch Gail O Ⓒ Δ AT 2-4334
NE Webster intersects
5112 Blaisdell Della P Mrs Ⓒ
Δ AT 7-3968
5121 Shelby Thos A Ⓒ Δ AT 1-0691
5122 Moll Mary D Mrs Ⓒ Δ AT 7-8206
5128 Warneke Walter A Ⓒ
Δ AT 2-9483
150
NE Sumner intersects
NE Roselawn intersects
5265 McKenna Sue F Ⓒ Δ AT 4-4204
NE Emerson intersects
5302 Vacant
5310 Norton Edw P Ⓒ
5321 Ogden Chas W Rev Δ AT 7-0145
5322 Kennedy Lloyd E Ⓒ Δ AT 7-7263
5406 Eckerlein Frank L Ⓒ
Δ AT 2-0705
5420 Vacant
5430 Bossio Chester F Δ AT 4-8736
NE Killingsworth intersects
5520 Dean Geo Δ AT 2-9696
5524 Ek Jack W Ⓒ Δ AT 2-9027
5602 Lorimer Joan I Mrs Ⓒ
Δ AT 7-7378
5603 Crawford Mabel J Mrs Ⓒ
Δ AT 4-4379
5612 Ferris Louis Ⓒ Δ AT 7-5445
5615 Scheid Carma L Mrs Ⓒ
Δ AT 2-8209
5622 Coyle Edw C Δ AT 7-9060
5625 Krieger Christine Mrs Ⓒ
Δ AT 2-6251
5633 Olson Larry E Δ AT 7-8025
5634 Anderson Warren A Δ AT 4-8829
5635 Garcia Paul Δ AT 4-1685
5702 Cole Ezra C Δ AT 4-2323
5705 Walters Howard C Δ AT 7-4481
5707 Nellis Pauline Mrs
Δ AT 4-7061
5712 Cole Erma F Ⓒ Δ AT 7-1068
5713 Reynold Alvin W Ⓒ
5723 Worrell Carl T Ⓒ Δ AT 4-7692
5733 Pearson Oscar Ⓒ Δ AT 2-6695
NE Jarrett intersects
5807 Montgomery Chas E
Δ AT 8-9745
5814 Hanson Vera C Mrs
Δ AT 4-8924
5815 Heisler Felix Ⓒ Δ AT 4-5156
5825 Huck Herman F Ⓒ Δ AT 7-5592
5826 Kuhn Alex Ⓒ Δ AT 2-4806
5832 Hefcke A Lee Jr Ⓒ
Δ AT 4-0556
5835 Hyndman Ruth Mrs Ⓒ
5835 hyndman Ruth Mrs Ⓒ
Δ AT 7-8654
5844 Whitteberry Richd R Ⓒ
Δ AT 4-4369
5845 Chapman Lyle V Ⓒ Δ AT 4-1079
5850 Carrier Phil S Ⓒ Δ AT 7-1618
5901 Johnson Geo H Ⓒ Δ AT 7-6548
5904 Jones Bruce B Ⓒ Δ AT 2-2769
5911 Heinz Carl J Ⓒ Δ AT 1-8967
5912 Loofburrow A Kent Ⓒ
Δ AT 4-7745
5918 Lovely Rolland F Ⓒ
Δ AT 2-6280
5919 Ely Hobart J Ⓒ Δ AT 7-0298
5930 Becker Henry P Ⓒ Δ AT 7-2735
5931 McCalmont Jas Ⓒ Δ AT 2-1153
5945 Household Wilfred N Ⓒ
Δ AT 7-4866
168
NE Ainsworth intersects
6010 Johnson Chester A Ⓒ
Δ AT 1-0205
6015 Sievers John C Ⓒ Δ AT 2-0359
6024 Macdonald Wm C Ⓒ Δ AT 2-6616
6025 Hamblen Jas G Ⓒ Δ AT 4-4247
6034 Grabler Floyd E Ⓒ
Δ AT 4-6684
6037 Howard Florence Mrs Ⓒ
Δ AT 8-9562
6104 Luse Byron W Ⓒ Δ AT 4-1663
6105 Gerde Leif J Ⓒ Δ AT 1-4087
6115 Stewart Clarence E Ⓒ
Δ AT 2-8302
6116 Stewart Annie B Mrs Ⓒ
Δ AT 7-5064
6121 Daniels Danl W Ⓒ Δ AT 4-6523
6126 Moore Jas B
6132 Bradley Christine Mrs Ⓒ
6133 Dancy Robt B Ⓒ Δ AT 7-9496
6201 Coulter Mary L Mrs Ⓒ
Δ AT 7-1081
6206 Woods John H Ⓒ Δ AT 7-8891
6210 Loew Theo J Ⓒ Δ AT 7-5126
6215 Vessey Jack W Ⓒ Δ AT 2-6421
6229 Chriptender John Ⓒ Δ AT 8-1342
6232 Paul Royal J Ⓒ Δ AT 2-0468
NE Heiman intersects
6305 Edwards Gilbert J Ⓒ
Δ AT 7-0205
NE Highland intersects
6401 Ambrose Gro Δ AT 8-2141
NE Portland blvd intersects
6547 Portland Lawn Mower Serv
Δ AT 4-1783
Wheeler Clarence W Ⓒ
Δ AT 4-1783
NE Bellevue intersects
NE Morton intersects
NE Liberty intersects
NE Lenore intersects
NE Junior intersects
6717 Hopper John W Ⓒ Δ AT 4-1426
6720 Pierce Ernest C Δ BU 5-4257
NE Dekum intersects
6810 Kubik Helen M Mrs
6818 Vacant
174
NE Saratoga intersects
NE Morse intersects
NE Winona intersects
6918 Ullbarri Manuel A Ⓒ
Δ BU 9-7104
6932 Fitzgibbons Tommy
6941 Allman Sylvanus C Ⓒ
Δ BU 9-5137
7020 Salagyarda Albina Mrs Ⓒ
Δ BU 9-2802
7038 Bennett Ruben M Ⓒ
Δ BU 9-4654
NW Woodland intersects
NE Morgan intersects
7106 Nord Chas A Ⓒ Δ BU 9-5188
7132 Barnett Joel H Ⓒ BU 9-7019
NE Buffalo intersects
7207 Toplch Tomika Mrs Ⓒ
7224 White Perry V Ⓒ Δ BU 5-2313
7225 Jensen Clarence M Ⓒ
Δ BU 5-2076
7243 Williams Jas Ⓒ Δ BU 9-4211
NE Holland intersects
NE Stafford intersects
Up Tracks cross
NE Lombard intersects
NE Russell intersects
NE Columbia blvd intersects
7515 NW Protective Coatings Inc
paint Δ BU 5-3424

7
13TH AV, SE—From 1301 E Burnside side north
NW Couch intersects
NW Davis intersects
202 Northwestern Ice & Cold Stge
Co plant Δ BE 4-9511
225 Olsen Roe Trans Co (whse No 2)
Δ CA 2-3000
NW Everett intersects
300 Planeich Fish Co whsl
Δ CA 7-6416
NW Flanders intersects
NW Glisan intersects
13
NW Hoyt intersects
NW Irving intersects
NW Johnson intersects
825 Montgomery Ward & Co (whse)
Δ CA 7-7631
NW Kearney intersects
15
NW Lovejoy intersects
1039 Wilbur-Ellis Co fertilizer mfrs
Δ CA 8-4242
Herman A J Co feed broker
Δ CA 8-0465
33
NW Marshall intersects
NW Northrup intersects
NW Overton intersects
NW Pettygrove intersects
1630 SP&SRy (yd ofc)
1705 SP&SRy (bridge and bldg section)

180
13TH AV, SE—From 1311 E Burnside south
24 McFarland Maude N Mrs
Δ BE 2-2307
SE Ankeny intersects
121 Kuhn Eug M
Lee Ralph
124-36 **Howard Apartments**
124 Apartments:
A McCarl Fred S Δ BE 5-2302
B Kammezell Louis J
Δ BE 6-1568
C Sauer Dorothy B Mrs
Δ BE 2-6421
D Johnston Janice M
E Farrell Gladys I Mrs
Δ BE 4-1027
F Spieler Neva Mrs Δ BE 6-4570
136 **Apartments**
A Ostman Bryan J Δ BE 5-3305
B Schnapp Ruth E Mrs
C Vacant
D Vacant
E Miller Lois M Mrs Δ BE 2-2448
F Wallace Christina Mrs
Δ BE 2-9935
SE Ash intersects
215 LeMiller Christine Ⓒ
Δ BE 2-7979
216 Ruff Gordon V Δ BE 6-0772
218 Sims Garry Δ BE 2-1912
225 Coudare Nellie Mrs Δ BE 6-6483
226 Klndberg Sam Ⓒ Λ BE 4-3668
239 Maxwell Woodrod H
Δ BE 6-1408
SE Pine intersects
314 Miller Inez Pauline Mrs
Δ BE 5-7384
315 Cleland Clyde E Ⓒ Δ BE 2-9401
324 McChesney Etta M Mrs
Δ BE 2-5240
325 Martin Glenn R Δ BE 5-5665
325½Rogers Carl H
SE Oak intersects
419 Northwest Paper Box Mfrs
Δ BE 2-2432
423 Bent & Gynther prntg equip reprs
Δ BE 5-1237
SE Oak intersects
232
SE Morrison intersects
812 Vacant
822 Vacant
SE Belmont intersects
900 No return
904 Brentano Jean
915 Dahl Tallak H Ⓒ
916 Sundbom Leonard F Ⓒ
Δ BE 4-1943
923 **Apartments**
1 Wroe Rosalie
2 Kinnear Nell B Mrs Δ BE 4-7770
3 Hulburt Jessie Mrs Ⓒ
Δ BE 6-4261
4 Girvan LaVerne Δ BE 5-1586
5 Olson Irene C Mrs Δ BE 5-6778
6 Cox Ruth Mrs
Street continued
924 Vacant
SE Yamhill intersects
1013 Korn Leon E Ⓒ Δ BE 6-3766
1016 Price Jas F Ⓒ Δ BE 5-5829
1030 Talbitzer John H Δ BE 2-5854
1032 Thomson Myrtle E Mrs
Δ BE 4-8729
1034 Marvin Maybelle Mrs
Δ BE 2-9275
1036 Brunton Bethel B Mrs
Δ BE 5-6510
SE Taylor intersects
1106 **Claire Apartments**
1-2 Lewis Allen L Ⓒ Δ BE 5-6067
10 Vacant
11 Poffenbarger Dorothy Mrs
Δ BE 4-4958
12 White Ivan
14 Lawrence Delbert
15 Sutton Maude Mrs
16 Kants Karl
20 Williams Marian
21 Upiegrove Phyllis
22 Tessler Ernest W Δ BE 5-3673
24 Maloney Betty
25 Stewart Olga E Mrs
Δ BE 2-4628
26 Nelson Artie
30 Fultz Roy V
31 Christensen Nellie
32 Lee Jimmie
34 Weigel Geo
35 Vacant
36 Davis Jack
SE Salmon intersects
1223 Mayfield Marvin A Ⓒ
Δ BE 6-8458
SE Main intersects
1303 Irinaga Fred M Δ BE 6-1719
1315 **Apartments**
A Briley Stanley
B Alton Frank
C Bousha Mearle E Δ BE 6-1056
D Lerner Molly Mrs Ⓒ
Δ BE 2-9258
SE Madison intersects
1421 Am Lutheran Ch (Northwestern Dist Ofc) Δ BE 5-2432
1424 Byron's Home Furnishings
(2d fl entrance)
SE Hawthorne blvd intersects
244
SE Division intersects
2508 DeTemple Sylvia D Ⓒ
Δ BE 2-1514
2513 Cohen Jos Δ BE 5-7291
2514 Brockhaus Bertha A Mrs
Δ BE 2-9631
2518 Cline Wm L Δ BE 5-7718
2519 Castillo Manuel Δ BE 6-6403
2524 Peterson Anton T Ⓒ
2525 Harbaugh Anna L Mrs Ⓒ
Δ BE 6-3301
2534 Warsop Roy H Ⓒ Δ BE 2-9510
2537 Stewart Rusty
SE Ivon intersects
SE Clinton intersects
274
SE Powell blvd intersects
3205 Iron Fireman Mfg (assembly dept) Δ BE 4-0501
3215 Wood Marion L Ⓒ Δ BE 6-4269
3216 Streimer Jos F Ⓒ Δ BE 2-0656
3223 Black Percy J Ⓒ Δ BE 2-1945
3226 No return
3234 No return
3237 Franceschini Amelia Mrs Ⓒ
SE Franklin intersects
3305 Giusti Bruna V Mrs Ⓒ
Δ BE 2-4446
Zancanella Narcisco W
3316 No return
3324 Krausse June E Mrs
Δ BE 6-6619
3325 Ciccozzi Nazareno S Ⓒ
Δ BE 5-5512
3334 Getman Silas D Ⓒ Δ BE 2-2453
SE Pershing intersects
3352 Kasner Wm W Ⓒ Δ BE 5-3757
3353 Leonard Spencer Ⓒ
Δ BE 6-0523
3356 Lindenthal Paul J Ⓒ
Δ BE 5-6156
3364 McLendihan Nancy L Mrs
3367 Schneider Edw R Ⓒ
Δ BE 6-8810
3372 Wicks Milo L Ⓒ
Δ BE 4-6774
3373 Mohr Mary B Mrs Δ BE 4-8729
3383 Forbes Larry Δ BE 4-2400
SE Haig intersects
3405 Reisz Michl P Ⓒ Δ BE 6-3307
3411 Splawn Adeline H Mrs Ⓒ
Δ BE 6-7982
3414 Caddy Hazel A Mrs Ⓒ
Δ BE 6-6762
3417 Bouchard Eug Ⓒ Δ BE 5-7041
3423 Kubil Fred R Ⓒ Δ BE 4-2288
3424 Kapellas Jas C Ⓒ Δ BE 2-4940
3434 Nobors Walter A Ⓒ
SE Rhine intersects
3502 Jackson Chas A Ⓒ
3505 White Robt S Ⓒ Δ BE 5-6048
3518 Rudolph Masonia C Mrs Ⓒ
Δ BE 2-6325
3523 Borri Antonio Δ BE 2-0865
3524 Sato Kayo Mrs Ⓒ Δ BE 4-4913
SE Lafayette intersects
3001 Featherstone Robt V Δ BE 6-1444
3004 Weissenbuehler Albert F Ⓒ
Δ BE 5-0340
3611 Vacant
3614 Dahlgren Theo P Ⓒ
Δ BE 5-4244
3622 Vacant
3624 Correll Minnie A Mrs Ⓒ
Δ BE 6-8096
3625 Buson Eliz P Mrs Ⓒ
Δ BE 6-3374
3628 Woolsey Lonzo Ⓒ Δ BE 2-6252
3640 Henley Ira Δ BE 6-7677
SE Rhone intersects
3704 Jensen Anna M Mrs Ⓒ
Δ BE 6-7631
3705 Munter Bernice N Mrs Ⓒ
Δ BE 6-5509
3706 Moen Hazel O Mrs Δ BE 6-7631
3716 Donkers Mary E Mrs
Δ BE 6-3452
3723 Mackin Edw F Ⓒ Δ BE 2-1373
3734 Jackson Jos F Ⓒ Δ BE 2-5678
Streimer John P
SE Bush intersects
3803 Sizemore Billy Δ BE 6-9564
3804 VanLoo Jos A Ⓒ Δ BE 5-0007
3818 Powell Owen P Ⓒ
3828 McConkey Alice K Mrs Ⓒ
3838 Shackelford Clarence T Ⓒ
Δ BE 5-6815
3848 Martinson Chas L Δ BE 4-2388
3904 Sites Myron I Ⓒ Δ BE 6-5925
3914 Veatch Wm J Ⓒ Δ BE 4-3164
3924 Poragine Tony J Δ BE 4-2338
3932 Dyas Clifford Δ BE 5-4447
SE Centre intersects
278
SE Long intersects
SE Martin intersects
6106 Younger Kenneth L Ⓒ
Δ BE 5-5133
6120 Singer Jack S Ⓒ Δ BE 5-5226
6129 Stainbrook Wesley L Ⓒ
Δ BE 5-5632
6138 Brantlacht Wm J Ⓒ
Δ BE 4-6768
6139 Hall Norman C Ⓒ
Δ BE 2-2063
SE Carlton intersects
6209 No return
328
SE Henry intersects
6309 Lord Geo H Ⓒ Δ BE 5-4509
7018 Graham Clyde S Ⓒ
Δ BE 2-4879
SE Bybee blvd intersects
7030 Blantz Clement H Ⓒ
Δ BE 6-5261
7060 Smith Curtis C Ⓒ
Δ BE 6-9179
SE Rural intersects
7104 Moe Conrad R Ⓒ Δ BE 6-8915
7114 Johnson Ross M Ⓒ Δ BE 6-3365
7126 Sigrist Oscar Ⓒ greenhouse
contr Δ BE 5-2337
7138 Shankle Odell C Ⓒ Δ BE 4-4215
7152 Eckley Jos T Ⓒ Δ BE 2-3604
7214 Black Harry W Ⓒ Δ BE 6-4233
7215 Moreland Medical Center clinic
Δ BE 6-4189
7215 Cavanaugh Jim Δ BE 6-4189
7230 Waldele Frank A Ⓒ
Δ BE 6-4013
SE Sellwood blvd intersects
SE Knapp intersects

PLYMOUTH — CHRYSLER — VALIANT

HERMANN FLORAL and SEED CO. 1930 S. E. POWELL BLVD. BEImont
GREEN STAMPS

9TH AV, NE—Contd
3512 Miller Alice C Mrs
Δ AT 7-9572
3517 Zion Congregational Church (Youth Annex)
3526 No return
3536 Hahn Susie Mrs ◎ Δ AT 7-4610
3537 Klein Fred ◎ Δ AT 7-2736
3603 Byard John T
3606 Booth Robt P ◎Δ AT 7-0252
3612 Morgan Eug L ◎ Δ AT 4-7164
3615 Manus Jodie I ◎ Δ AT 1-0409
3627 Benjamen James A ◎
3636 Blanco Florentino ◎
Δ AT 2-1051

124
NE Beech intersects
3718 Quiram Emma Mrs ◎
Δ AT 7-5745
3723 Jones Willie ◎ Δ AT 4-8152
3726 Brehm Cath Mrs ◎
Δ AT 1-5484
3736 Petersen Herman P
Δ AT 1-4752
3737 Shults Vincent ◎
Δ AT 4-5162
3801 No return
3802 Usinger Helen M Mrs
Δ AT 7-0581
3807 No reutrn
3808 Baldwin Clarence N
Δ AT 2-0177
3810 Meserve Willard K
Δ AT 1-7757
3813 Vacant
3814 Ryan C H
3820 Hjelm Robt D Δ AT 8-4746
3827 Leininger Lawrence H ◎
Δ AT 2-2138
NE Failing intersects
3912 Brehm Anna Mrs Δ AT 7-5183
3916 Seibel Jacob ◎ Δ AT 1-7837
3917 Harmon Odessa Mrs ◎
Δ AT 1-2825
3923 Hartung Eva E Mrs ◎
3924 Loos Leroy V
3936 Fick Floyd ◎ Δ AT 7-1949
3937 McDonald Earl ◎ Δ AT 7-5117
3942 Brown Orda A ◎ Δ AT 4-5370
3943 Cummings Edw W Δ AT 2-9686
3953 Borg Emil J ◎
3957 Wilburn Thos
3963 Thompson Tom A ◎
Δ AT 4-3788
3968 Pitsch David ◎ Δ AT 4-8579
3971 Phillips Ned ◎ Δ AT 7-9691
NE Shaver intersects
4006 Marthaller Jos R ◎ Δ AT 2-4022
4016 Barton Geo N ◎ Δ AT 7-3576
4025 Rivers Alf ◎ Δ AT 1-9392
4026 Kostopoulos Peter ◎ Δ AT 2-4979
4034 Gross E Mrs ◎
Δ AT 2-4934
4037 Creager W B ◎ Δ AT 4-7361
4044 Foster Kelly ◎ Δ AT 1-6133
4047 Preston Chas
4054 Paull Carl ◎ Δ AT 1-3043
4055 Baltzegar Ben ◎ Δ AT 4-3780
4065 Sauer Louis ◎ Δ AT 7-6078
4070 Rouse Ray W ◎Δ AT 7-8660
4077 Vacant
NE Mason intersects
4110 Wahlgren Reynold T ◎
Δ AT 7-3248
4115 Schreiber Mary M Mrs ◎
Δ AT 1-1397
4116 Linder Peter S ◎ Δ AT 8-3922
4125 Traff Sanford P ◎ Δ AT 7-2359
4126 Dolloff Bert L ◎
4134 Gideon Geo ◎ Δ AT 8-3510
4137 Vacant
rear Wood Lola Mrs
4206 Evans John R ◎ Δ AT 2-6731
4207 Platt Sigurd O ◎ Δ AT 4-7993
4213 DeLashmutt Royce L ◎
Δ AT 1-3185
Edmonds Chas Δ AT 2-2751
4216 Vacant
4223 Lemon Thos C ◎ Δ AT 7-0634
4224 Rady Barbara Mrs ◎
Δ AT 1-8864
4225 Olafsen Kolburn
rear Olafseon Kolburn
4233 Howze Edmund
Kay Iona Mrs Δ AT 4-8474
NE Skidmore intersects
4312 Basham Oval R ◎ Δ AT 4-3562
4321 Johnson Homer O ◎ Δ AT 2-7129
4326 Zouvelos Alex G ◎ Δ AT 7-1492
4403 Beymer Ralph L ◎ Δ AT 8-1283
4404 Little Fletcher ◎ Δ AT 7-8766

144
NE Prescott intersects
4516 Wright Lottie F ◎ Δ AT 4-5653
4524 Lincoln Clarence ◎ Δ AT 8-1066
4525 Jensen Leroy W ◎ Δ AT 2-0260
4532 Ross Leith D ◎ Δ AT 27572
4533 Raeburn Ora E Mrs Δ AT 1-6158
NE Going intersects
4635 Highland Congregational Ch
NE Wygant intersects
4704 Bagley Herbert F ◎
Δ AT 8-1290
4715 Hutton Steph K ◎ Δ AT 1-5647
4725 Goodnight Walter H ◎
Δ AT 7-8971
4726 Whalen Rose Mrs ◎
Δ AT 1-9490
4817 Virnig John P ◎ Δ AT 4-6485
4818 May Otrby R ◎ Δ AT 2-6579
4825 Quinn John F ◎Δ AT 7-1997
4826 Bullard Hamilton D ◎
Δ AT 4-0255
4833 Estell Anna M ◎ Δ AT 7-8563
4834 Seney Harvey E ◎ Δ AT 7-1340
4839 Duff Daniel J Δ AT 2-4867
4851 Vacant
4855 Hurnton Doris A Δ AT 4-4739
NE Humboldt intersects
4908 Goldberg Chas S ◎
4918 Vacant
4919 StAndrews Parochial School
Δ AT 4-1620
4926 Carino Frank U ◎ Δ AT 7-5819
4932 Somera Leo I ◎ Δ AT 8-2669
4942 Wright Matthew F Δ AT 4-0254
4949 StAndrews Catholic Ch
Δ AT 1-4429

4956 Donahue Robt J ◎ Δ AT 2-0213
NE Alberta intersects
5019 Dahl Hulda R Mrs
5026 Crewdson Beatrice L ◎
Δ AT 7-9906
5027 Emert Lillian M Mrs ◎
Δ AT 7-7487
5036 Parker Lowell R ◎ Δ AT 1-6845
5037 Yaun Alf ◎ Δ AT 1-3827
5049 Tunstall Harold C ◎
Δ AT 4-8064

150
NE Webster intersects
NE Sumner intersects
5220 Vacant
5251 Vacant
5252½No return
NE Roselawn intersects
NE Emerson intersects
5316 Cross Elton M Δ AT 2-8975
5320 Dayton Renwich jr
5321 Abella Wm J Δ AT 7-9961
5334 McNealy Elroy B Δ AT 4-7368
NE Killingsworth intersects
5405 Scott Wm C ◎ Δ AT 4-4329
5412 O'Neill Jas H Δ AT 4-6978
5420 Welkert Wm S Δ AT 2-5906
5503 Akagi Sami I ◎ Δ AT 2-9195
5512 Yaunney Jerry
5513 Johnson Eldira J Mrs ◎
Δ AT 7-0309
5520 Hartley Danl W ◎ Δ AT 7-1552
5533 Dorigan Frank ◎ Δ AT 7-6430
5514 No return
NE Church intersects
5614 Beier Aug J ◎ Δ AT 4-0893
5624 Baumer Wm B ◎ Δ AT 1-6352
5627 VanWinkle Edith E Mrs ◎
5636 Blaszak Adam A ◎ Δ AT 2-6669
5637 Nowlen Chas E ◎ Δ AT 2-1858
5646 Preston Lewis ◎ Δ AT 7-5805
NE Jessup intersects
5706 Cunningham James
5714 Cook Geo ◎ Δ AT 2-8848
5717 Smith Lee ◎
5722 Schmidt Martin ◎ Δ AT 8-2793
NE Jarrett intersects
5826 Townsend Ray L ◎ Δ AT 2-2824
5830 Vacant
5832 Eurick Robt
5834 Duggan Timothy
5836 White Archie E Δ AT 1-8413
5837 Layton Donald ◎ Δ AT 1-2533
5838 Rogers Moyne O Δ AT 8-2875
5840 Vacant
5842 Benhoff Barbara
5844 Albrecht Sidney Δ AT 1-0717
5852 Leslie Willie L Δ AT 4-3173
5862 Vacant
NE Simpson intersects
5904 Bowden Erskine Δ AT 7-1302
5914 Vacant
5924 Triplet Alvin Δ AT 4-5562

168
NE Ainsworth intersects
6022 Boston Chas W ◎ Δ AT 7-1314
6033a Moore Jas L Δ AT 4-8976
6034 Degidio Jos R ◎ Δ AT 7-1486
6035 Widing M Ted ◎ Δ AT 1-3804
6112 Nielsen Gunnar C ◎
Δ AT 7-0193
6117 Schmidt Helen C Mrs ◎
Δ AT 4-7763
6122 Fredericks Kenneth E ◎
Δ AT 8-3597
6130 Bahler Wm P ◎ Δ AT 8-1965
6133 Foust Louis A ◎ Δ AT 2-2109
6203 Olson Anna Mrs
6210 Holboke Jas R ◎ Δ AT 8-3259
6217 Rickert Andrew J ◎ Δ AT 2-7184
6226 Hoag Jas F ◎ Δ AT 7-6385
6230 Hunt Mary E ◎ Δ AT 8-4104
6321 Master Alex ◎ Δ AT 7-7863
6329 Hallbaugh Maude Mrs ◎
AT 7-4602
6332 Keep Irene M Mrs ◎
Δ AT 7-7341
6343 Anderson Clayton M Δ AT 1-1995
NE Highland intersects
6405 Crater Raymond ◎ Δ AT 8-4352
6413 Smiley Frank ◎ Δ AT 7-7405
6423 Fair Francis T ◎ Δ AT 1-1919
6426 Hollcraft Thos J ◎
Δ AT 4-3395
6435 Seward Albert H ◎
6451 Seybold Raoul D ◎ Δ AT 1-9507
NE Portland blvd et intersects
NE Portland blvd intersects

174
NE Madrona intersects
7003 Blackmore Walter R ◎
Δ BU 9-6663
7010 Rogers Chas M
7012 Rogers Leon E
7014 Grauenz Lyle E
7023 Loven Vernon ◎ Δ BU 5-4418
7043 Harper Robt G ◎ Δ BU 9-5229
7055 Stevenson Jas A ◎ Δ BU 5-2241
7061 Spearing Nathan ◎ Δ BU 9-3143
7062 Buchanan Dave ◎ Δ BU 9-9871
7102 Allen Freddie ◎ Δ BU 9-1263
7111 Mundy Freda L Mrs ◎
Δ BY 5-1973
7120 Charbonneau June ◎ Δ BU 9-0405
7121 Engel Roland ◎ Δ BU 5-1679
7131 Johnson Gustaf A ◎
Δ BU 9-8291
7136 Green Harrison ◎ Δ BU 9-8079
7143 Gee Tommie L
7200 Johnson Wm A ◎
7203 Gitsch Frank A ◎ Δ BU 5-3383
7214 Rumala Eva Δ BU 9-0969
7215 Bailey Shelton ◎ Δ BU 5-2312
7222 Donovan Marie C Mrs ◎
Δ BU 5-2714
7225 Brosseau Albert L ◎
Δ BU 5-3412
7234 York Edwin F ◎
7245 Gates Russell Δ BU 9-3526
7246 Hudson Jesse J ◎ Δ BU 9-2714
NE Holland intersects

5
9TH AV, NW—From 901 W Burnside north
7 Bausch & Lomb Optical Co
whol Δ CA 2-9305
15 City Center Parking Inc
Δ CA 7-5131
22 United Radio Sup Inc whol
Δ CA 6-6335
25 Thorsen Parking Lot
Δ CA 7-9213
31 Ore Engraving & Electrotyping Co photo engr Δ CA 7-0531
34 Carl's Auto Serv repr
Δ CA 3-4649
NW Couch intersects
102 Met printing Co Δ CA 7-2407
108 **Graphic Arts Building**
Rooms:
207 Timberman The (compsoing rm)
Δ CA 2-1314
302 Bloch Adolph L Adv Agcy
Δ CA 7-5664
305 Emmons Engraving Co photo
Δ CA 8-2748
Watson Harry Adv coml artists
Δ CA 8-8835
306 Elvers Jos C coml artist
Δ CA 7-5748
Street continued
115 Vacant
120 **Binfords & Mort Building**
Rooms:
208 Powers Alf ofc Δ CA 7-2934
209 Updike & Johnson Typesetting
Δ CA 3-5050
212 Platt Lithograph Co
Δ CA 2-6206
216-20 Giesey Paul O Adcrafters Inc typograpers
Δ CA 6-3943
Street continued
124 Binfords & Mort publs
Δ CA 7-2407
125 West Side Auto Serv pntrs
Δ CA 8-3771
136 Fuller's Coffee Shop restr
Δ CA 8-8095
NW Davis intersects
215 Griffith John H Co (side entr)
223 Vacant
238 Reliable Transfer Co (whse)
NW Everett intersects
305-21 Benz Spring Co mfrs
Δ CA 7-3687
338 Abbott Kerns & Bell Co pntrs
Δ CA 7-1101
NW Flanders intersects
403 Northwest Hotel Supply Co
Δ CA 8-8456
410 Vacant
471 Pac Metals Co (whse)
420 Daniels Harold L sht mtl
Δ CA 2-5358
423 Vacant
431 Tracey & Co Inc (radio parts dept)
NW Glisan intersects
NW Hoyt intersects
NW Irving intersects
NW Lovejoy intersects
1105 SP & S Ry Co (locomotive dept)
Δ CA 8-9111
1140 Union Pacific RR Co (dining car & hotel dept) Δ CA 7-7771
1300 Northern Pacific Terminal co of Ore (yd ofc) Δ CA 7-3421

178
9TH AV, SE—From 901 E Burnside south
14 **Shannon Apartments**
A No return
B Vacant
C Williamson Maria B Mrs
D Witherspoon John L
E Vacant
F Phimister Emma Mrs
G Vacant
H Vacant
I Lapo Fred C
J Carver Virgil M Δ BE 2-0374
K Haglund Anna Mrs
L Green Thelma M Mrs
20 A C D C Elec Mtrs reprs
Δ BE 2-8598
20a Miller Tevis J Δ BE 4-8951
30 Berg Mary J Mrs
32 Brigham Anna R ◎ Δ BE 5-6066
33 Vacant
SE Ankeny intersects
103 Pitts Edith R Mrs Δ BE 5-5716
105 Rea Cora M Mrs
107 Pieron Wm Δ BE 4-8143
109 Eaton Clay W Δ BE 5-7494
115a Isaacson Dean K
115b Yuasa Jean Mrs Δ BE 4-7856
116 Laxson Jesse P Δ BE 2-5679
117 Brown Clifford R Δ BE 4-1598
118 Dornbach Jos W
122 Samuels Saml D Δ BE 2-1346
123 Day Hazel C Mrs Δ BE 5-5670
126 Arzadon Felix Δ BE 2-4561
131 Ealey Robt B
134 Pinciu Emil
135 Miller Glenn C
SE Ash intersects
215 Centenary Wilbur Methodist Ch
Δ BE 4-6576
Mullens W Stanley
SE Sandy blvd intersects
SE Pine intersects
418 Cunningham Lulu M Mrs ◎
422 Gulfi Lizzie Mrs
425 Ardles Machy & Sls dlrs
Δ BE 4-7284
Harshberger Equip Co machy dlrs
Δ BE 4-7284
432 Armor Automotive Serv
Δ BE 4-2600
SE Stark intersects
526 Produce Transport Dispatch
Δ BE 6-3098 BE 6-8521
SE Washington intersects
606 State Dept of Ag Div of Grain Insp Δ BE 5-6636
SE Alder intersects
777 Columbia Sls Co restr equip
Δ BE 6-0121

234
SE Morrison intersects
SE Belmont intersects
930 Pac Tel-Northwest (garage)
SE Yamhill intersects
1002 Pein Box Co Oregon Ltd mfrs
Δ BE 2-3139
1035 Western Mach Corp Δ BE 6-4117
SE Taylor intersects
1100-08 Ore Brass Wks (Shop & Laby)
SE Salmon intersects
1212 Pierce Trailer & Equip Co (whse)
1240 Senter Tool Serv Inc mfrs
Δ BE 2-4115
SE Main intersects
1306 Pierce Trailer & Equip Co mfrs
Δ BE 2-3191
1313 Cameron Hilda M Mrs
Δ BE 2-2018
1315 Paramount Sup Co whol industrial sups Δ BE 2-4137
1325 NuVita Foods Δ BE 4-6619
1340 East Side Tool Die Works Inc
Δ BE 5-2164

240
SE Hawthorne blvd intersects
1510 **Beavor Building** Δ BE 5-9497
Ancient Order of Druids Grove No 2
Ancient Order of Druids Grove No 2
Bersaglieri Columbia Society
Brotherhood of Locomotive Firemen & Enginemen Rose City Lodge No 308
Brotherhood of Locomotive Firemen & Enginemen Multnomah Lodge No 969
Brotherhood of Railroad Carmen of America Local No 931
Brotherhood of Railroad Carmen of America Pac Coast Lodge No 419
Brotherhood of Railroad Carmen of America Local No 932
Brotherhood of Railroad Trainmen Sunset Lodge No 130
Catalina Lodge No 21 (KofP)
Circolo Foro Columbo Society (Italian)
City of Roses Lodge No 1023 (Italian)
First Spiritualist Church
Fleet Reserve Assn
Fleet Reserve Assn Auxiliary Association
Happy Time Club
Helvintia Male Chorus
Independent Woodworkers of America Local No 9-231
International Brotherhood of Elec Wkrs Local No 49
International Brotherhood of Electricians Local No 799
International Longshoremans & Warehouse Union Local 92
Italian Grove No 2 Sons of Italy Journal Juniors
Lind Jenny Lodge Inc No 43
Maynard J B Lodge Railroaders Union
One Hundred Club
Patternmakers Association
Phalenx Temple No 17 Phythian Sisters
Portland Small Craft Club
Progressive Italian Am Club
Puglicse Lodge (Italian)
Pulp Sulphite Workers Rose City Local No 242
Railway Clerks Pac Coast Lodge No 419
Real Estate Brokers & Salesman Association
Regina Margherita Circle No 1 Ancient Order of Druids
Reichlein Clarion E
Rose City Lodge No 308 Auxiliary
J P Maynard Lodge Railroaders
Runeberg Chorus
Runeberg Lodge Local No 125
Scout Young Camp No 2 Spanish-Am War Veterans
Scout Young Camp No 3 Spanish-Am War Veterans
Scout Young Camp No 3 Auxiliary Spanish-Am War Veterans
Sheet Metal Workers Local No 326
Shop Caulkers Union Local No 2218
Sons & Daughters of Columbus No 2020
Sons of Italy No 1611
Swiss American Society of Portland
Swiss Ladies Aids Society
Switchmen's Union Local No 329
Terminal Mtce Local No 799
Tile Setters Helpers Local 120
United Steel Workers of America No 4896
Veterans World War One Barracks No 53 and auxiliary
Veterans of Foreign Wars-Dept of Ore Δ BE 4-0795
Waukeena Council No 29 Improved Order of Redman
Wholesale Salesmen Assn Local Δ NO 1243
Workmen's Benefit Fund Assn
1530 Industrial Parts Inc tractor parts
Δ BE 2-5119
1611 Cox M O Sheet Metal Co Inc
Δ BE 2-1117
1612 Gaston Chas E
1616 Vacant
1617 Montell Dominic ◎
1623 Williams Oscar E
1625 Olinhouse Marie Mrs
1627 Krug Martin C jr ◎
Δ BE 5-1635
1627a Vacant

SE Market intersects

9TH AVE SE 1960

9TH AV, SE—Contd
1733 World War Post Memorial Building
Veterans of Foreign Wars Post 9007 Auxiliary
Veterans of Foreign Wars Post 9007
SE Mill Intersects
1821 Anderson Lloyd Ⓞ △ BE 2-6539
1839 Palmer Printing Co △ BE 5-2928
SE Stephens Intersects
1902 Evans Lowell W △ BE 4-5619
1912 Percic Ovidio △ BE 2-9634
SE Harrison Intersects
2005 Biggs Rebecca Mrs △ BR 5-1095
2013 Turgeon Regina M
2014 Best Millwork (Columbia Industries) cabt mkrs △ BE 4-4195
2017 Borwn Carrie Mrs Ⓞ △ BE 2-6603
2025 Pittman Harry
2026 No return
2029 Interstate Brass Foundry △ BE 4-4211
2032 Church Wm
2035 Martini Hazel Mrs Ⓞ △ BE 5-2739
2035a Wilcox John
2037 Beehler Wilhelm △ BE 5-1843
2037a Little Myron
242
SE Lincoln Intersects
2105 Western Engs Inc coml refgr △ BE 5-3193
2139 Vacant
SE Grant Intersects
2214 Stillmant Harry D
2218 Cruse Nova Mrs △ BE 2-2944
2224 Hammer John J Ⓞ △ BE 6-3416
2236 Lewis G R Ⓞ △ BE 2-0328
SE Sherman Intersects
2305 Matthews Refgr & Door Co coml refgr △ BE 4-9593
2314 Califf Chas E △ BE 4-6318
2328 Kufner Fred Ⓞ
2336 Willamette Pattorn Wks △ BE 2-0793
2337 Scott Emery J Ⓞ △ BE 5-1653
SE Caruthers Intersects
2410 Vacant
2416 Vacant
2422 Bocci S J Ⓞ △ BE 6-9024
SPCo tracks cross
SE Division Intersects
SE Taggart Intersects
2838 Iron Firemen Mfg Co (electronics div) △ BE 4-6551
276
SW Powell blvd Intersects
3004 No return
3006 McAllister John △ BE 2-1253
3007 Ruttner John L Ⓞ △ BE 6-1754
3013 Hopkins Virgil D Ⓞ △ BE 2-3893
3014 Kennedy Jefferson B Ⓞ △ BE 2-7398
3019 Cantello Maria Mrs Ⓞ
3025 Wong Junr S Ⓞ △ BE 4-3061
3034 Nielson Lehi V
3035 Antonacci Don Ⓞ △ BE 5-3404
3043 Annis Clifford R Ⓞ △ BE 2-4202
3044 Robertson Jas M Ⓞ △ BE 2-4305
3114 King Jessie P Mrs Ⓞ △ BE 2-3541
3115 Vacant
3122 Mayer Lawrence
3123 Nowton Emerson △ BE 2-9095
3131 Alsdorf Albert A Ⓞ
3132 DeCillo Anna Mrs Ⓞ
3205 Martin Peter W △ BE 5-5429
3212 Robbins Mary A Mrs Ⓞ △ BE 5-6930
3213 McClintock Goldia I Mrs Ⓞ
3214 Rasmussen Frank M Ⓞ △ BE 6-5214
3224 Hanahan Wilford E Ⓞ △ BE 6-6377
3229 Panattoni Lawrence D Ⓞ △ BE 5-2482
SE Franklin Intersects
3318 Rusler Robt Ⓞ
3324 Henderson Jennie Mrs Ⓞ △ BE 2-1667
3330 Longoria Nicholas △ BE 6-8876
3333 Falls Omar G △ BE 5-7166
3340 England Earl
3343 Taylor Roy A △ BE 5-1833
3358 Theller Edmund J Ⓞ △ BE 5-2784
3376 Grapperhaus Louise E Mrs Ⓞ △ BE 2-7376
3380 Wachsmuth Ellz J Mrs Ⓞ △ BE 2-8873
3395 Erickson Torals R Ⓞ △ BE 6-0701
SE Rhine Intersects
3405 Blakley Lyle D Ⓞ △ BE 6-2713
3406 Brardinelli Lud A Ⓞ △ BE 6-2509
3415 Jans Errol P Ⓞ △ BE 5-3689
3416 Goetten Max W Ⓞ △ BE 2-8876
3428 Lear Jos D Ⓞ △ BE 5-3014
3441 Reif Veronica Mrs △ BE 4-3408
3443 Kleffner Leo H Ⓞ △ BE 5-7935
3449 Bruch John H Ⓞ △ BE 2-8881
SE Rhine Intersects
3506 Stremich John J Ⓞ △ BE 6-3786
3511 Adams Richd L △ BE 6-9348
3512 **Apartments**
A Cooper Mary Mrs △ BE 4-7830
B Younger Enid A Mrs △ BE 2-9853
C McNamara Lila M Mrs Ⓞ △ BE 2-7997
D Ewing Roger B
3520 **Apartments**
1 Pattison Thos
2 Mobley June △ BE 6-3902
3 Vacant
4 Crimmins E J
Street continued
3525 Vets Co-op Painting Contrs △ BE 5-0675
Pine Donald Ⓞ △ BE 5-0675
3603 Shute Henry T △ BE 4-3245
3604 Borden Linden A △ BE 4-5749
3605 Williams David G △ BE 4-5937
3613 Clark Wm F △ BE 4-7096
3614 Solomon Walter Ⓞ △ BE 5-7082
3615 Nicoll Harry S Ⓞ △ BE 6-4478
3623 Hoadly Edna B Mrs Ⓞ △ BE 6-3389
SE Rhone Intersects
3708 Jenkins Luther I △ BE 6-6059
3712 Wallace Betty M Ⓞ △ BE 4-3262
3724 Funk Orin Ⓞ △ BE 5-5747
3725 Friendhoff Jos G Ⓞ △ BE 4-2576
3734 Sericko Virginia M Mrs Ⓞ
3735 Nakoff Chris B △ BE 2-6664
3743 Stark Floyd P Ⓞ
3748 Derrick Clarence D Ⓞ △ BE 6-5320
3756 Sericko Jos T Ⓞ △ BE 6-1687
3757 Meagher Helen G Ⓞ △ BE 2-8970
3763 Doern Leopold J Ⓞ △ BE 2-2406
3764 Panichello Sam W Ⓞ
3775 Seifert Dennis D Ⓞ △ BE 6-6936
SE Bush Intersects
3801 Hodapp Florentine E Ⓞ △ BE 2-1773
3817 Reverman Frank J Ⓞ △ BE 2-8050
3818 Tibbitts Alice M Mrs Ⓞ △ BE 6-0807
3828 Buzzelli Don L painting contr Ⓞ △ BE 6-5652
3829 Kurth Edin G Ⓞ △ BE 6-4852
3904 Graff Theresa Mrs Ⓞ △ BE 5-4804
3907 Ginter Wendel Ⓞ △ BE 2-3559
3914 Anderle Rose A Mrs Ⓞ △ BE 6-1539
3923 Wilke Frank A Ⓞ △ BE 2-1805
3924 Schwerdt Jos Ⓞ
SE Center Intersects
4004 Waterworth Theo V Ⓞ △ BE 6-3661
Waterworth Gordon L Ⓞ △ BE 5-7395
4017 Strum Louis A Ⓞ △ BE 6-0497
4023 Talarico Alphonso Ⓞ landscape gdnr △ BE 6-2686
4030 Grano Peter A Ⓞ △ BE 6-6262
SE Center Intersects
4105 No return
4110 Ellis Clara Mrs Ⓞ △ BE 5-3219
4115 Hall Richd W Ⓞ △ BE 5-8248
4125 Raschio Peter J Ⓞ △ BE 2-7230
SE Boise Intersects
4203 Mooffenbeler Ben M Ⓞ △ BE 6-4343
4208 Schopp Lee A Ⓞ △ BE 5-4271
4215 Emig Rose H Mrs Ⓞ △ BE 2-3915
4222 Plath Juanita C Ⓞ △ BE 6-6293
4225 Washam Harold L △ BE 5-7434
4237 Schaffer Jos P Ⓞ △ BE 2-9088
4249 Vacant
SE Cora Intersects
4301 Cavette Arth J Ⓞ △ BE 4-1088
4311 Weber Francis L Ⓞ △ BE 6-3977
4327 Jordan John Ⓞ △ BE 6-3533
4328 Huber Chester W Ⓞ △ BE 6-4735
4340 Glenn Roxy M Mrs Ⓞ △ BE 6-3108
SE Mills Intersects
SE McLoughlin blvd Intersects
328
SE Sellwood blvd Intersects
SE Rex Intersects
SE Malden Intersects
7633 Smith Alf V Ⓞ △ BE 6-2490
7636 Hawkins Eva M Ⓞ △ BE 6-5840
7704 Cutone Mike Ⓞ △ BE 2-8280
SE Maldon Intersects
SE Lambert Intersects
SE Bidwell Intersects
7826 Vacant
7866 Hartman Norbert F △ BE 6-2382
7807 Steele Walter D △ BE 2-0368
7875 Szeimies Ernest E Ⓞ △ BE 6-2096
7885 Casteel Jas W △ BE 4-8689
SE Lexington Intersects
SE Miller Intersects
7925 Roger John C △ BE 5-5160
7930 Lewis David R Ⓞ △ BE 2-2711
7935 Laymon Saml J △ BE 4-3610
7953 Turner Bernard E Ⓞ △ BE 6-4364
7961 Vacant
7971 Crew Wm E Ⓞ △ BE 5-6243
SE Nehalem Intersects
8007 Barnard Amy M Mrs Ⓞ △ BE 5-6702
8013 Admiro Billie G △ BE 2-5767
8014 No return
8028 Miener Fred H Ⓞ △ BE 6-9195
SE Spokane Intersects
8054 Vacant
8057 VanRhijm Willem △ BE 2-0709
8064 Heuker Herman △ BE 6-8231
8065 Kelly Frank T △ BE 6-9156
Osborne Ernest E
8075 Pfaff John E △ BE 4-2883
8085 Schneider Edw J Ⓞ △ BE 5-2094
332
SE Tacoma Intersects
8110 McCrady Manuel M Ⓞ △ BE 4-4131
8115 Turner Ernest F Ⓞ △ BE 6-8991
8116 Barber Eug △ BE 6-7172
8122 Castle Jack V △ BE 6-6812
Piphen Alma Mrs △ BE 6-9257
Inberg Evelyn Mrs
Exum Willard J
8124 Davis Leslie V
McNeill Mary Mrs
8125 Cripe Iris I △ BE 4-8166
8135 Nelson Nils E △ BE 4-3466
SE Tenino Intersects
8204 Allgeier Jos Ⓞ △ BE 6-4395
8205 Yost Marie Mrs Ⓞ △ BE 6-7862
8214 Kephart Benton E △ BE 6-9725
8225 Kane Robt L Ⓞ △ BE 2-5882
SE Umatilla Intersects
8315 Light Granville A Ⓞ △ BE 4-2531
8325 Holcomb Wm T Ⓞ △ BE 5-7555
8335 Dirrim Jas W Ⓞ △ BE 6-4245
SE Harney Intersects
8402 No return
8403 Versteeg Howard K Ⓞ △ BE 6-2537
8416 Wells Fred O Ⓞ
8416 Vacant
8423 Deems Ernest A Ⓞ △ BE 5-7077
8424 Waldner John J Ⓞ △ BE 5-1207
8424 Anderson James
SE Sherrett Intersects
8503 Harth Jacob Ⓞ
8504 Schmidt Fred J Ⓞ △ BE 2-1839
8511 Blankenbeckler Haney H Ⓞ
8512 Huff George C Ⓞ △ BE 5-2580
8523 Tyler Florence E Mrs Ⓞ △ BE 6-5893
8524 Kullander Rhoda Mrs Ⓞ △ BE 5-7950
8535 Harth Henry A Ⓞ △ BE 5-7055
SE Clatsop Intersects
8613 Sayre David R Ⓞ △ BE 2-5220
8625 Benjamin Idamay J Ⓞ △ BE 6-3838
SE Marion Intersects
8704 Strayer Earnest W
8714 Janson Harold A △ BE 5-4735
8715 Giannetti Helen Mrs Ⓞ △ BE 6-7830
8736 Vacant
SE Linn Intersects
8805 Brault Dorothy Ⓞ △ BE 6-5521
8815 Andersen Ralph A △ BE 5-7228
8823 McGraw B O Ⓞ △ BE 5-4729
8824 Trukositz Ida Mrs Ⓞ △ BE 6-3118
8833 Sundquist August A Ⓞ △ BE 6-0320
8844 Hunt Mary A Mrs Ⓞ △ BE 2-9098
Maule John Ⓞ △ BE 5-5902
8854 Chlestik Makar Ⓞ △ BE 2-9943
Dikeman Ruby A △ BE 4-2557
8855 Riley Russell E Ⓞ △ BE 6-6331
8874 Stafford Louis S Ⓞ △ BE 6-5756
8877 LaMear Douglas F Ⓞ △ BE 5-1030
8879 **Waverly Manor Apartments**
1 Matheny Jean Mrs △ BE 4-7837
2 Krutz John J
3 Magwood Jas R
4 McEwen Hiram E Ⓞ △ BE 2-6741
5 No return
6 Thomas Judy
7 Vacant
Street continued
8881 Maley Robt C Ⓞ
Maley Finance Co △ BE 4-1756
8881b Palmer Leslie △ BE 2-2319
185
9TH AV, SW—From 901 W Burnside south
203 Monroe Calculating Mach Co Inc △ CA 8-5181
209 Dickson H E Ins Agcy △ CA 3-6610
Herzog Don Ins Agcy △ CA 3-7057
211 Simmons J Cliff Co mfrs agts △ CA 8-9862
219 Gillette Sam D Agcy ins △ CA 8-9264
Lawrence Abbott W Agcy ins △ CA 8-9264
Lee & Walter Ins Serv △ CA 8-9264
Nichols Albert I Agcy ins △ CA 8-9264
SW Oak Intersects
302 Irv's Coffee Shop △ CA 8-9944
306 Sport Shop The sporting gds △ CA 8-3898
310 New York Hat Co clns △ CA 8-4807
314 **Myler Building**
Rooms:
1 Brown Russell Ofc Serv △ CA 6-3295
2 Vacant
6 Vacant
8 Commercial Telephraphers Union-Western Union Div Local No 92 △ CA 8-4924
9 Residential Plan Serv archt designer △ CA 8-1880
11 Leib Howard real est △ CA 3-0384
12 Communications Wkrs of Am Local No 9201 △ CA 7-7277
14 Am Locker Co (storerm)
15 Am Locker Co Inc rental △ CA 7-2143
17 Vacant
Street continued
316 Gann Bros prntrs △ CA 7-6343
324 Sunbeam Appliance Serv Co △ CA 2-9631
SW Stark Intersects
419 Pittock Block (side entr)
Columbian Bifocal Co whol opticians △ CA 3-7371
420 Columbia Bldg Barber Shop
422 Vacant
1B-8
SW Washington Intersects
515 London House men's clo △ CA 3-1800
516 Standard Ins Co (side entr)
520 Pac Tel & Teleg (plant)
SW Alder Intersects
622 Hotel Eaton △ CA 3-7291
Steinbach A B Est △ CA 3-7291
Steinback Jerome B
623 Olds & King (side entr)
626 Coffee Time Cafe △ CA 7-8343
1B-17
SW Morrison Intersects
710 **Zell Building**
2d fl Patterson M F Dental Sup Co △ CA 3-7321
3d fl Alexander John H dentist △ CA 7-3145
Hausler Ray W phys △ CA 7-0981
712 Beltone Hearing Center △ CA 3-2156
720 Nutrition Food Center health foods △ CA 8-4679
722 Curry's Ground Gripper Shoe Store △ CA 3-6526
724 Wells Robt Coin Shop △ CA 8-3892
728 Menashe Lunch & Tavern restr △ CA 7-8271
732 **Dental Arts Building**
Rooms:
201 Reiter Philip J dentist △ CA 2-5101
202 Dafoe Ralph E dentist △ CA 8-2077
203 Hall Orton L dentist △ CA 7-4597
301 Bodner Geo H dentist △ CA 8-8783
302 Tuehler Henry dentist △ CA 3-4844
303 Knauss Arth K dentist △ CA 8-1823
401 Vacant
402 Finnell Chas A dentist △ CA 8-0388
403 Crookston Nathan L dentist △ CA 7-6850
502 Eland Donald G dentist △ CA 3-3339
Gilmore Todd dentist △ CA 4-3600
503 Anderson Roland M dentist △ CA 8-5460
Street continued
810 Butterfield Geo H & Son mfrs contact lenses △ CA 6-6691
818 Paulson G W Co (ship dept)
821 Guild Theatre △ CA 6-2577
1B-19
SW Taylor Intersects
907 Art Craft Silversmiths △ CA 3-0936
911 Perma-Pad Mfg Co plastic △ CA 3-0936
915 Vacant
923 Am Beauty Shop △ CA 3-1472
925 Broiler The restr (side entr)
171
SW Marquam rd Intersects
SW Gibbs Intersects
173
SW Whitaker Intersects
211
SW Evans Intersects
8025 Cordano Warren C Ⓞ △ CH 4-3768
8026 Haworth Forrest C Ⓞ △ CH 4-8342
8036 Drury G Murlin Ⓞ △ CH 4-3737
8037 Corbit Harold F Ⓞ △ CH 4-8557
8043 Adams Eug C Ⓞ △ CH 4-8653
8100 Norstrom Paul L Ⓞ △ CH 4-2614
8107 Noble Andrew B pntr contr △ CH 4-8735
8108 McDonough Louis F Ⓞ
8116 Daniel Ray J Ⓞ △ CH 4-9768
8121 Wright Raymond L Ⓞ △ CH 4-7153
SW Hume Intersects
8208 Boyd H Stockton Ⓞ △ CH 4-8813
8223 Mahar Chas H Ⓞ △ CH 4-8234
8226 Schlatter Nellie F Mrs Ⓞ △ CH 4-7890
8232 Haggerty Cecil E Ⓞ △ CH 4-7809
8243 Graves Ward H Ⓞ
SW Hume st Intersects

CANCELLA
GUARANT
RENEWAB
AND LEV
PREMIU
DISABILI
INCOM
ALSO
HOSPITALIZ
AND LIF
INSURAN
Massachu
Indemni
and
Life Insur
Co.
Philip M. Fe
General Ag
Sanford J. We
Agency Supe
CApit
6-609
535 S.V
College

LOCAL LONG DISTANCE OVERSEAS
FOR MODERN MOVING AND STORAGE
321 S. W. GLISAN PORTLAND PHONE CApitol 6-4531

OIL BURNERS FURNACES • OIL DELIVERY • SERVICE
BElmont 2-0194
500 N. E. UNION AVE.
SANDBERG
THE FURNACE WITH THE 20-YEAR WARRANTY

ALDER SE 1960

ALDER, SE—Contd
711 Dental Craft Laboratory △ BE 5-3830
Rogoway Morris B dentist △ BE 5-3830
Turple Theo C dentist △ BE 5-3830
719 Woodmen of the World Building
Woodmen of The World Club △ BE 4-4149
720 Northwest Elec Sup (side entr)
SE 8th av intersects
801 Mitchell Lewis & Staver agrl impits △ BE 2-4191
808 Roberti's House of Wines whol △ BE 2-4443
820 Crown Mfg Co aluminum △ BE 6-8413
830 Bruce-Emmett Co mfrs agts △ BE 2-8117
SE 9th av intersects
939 Alaskan Copper & Brass Co △ BE 6-2121
180
SE 10th av intersects
SE 11th intersects
1110 Multnomah County Library Sch Serv △ CA 3-7201
SE 12th av intersects
1218 Vacant
1226 Crombie John △ BE 5-3371
1234 Gailey Fern Mrs △ BE 4-1096
1242 Scott Lorenzo D Ⓡ △ BE 2-7961
1257 Washington High Sch (gymnasium)
1300 Roos A Wayne Ⓡ △ BE 5-3621
1334 Klenow's Food Stores (buyer ofc) △ BE 4-5135
SE 14th av intersects
1403 Neal Wm O △ BE 2-9961
1409 Palmer Sarance M Ⓡ △ BE 5-7426
1415 Dowd Cora A Ⓡ △ BE 2-8382
1427 Ball Gertrude J Mrs Ⓡ △ BE 2-9409
1435 Apartments
1 Tate Eva L Mrs △ BE 2-1887
2 Dickerson Frank
3 Vacant
4 Vacant
5 Simon Geo J
6 Anderson Chas
182
SE 15th av intersects
1507 Pierce Howard R △ BE 2-8781
1516 Vacant
1518 Dudley Elva N Mrs Ⓡ △ VE 4-4150
1522 Jones Geo E △ BE 4-1155
1524 Vacant
1535 Robt Geo G Ⓡ △ BE 4-2471
SE 16th av intersects
1618 Sandberg Clarence W Ⓡ
1626 Apartments
1 Harpole Harvey
2 Looker Wm F △ BE 4-3441
3 Plank Harold E △ BE 5-2497
4 Warren Golda Mrs △ BE 4-4008
5 Vradenburg Harriett Mrs △ BE 4-4514
6 Muir Robt G △ BE 6-6365
7 Hubbard Jessie Mrs △ BE 5-0167
SE 17th av intersects
1714 Hanson Runamae Mrs Ⓡ △ BE 5-6923
1716 Moore Thos △ BE 6-9708
1718 Rosenberg Elsie Mrs △ BE 5-4486
1720 Vacant
1722 Ross Stella I Mrs Ⓡ △ BE 5-5120
1725 Bennett Wm E Ⓡ △ BE 5-4590
1726 Penwell Margt Mrs Ⓡ △ BE 6-2829
1728 Fleenor Cecil W
1732 Reeder Blanche M Mrs △ BE 2-8392
1734 Viles Jas N △ BE 6-7852
1736 Roberta Eleanor J Mrs
1737 Vacant
1738 Hall Ruth A Mrs Ⓡ △ BE 2-2292
SE 18th av intersects
1804 Stevens Doll Ⓡ △ BE 5-3020
1805 Oviatt Wells jr △ BE 5-4911
1806 Vacant
1815 Catabay Leo C Ⓡ △ BA 6-9098
1816 Strange Hugh F Ⓡ △ BE 2-7472
1823 Mellis Maryann F Ⓡ △ BE 6-0903
1826 Kiesel Kath E △ BE 2-4249
1833 Clark Chas C Ⓡ △ BE 2-2584
SE 19th av intersects
1904 Smith Harold G Ⓡ △ BE 5-2572
1915 Drake Wm H Ⓡ △ BE 4-7067
1916 Snider Wilbert E Ⓡ △ BE 6-4454
1924a Wilson Geo A △ BE 2-5584
1925 Apartments
1 Jeffries Luther E △ BE 5-7394
2 Foster Basil
3 Mooney Lyda
4 Peters Mary
5 Shaner Hal R Ⓡ △ BE 6-6662
Street continued
1926 Mosley Almon B
1936 Soom Wm W △ BE 5-8246
224
SE 26th av intersects
2622 Colvert Frank Ⓡ △ BE 2-9474
SE 27th av intersects
2727 Woman's Convalescant Home △ BE 2-8475
SE 28th intersects
2824 Kerr Wm B △ BE 2-1578
29th av intersects
2905 Nix Chester D △ BE 4-8046
2909 Rusher Minnie Mrs △ BE 2-5643
2911 Lawrence Nettie Mrs △ BE 6-1734
2915 No return
2921 Apartments
1 Skaga Karsten Ⓡ △ BE 4-3436
2 Butts Donna M △ BE 5-0569
3 Schammel Edythe M Mrs △ BE 6-8611
4 Nelson Barbara J Mrs △ BE 6-8049
5 Rosell E Mrs △ BE 5-4591
6 Fisher Gloria
Street continued
2924 McClelland Thos E △ BE 4-4066
2934 Alder Crest Apartments
1 Yaeger Jennie L △ BE 4-6783
2 Hawthorn Chas A
3 Pivinski Steve △ BE 5-4402
4 Branch G H △ BE 2-9284
5 Larison Jessie
6 Pyles Betty △ BE 6-5994
7 Ryan Ida F Mrs △ BE 2-2794
8 Fay Nora Mrs
9 Longstreth Alice Mrs △ BE 2-8072
10 Nelson Verna Mrs △ BE 6-7458
11 Tringali Jos
12 Bird Dorothy Mrs △ BE 5-7398
14 Peterson Irving H △ BE 6-3700
15 Mickle Vera I △ BE 4-1991
16 Laing James
17 Thompson Edna △ BE 6-6972
18 Minor Wade S △ BE 5-0447
19 Yoder Wilson E △ BE 4-4198
20 Peters Chas
21 Conroy A L
22 Esch Lucille Mrs
Street continued
2943 Laurelwood Apartments △ BE 4-3193
1 Himanga Lily I △ BE 4-1838
2 Elwerth H J Mrs
3 Gerbrand John △ BE 4-6715
4 Catlin Mary L Mrs △ BE 6-4634
5 French Harriet Mrs △ BE 2-4693
6 Chase Jessie Mrs △ BE 2-1453
7 Draper Claude R △ BE 4-3193
8 Rait Alice Mrs △ BE 6-0843
9 Greves Nina G △ BE 6-0425
10 Connley Lois D Mrs △ BE 5-3473
11 Buebke Anne C Mrs △ BE 6-7873
12 Horton Maude R Mrs △ BE 2-2297
14 Persinger Richd D △ BE 2-6804
15 Olson Eleanor J Mrs △ BE 2-1830
16 Vacant
17 Bateham Harry
18 Stevenson Victor I △ BE 2-9707
19 Snow Edna Mrs
20 LeMar John
21 Condon Evelyn △ BE 4-1849
22 Leggett Nettie G Mrs △ BE 6-5998
23 Thomas Florence K Mrs △ BE 6-5666
24 Carty Cath
186
SE 30th intersects
3005 Vacant
3006 Griffith Thos Ⓡ △ BE 6-2932
3010 Gregg Harry O Ⓡ △ BE 6-5208
3019 Vacant
3022 Harr Mary C Mrs Ⓡ △ BE 2-4745
3027 Bertolotto Hugh Ⓡ △ BE 6-8239
3033 Geerligs Cornelius Ⓡ
3039 Kaiser Hugo C Ⓡ △ BE 4-4672
3048 Judy Jess △ BE 5-7406
3051 Vacant
SE 31st av intersects
SE 32d av intersects
3203 Vacant
3209 Meier Sylvester J Ⓡ △ BE 5-1056
3215 Geske Wm M Ⓡ △ BE 5-7902
3224 Pritchard Eliz Mrs Ⓡ △ BE 2-7284
3231 Carlson Elmer F Ⓡ △ BE 2-9715
3236 Apartments
1 Vacant
2 Vacant
3 Rhodes Sharron Mrs
4 Crane Ray H △ BE 5-0018
Street continued
3237 Vacant
3243 Schamp Paul G Ⓡ △ BE 4-8352
3253 Beech Steph D Ⓡ △ BE 2-1845
SE 33d av intersects
3317 Grimes Edwin T Ⓡ △ BE 5-2641
3323 Stayton Henry L Ⓡ
3334 Carnation Milk Co (repr dept) △ BE 2-2131
3337 Pauley Esther Mrs △ BE 4-6976
SE 34th av intersects
3422 Vacant
3423 Allen Jas D △ BE 2-0470
3435 VanDonsel Frank J Ⓡ △ BE 5-5358
3440 Vacant
3443 Machlan Paul A Ⓡ △ BE 6-7669
3449 Burkehart Robt Ⓡ
3450 Vacant
SE 35h av intersects
3504 Schlichenmeyer Fred Ⓡ △ BE 5-6021
3510 Schwartz Chas △ BE 4-2357
3511 Jourdan Edith M Mrs Ⓡ △ BE 2-2023
Gustafson Milla M Mrs
Quinell Henry
3516 Jones Ella A Mrs Ⓡ △ BE 2-8806
3517 Krug Clara E Mrs Ⓡ △ BE 6-1831
3525 Schroeder Ione L △ BE 6-2881
Hallomon Dean △ BE 6-0316
3528 Kerr Fred F Ⓡ △ BE 5-5553
3535 Smith Helen J Mrs Ⓡ △ BE 2-1406
3536 Miller Gayle T Ⓡ △ BE 2-3031
3545 Dubois Wm T Ⓡ △ BE 4-8103
3548 McKellor Donald Ⓡ △ BE 6-6176
3553 Ballon Grace △ BE 2-8225
3554 Rasmussen Nellie E Mrs Ⓡ △ BE 2-6017
3555 Leahey Raymond M △ BE 4-6773
SE 36th av intersects
3602 Wertheimer Jos Ⓡ △ BE 2-3858
3603 Hahn Walter △ BE 6-4463
Krug Jennie Mrs
3612 Jordan Rose A Mrs Ⓡ △ BE 4-1743
3615 Cornell J Harvey △ BE 4-2153
3616 Swanson Carl A Ⓡ △ BE 2-2329
3623 Carlton Leonora C Mrs Ⓡ △ BE 5-0796
3624 Snyder Harry A Ⓡ △ BE 5-0375
3625 Paris Peter A △ BE 2-3025
3634 Cowan John Ⓡ △ BE 2-1567
3635 Rasmussen Sofus A Ⓡ
3640 Stears Cenia Mrs Ⓡ △ BE 4-3666
3641 Carr Irene Mrs Ⓡ △ BE 2-8856
3652 Ketels John F Ⓡ △ BE 6-1359
SE 37th av intersects
3702 Beguhl Lewis R Ⓡ △ BE 4-5564
3710 Davidson Sarah M Ⓡ △ BE 2-1278
3714 Hanningan Francis A Ⓡ △ BE 6-6235
3717 Brandt Virgil B Ⓡ △ BE 4-7778
3722 Hiller Irene J Mrs △ BE 6-4698
3727 Shodderly Louise Mrs Ⓡ △ BE 4-1358
3730 Garvin John W Ⓡ △ BE 2-1344
3733 Manion Peter J Ⓡ △ BE 6-0413
3739 Rader Eddie L Ⓡ △ BE 2-2046
3740 Baker Donald △ BE 6-8530
3747 Hastings Jerome O Ⓡ △ BE 6-9403
3748 Pendleton Wm B Ⓡ △ BE 4-4064
3752 Weber Ernest M Ⓡ △ BE 5-0815
3757 Brownsworth Chas D Ⓡ △ BE 6-7510
SE 38th av intersects
3805 Ellis Chas S Ⓡ △ BE 2-1612
3814 Drake Clarence J Ⓡ △ BE 6-5002
3815 Crosby Clyde C Ⓡ
3820 Mattson Virginia E Mrs Ⓡ △ BE 2-7022
3825 Bryant Jas R Ⓡ
3826 Turner Frank A Ⓡ △ BE 2-7343
3834 Chinn Steph Ⓡ △ BE 6-4436
3835 Winans Manuel Ⓡ △ BE 2-5295
3840 Thacker Harold
3846 Rommel Juanita F Mrs Ⓡ △ BE 2-4409
188
SE 39th av intersects
SE 40th intersects
4103 Jackson May Mrs Ⓡ △ BE 4-7012
4105 Smith Wm F △ BE 6-1679
4124 Claremont Apartments
1 McElfish Hazel A △ BE 4-1574
Levorsen Agnes M △ BE 4-1574
2 Danielson Nils △ BE 5-5413
3 Meeds Nana E Mrs △ BE 5-1566
4 Nelson Harry E △ BE 5-0850
SE 42d av intersects
4211 Stevens Stanley R Ⓡ △ BE 6-1328
4215 Ligon Jimmy L △ BE 2-3469
4216 Gowin Myrl J Ⓡ △ BE 6-8780
4224 West Larry Ⓡ △ BE 2-0207
4233 Barteaux Eliz Mrs Ⓡ
4234 VanAtta Kenneth H Ⓡ △ BE 6-8167
4242 Heaton Carl C Ⓡ △ BE 2-0571
4243 Johnson Russell B Ⓡ △ BE 2-2728
4250 Jorgensen Sigrud Ⓡ △ BE 6-9009
4251 Brazil Gladys Ⓡ △ BE 6-4704
4261 Worden Clara E Mrs Ⓡ △ BE 2-2087
4264 Breeze Donald △ BE 6-3376
SE 43d av intersects
4305 Thistle Russell H Ⓡ △ BE 5-0202
4316 Collins Edith S Mrs Ⓡ △ BE 4-7039
4323 Millard Jas M △ BE 5-3440
4404 Butler Alvin A Ⓡ △ BE 6-3924
4405 Willing Wilma Mrs Ⓡ △ BE 5-1114
4407 Bradford Pat Mrs
4411 Stopper Geo J △ BE 6-0961
rear Fraser Mona B Mrs △ BE 6-2705
SE 45th av intersects
190
SE 46th av intersects
SE 48th av intersects
5605 Oakes Jas A C △ BE 2-4585
192
SE 53d av intersects
5530 Vacant
5605 Oakes Jas A Ⓡ △ BE 2-4585
5610 Vacant
5623 Ross Charlie V Ⓡ △ BE 2-0875
194
SE 71st av intersects
7107 Miller Mabel C Mrs Ⓡ △ AL 3-7150
7115 Bissonette Florence Ⓡ △ AL 3-8300
7126 Reilly Edw S Ⓡ △ AL 3-3626
7148 VanBeek Marie Ⓡ chiropractor △ AL 3-1515
SE 72d av intersects
7220 Buck Geo H Ⓡ △ AL 2-6792
7223 Pullen Edw R Ⓡ △ AL 3-8246
7233 Green Kenneth F Ⓡ △ AL 3-2678
SE 73d av intersects
7303 Porterfield Wilbur A Ⓡ △ AL 3-3118
7320 Baim Herman Ⓡ
7328 Temple Jas F Ⓡ
SE 74th av intersects
7406 No return
7407 Johnson Albion A △ AL 4-5669
196
SE 76th av intersects
7606 Adkisson Raymond Ⓡ △ AL 3-0860
7607 Stone Richd A Ⓡ △ AL 3-3692
7616 Oliver Willard R △ AL 3-2584
7626 Woltring Joe W Ⓡ △ AL 3-3580
7631 Grund Alice M Mrs Ⓡ △ AL 3-1865
7634 Messman John A Ⓡ △ AL 4-3886
7641 Bailey Robt
7643 Thompson Jessie F Mrs Ⓡ △ AL 3-7328
7644 Zimmerman Albert B Ⓡ △ AL 4-0381
7707 Ettlin Marie Mrs Ⓡ △ AL 3-8513
7712 Carstens Elert C Ⓡ △ AL 3-7893
7733 Danner Don D Ⓡ △ AL 3-7808
SE 78th av intersects
7806 Hibbard Anne Mrs Ⓡ △ AL 3-9577
7824 Alvarez John J Ⓡ △ AL 3-0576
7825 Yates Ray Ⓡ △ AL 4-8393
7835 Collais Henry Ⓡ △ AL 2-7706
7905 Emberlin Don Wesley △ AL 2-6752
7912 Fox Edna E Mrs Ⓡ △ AL 4-3780
7915 Gardipe Bernard M Ⓡ
7925 Schwarzman Peter C Ⓡ △ AL 4-7604
7934 Wickland Arth F Ⓡ △ AL 2-4672
7935 Larson Leslie D
SE 80th av intersects
8008 Wishart Jas Ⓡ △ AL 4-7081
8032 Shattuck Wm E △ AL 3-2996
8042 Siler Jas N Ⓡ △ AL 3-1250
SE 81st intersects
1840 Fosberg Wilbur L Ⓡ △ AL 3-3125
8105 Serniotti Slato Ⓡ △ AL 2-5347
8123 Callister Robt E Ⓡ △ AL 3-8330
8137 Harris Nancy Mrs
198
SE 82d av intersects
8303 Bartunek Jos J Ⓡ
8304 Lee Chas E Ⓡ △ AL 4-2172
8309 Patrick Daisy D Mrs
8314 Vacant
8322 Joachim Ronald
E 84th av intersects
8405 Triplett Mary B Ⓡ △ AL 3-4329
8412 Eckstein Oscar O Ⓡ △ AL 2-9236
8420 Durham Robt J Ⓡ △ AL 4-6249
8421 Hahn Wilford L Ⓡ△ AL 3-1840
8427 Holden Robt
8427a Roberts Allen F △ AL 2-1050
8432 Nelson Mearl V Mrs Ⓡ △ AL 3-3812
8440 Halkinrude Elmer △ AL 4-1990
8443 O'Brien Patk B △ AL 2-3548
8500 Gale Harry Ⓡ △ AL 2-2569
8501 No return
8508 Kylmanen Ray J △ AL 4-1922
8511 Frieze Robt L Ⓡ △ AL 2-9693
8516 Halversen Christina Mrs Ⓡ △ AL 4-6697
8521 Ligat Robt L Ⓡ △ AL 3-7617
8529 Sumida Nobl Ⓡ △ AL 3-9235
8538 Akamatsu Jas T Ⓡ △ AL 2-6249
8539 Sullivan Eliz C Mrs Ⓡ △ AL 3-2714
8625 Shumway Walter F Ⓡ △ AL 4-1339
8628 Shumway Rae B Ⓡ △ AL 4-2350
8636 Gooch Ruth G Mrs Ⓡ △ AL 3-6897
8647 Hurlock Artie Mrs Ⓡ
8650 Wold Harold B Ⓡ △ AL 3-8651
8705 Stratton Phillip S Ⓡ △ AL 2-2149
8708 Howe Walter E Ⓡ △ AL 2-8887
8719 Norton Allen E Ⓡ △ AL 4-4416
8729 Finley John B Ⓡ △ AL 2-6027
8730 Bird Harry N Ⓡ △ AL 4-4283
8739 Souther Wm E Ⓡ
SE 88th av intersects
8804 Stalbig Donald Ⓡ
8807 Ritchie Ora V Mrs Ⓡ △ AL 3-2428
8814 Nicholson Jos K Ⓡ △ AL 3-7241
8817 Johnson Olive A Mrs Ⓡ △ AL 3-9981
8824 Cunliff Richd W △ AL 2-5752
8827 Prevel Alex D Ⓡ △ AL 2-4807
8834 Butler Donald L Ⓡ △ AL 4-2037
8837 No return
8903 Willhite Bob G Ⓡ
8409 Haddan Harry Ⓡ △ AL 4-4406
8913 Olsen Wesley M Ⓡ △ AL 3-2904

Portland—800 Woodlark Bldg., CApitol 6-6421
925 Lloyd Center, ATlantic 8-6405
SALEM — EUGENE — MEDFORD — CORVALLIS
HOOD RIVER — COOS BAY — ASTORIA — THE DALLES
SEATTLE, LONGVIEW AND VANCOUVER, WN.
Pacific Coast and Midwest Stock Exchanges
Zilka, Smither & Co., Inc.
INVESTMENT SECURITIES

BELMONT SE 1960

BELMONT, SE—Contd
ft Vacant
56 Carrol Craig Co equip eng
Δ BE 4-7309
Industrial Fumigant Co (the)
Δ BE 4-2558
Sanderlin Co The mfg agt
Δ BE 5-0121
Northwestern Transfer Co (whse)
No 5) Δ BE 4-7309
Tri-Western Inc mfrs agts
Δ BE 6-7281
83 New Italian Importing Co
Δ BE 2-4126
SE 1st av intersects
111 Springkist Sls Inc frozen food processors Δ BE 2-5235
112 No return
E 2d av intersects
SE 3d av intersects
311 Vacant
SE Union av intersects
330 SP&SRy (East Side Frt Ofc)
Δ CA 8-9111
234
SE Grand av intersects
511 **Junor Building**
Rooms:
202 McGill-Clarke lwyrs
Δ BE 2-8191
203 Vacant
Street continued
521 DeLuxe Motor Serv auto reprs
Δ BE 2-8727
522 K B Automotive Serv auto reprs
Δ BE 2-8304
532 Cole Raymond B Inc lighting equip Δ BE 6-1996
534 C & S Auto Paint & Body Shop
Δ BE 2-9822
SE 6th av intersects
600 Geltman Sponging Corp (br) cloth spongers Δ BE 2-1800
616 Pacific Machy & Tool Steel Co (whse)
627 Cummings Tire Co (shop)
630 Pac Machy & Tool Steel Co whol Δ BE 2-2147
633 Cummings Tire Co Inc
Δ BE 5-3144
SE 7th av intersects
700 Exhaust Specialties & Parts Inc Δ BE 5-3171
701 Thornton Stationery & Prntg
Δ BE 4-6503
705 **New York Apartments**
Δ BE 5-9461
1-2 Burns Phillip
4 Cameron Geo
5 Knudtson Ora Mrs
6 Senske Mark J Δ BE 4-2042
8 Helena John K
9 Evans Leo
10 Richie Howard
11 Glover Henry
12 Ball Geo
14 Aufdemorte Wm
17 Shields Ernest
18 Etzel Edw
19 Vacant
20 McLean Thos
21 Callis Connie Mrs
22 Gultner Helen Mrs
24 Baumiller Clara Mrs
25 Vacant
26 Merrill Renee Mrs
27 Defletson Otto
28 Lynn Maude Mrs
29 Dare Lee
30 Wittle John
31 Hune R P
32 Johnson Edna V
33 White Levi
34 Knowles Jos
38 Cox Cecil
39 Lutz Dorothy Mrs
40 DeMarco Frances Mrs
41 Morgan Ellen Mrs
42 Seifert Howard
45 Loreaux Albert
47 Glazer Wm
Street continued
709 Vacant
711 Vacant
724 Vacant
733 Justen Signal Serv gas sta
Δ BE 5-9346
SE 8th av intersects
804 Dolan Bldg Mail Co Δ BE 2-3157
820 Safeway Stores Inc (br)
Δ BE 5-9945
839 Market Clns clo prsrs
Δ BE 5-0043
SE 9th av intersects
904 Miller's Launderette Δ BE 5-6166
930 Caruso Produce Exp trucking
Δ BE 6-8208
935 Caruso Prod whol Δ BE 2-1119
936 Steve's Truck & Auto Service reprs Δ BE 2-1804
232
SE 10th av intersects
1004 Tudor J A & Assocs Inc mfrs agts Δ BE 2-1188
1010 Monte Carlo Pool Room
1016 Monte Carlo Restr Δ BE 5-9171
1018 **Gardeners & Ranchers Association Building** Δ BU 5-3426
Collins Kenneth D Δ BE 5-5116
1020 Bonn Patricia E Mrs
Δ BE 5-1577
1024 Monte Carlo Lounge cocktail lounge
1030-36 Lido Restr Δ BE 2-7706
SE 11th av intersects
SE 12th av intersects
1206 Nu-Way Auto Ladry Δ BE 5-9123
1216 Eaton Lester B Ⓒ Δ BE 2-5525
1224-26 **Roberts Apartments**
bsmt Huse Louie
1 Polier Carrie Mrs Δ BE 6-8543
2 Schuchbier Florence Mrs
3 Young Frances Mrs
4 Bixler Jack
5 Long Evelyn
6 Oelrich Otto
7 Grondahl Marie Mrs
8 Armott Arlung
9 Larson Andrew
10 Fellows Julia B Mrs
Δ BE 2-4601
11 Vacant
Street continued
1232 Wilshire Todd Δ BE 5-0547
SE 13th av intersects
1305 Miller Melvon C Ⓒ Δ BE 6-9578
1313 James Travis Mrs Δ BE 6-7174
Plass Dorothy Mrs Δ BE 5-3681
1316 Richter Edwina M Ⓒ
Δ BE 2-5305
1317 **Apartments**
1 Straw Albert Δ BE 5-3681
2 James Jewel Mrs
3 Tigard Robt
4 Warren Chas H Δ BE 6-9229
Street continued
1323 Vacant
1335 McCoy J Leslie Δ BE 4-2489
Scheer Elmer J Δ BE 5-5028
1336 Dedrick Wayne
1337 Portland Hand Weaving Club
SE 14th av intersects
1403 Vacant
1405 **Wellesley Court Annex** apts
61 Miller John S Δ BE 5-0684
62 Vacant
63 Vacant
64 Rouse Mary A Mrs
Δ BE 5-1632
65 Sheriff Chas C Δ BE 6-9302
66 Trullinger Lloyd G Ⓒ
Δ BE 5-6715
67 No return
68 Beutner Max J
Street continued
1407 Signal Oil Co Δ BE 4-9383
Lee of Conshohocken
Δ BE 4-9383
1410 **Duke of York Apartments**
Peterson Treasure
Δ BE 2-4809
101 Moorman Elisabeth G
Δ BE 2-6511
102 Knutson Helen Mrs
103 Hindriksen Christine Mrs
104 Morgan Wm C
105 Hopfer Stella Mrs
106 Potts Harlan
107 Vacant
108 Harrison Benj W
109 Hoffman Ina Mrs Δ BE 2-8040
110 Vacant
111 Schahl Vera Mrs Δ BE 4-2177
112 Vacant
201 Harrell Hattie Δ BE 4-3778
202 Bayne Homer C Δ BE 2-7613
203 Toomey R Earl Δ BE 4-4577
204 Vacant
205 Vacant
206 Proudfit Hazel M Mrs
Δ BE 4-6136
207 Vacant
208 Benson Corrine
209 Ray Elgin
210 Vacant
211 Bruce Virginia R
212 Ferm Bertha G Δ BE 4-1200
301 Dorney Geo Δ BE 2-6557
302 Charneski Michl Δ BE 5-6508
303 Smith Holman
304 Pigg Edith H Mrs Δ BE 5-6343
305 McCrath M Eliz Δ BE 2-5746
306 Stearns Cath R Mrs
Δ BE 2-0314
307 Rasor Orville
308 Kennedy Mildred Mrs
Δ BE 5-1323
309 Williams Edna Δ BE 2-2634
310 Vacant
311 Vacant
312 Jackson Chas V
Street continued
1422 Love Eug B Δ BE 5-7326
SE 15th av intersects
1503 Dunford Raymond Δ BE 2-9949
1506 Costello John P Ⓒ Δ BE 6-3242
1509 Bushaw Jos H Δ BE 2-4437
1514 Hamlett Walter G Ⓒ Δ BE 2-0084
1517 Landers Jesse C Δ BE 4-2068
1522 White Amy S Mrs Ⓒ
Δ BE 6-1707
1524 Gutfleisch Virginia Mrs
1525 Crow Henry C jr Δ BE 5-0801
1535 Kallimanis Stephanos D Ⓒ
Δ BE 5-7436
230
SE 16th av intersects
1604 Strange Geo T Δ BE 6-0915
1608 Hill Fannie E
1611 **Pombrook Apartments**
Δ BE 2-7421
101 Freeberg Belle Mrs
102 Plank Maurice
103 Shropshire Chas
104 Shropshire Alice Δ BE 2-7421
201 Ponchek Wilhelm J
Δ BE 6-5470
202 Millard June
203 Williams Hal
204 Brookhouse Wm
205 Taylor Milka
206 Wood Vera
301 Nelson David
302 Cheney Albert W Δ BE 5-3760
303 Roberts Frank W Δ BE 5-3979
304 Markrohr June
305 Lukemiller John J
306 Amas Frank
Street continued
1618 Holin Ella E Mrs Δ BE 6-8796
1625 Peterson L C Δ BE 6-1854
1636 Richardson Leta Ⓒ Δ BE 2-2921
1027 Perkins James A
1631 Bohl Melvin J Δ BE 6-9756
SE 17th av intersects
1704 Parks Annetta D Ⓒ Δ BE 2-5688
1706 Savage Robt W Δ BE 5-0689
1710 Barrett Louis A Δ BE 4-1143
1716 Tomlinson Glenn Δ BE 6-1815
1718 Torgerson Olga A Mrs Ⓒ
Δ BE 2-9866
1728 McPherson Mary B Δ BE 2-7825
1733 Cooke Harold J Ⓒ Δ BE 2-6440
1734 Hamel DeWitt Ⓒ Δ BE 5-2262
1735 Cooke's Brake Serv Δ BE 2-6440
1742 Nourse Paul Ⓒ Δ BE 2-8804
SE 18th av intersects
1804 Conover Edw L Δ BE 5-0282
Welch James
1818 Penisten Agnes W Mrs
Δ BE 2-4301
1820 Butler Lloyd J Ⓒ
1832 Harder Almina M Mrs
Δ BE 2-8711
1836 Wilkinson Mary E Mrs Ⓒ
Δ BE 2-7381
1875 Matteson Glenn Co Inc pharmaceutical products Δ BE 4-7391
SE 19th av intersects
1905 Home Clng Serv Δ BE 2-0092
Spotless Window Cln Co
Δ BE 2-9915
Yale Window Clns Δ BE 6-6237
1937 Vacant
SE 20th av intersects
2003 Radke's Richfield Serv gas sta
Δ BE 4-3642
2021 Hruby Jim confy whol
Δ BE 2-7369
2022 Nichiren Buddhist Ch (rear ent)
2034 Vacant
2035 Maehler Emma M Mrs Ⓒ
2038 Heil Electric Co contrs
Δ BE 4-2578
Northwestern Refrigeration & Carbonic Inc Δ BE 4-6656
2046 Walker Wm G Δ BE 5-4594
2051 Brown Virgil K Δ BE 2-6029
2103 Forbes Robt E Δ BE 4-2389
2109 Leighton John Ⓒ Δ BE 6-3749
2116 Reed John L Ⓒ Δ BE 5-6263
2119 Belmont Floral Co Δ BE 2-1941
2122 Mauseth Delbert
2124 Holman Vernon L
2126 Strausbaugh Richd A
Δ BE 6-2732
2128 Corrado Jos A Ⓒ Δ BE 2-6351
2138 Vandervort Chas H
2139 Tice Elec Co contrs
Δ BE 5-8456
2140 McSwain LeRoy D Δ BE 5-7821
2146 Dowling Eug H Ⓒ Δ BE 2-4856
2208 Peterson Eunice Mrs Ⓒ
Δ BE 6-0014
2214 Danzl Roman A
2215 Greer Dale
2222 Davidhizar Roscoe R Ⓒ
Δ BE 6-0395
2223 Hruby Edw J Δ BE 5-1858
2231 Peck Clara Mrs Δ BE 2-4800
LaBeal Kath Mrs
2236 Independent Printing Co
Δ BE 6-8378
2239 Helmer Carl G Δ BE 4-4122
No return
224
SE 32d av intersects
2304 Flanagan's Repr Shop auto
Δ BE 5-9731
2324 Flanagan's Jim Automotive auto accessories Δ BE 2-9504
2327 Shinnick Ronald W
2331 Hogue Dellamae Ⓒ
2336 Snyder Chas V Ⓒ Δ BE 5-8027
2339 Hart Jessie M Ⓒ Δ BE 2-5532
2341 Shinn Chester
2344 Farlin Elmer W Ⓒ Δ BE 6-0945
2402 Golden Sewing Mach Co Inc
Δ BE 6-0575
Golden Wm J Ⓒ Δ BE 6-0575
2403 Bird Eliz A Mrs Δ BE 2-8528
2411 Wick's Barber Shop
2412 Hickson S Δ BE 2-7918
2423 Hansen Carl L Ⓒ Δ BE 2-6247
2426 Tharp Jas H Ⓒ Δ BE 2-4044
2431 Farley Nellie M Mrs Ⓒ
Δ BE 6-4975
2434 Cage Richd A Ⓒ Δ BE 2-2003
2435 Beguhl Edw C Ⓒ Δ BE 2-1728
2440 Crumm Sidney H Ⓒ
Δ BE 2-8966
2442 Bishop B W Δ BE 5-7255
2445 Worden Betty P Mrs
Δ BE 4-5140
2450 Vacant
2452 Vacant
2454 Vacant
SE 25th av intersects
2508 Brooks Mae Mrs Δ BE 6-0082
2510 Toth Alex R Δ BE 5-0381
2511 Nicholas Conrad W Ⓒ
Δ BE 6-2982
2512 Millard Mary E Mrs
Δ BE 4-7979
2518 Fabritz Adolph W Ⓒ Δ BE 5-3631
2519 Fred's Food Store Δ BE 5-0248
2520 Fowlie Wm
2522 Nimi Donald
2524 Belcher O John Δ BE 2-9349
Johnson Olive M Δ BE 2-9349
2525 Haven Roger A Δ BE 6-8087
2527 Stevenson Wm E jr Δ BE 2-2677
2533 Walls Freeman H Δ BE 2-7919
2534 Belmont Char-Gle restr
Δ BE 6-8283
2535 DeClark Radio Δ BE 4-8776
DeClark Earl H Ⓒ
SE 26th av intersects
2600 Minneapolis-Honeywell Regulator Co (Regional ofc)
Δ BE 5-8411
2622 Hanigan's Forty-Three Tavern
Δ BE 5-6895
2623 Jones Russell P Δ BE 2-6001
2624 Shaw Donald J
2626 Kenny Mary A Mrs
2628 Davis Frank R Ⓒ Δ BE 5-5285
Champion Aquarium
Δ BE 5-5285
2637 Davis Marion Auto Serv repr
Δ BE 2-4928
SE 27th av intersects
2701 Vacant
2703 Garrick Vernon R Ⓒ
Δ BE 2-3788
2705 Horton Esther M Δ BE 6-6163
2707 Interstate Mkt (whse)
2714 Grims Carter Serv gas sta
Δ BE 5-2614
2715 Katsules Cath E Mrs Ⓒ
Δ BE 5-4831
2732 Vacant
SE 28th av intersects
2801 Acme Massage Δ BE 6-7037
McEwan Ilmagene Ⓒ
2808 Calbreath Mary E Ⓒ
Δ BE 2-2914
2822 Cram Elmer E Ⓒ pntr
Δ BE 6-0784
Hansen Kenneth Δ BE 4-6928
2828 Twenty Eight-Twenty Eight Barber Shop
2829 **Belvedere Apartments**
Δ BE 5-4404
101 Graham R S
102 Murrell Verne C Mrs
Δ BE 2-4263
103 Hoven Rowena Δ BE 4-9005
104 Gregg Virginia Δ BE 4-6751
105 Edwards Robt L Δ BE 4-9163
106 Kyle Mildred Mrs Δ BE 6-1543
107 Watson Louise W Δ BE 6-3795
108 Workman B Mildred Mrs
Δ BE 2-6625
109 Vacant
110 Osman Ella Mrs Δ BE 5-1402
201 Ferguson Beverly
202 Smith Blanche Δ BE 2-1545
203 Newberry Sarah Δ BE 2-2937
204 Byrne Pauline Mrs
205 Sheriff Lulu P Mrs Δ BE 5-3432
206 Vacant
207 Mather Ida A Mrs Δ BE 5-0861
208 Blohm Mary Mrs Δ BE 4-3779
209 Ellis Grace Δ BE 6-3311
210 Finley Joseph
301 McConnell Hugh
302 Moore Geo
303 Herron Agnes
304 Fisher Lee C Δ BE 4-2630
305 Walton F A
306 McNamara Anna G Mrs
Δ BE 5-6094
307 Gurdane Vayne M Δ BE 2-6038
308 Baumgardner Estella Mrs
Δ BE 2-0087
309 Elliott Gertrude Δ BE 4-5186
310 Brighsman C H
Street continued
2832 Lamplighters Grill restr
Δ BE 5-9272
2838 Melody Amusement Inc vending machs Δ BE 5-1512
SE 29th av intersects
2900 Perky Food Market gro
Δ BE 5-9260
2904 **Belmont Apartments**
1 Myers Frank
2 Gipson Betty F Mrs
Δ BE 6-6302
3 Smith Amanda T Mrs
4 Schlipp Louise Mrs Δ BE 4-7762
5 Brownlee Chas
6 Amundson Myrtle
7 Thierman Wayne L
8 Fidler Geo A Δ BE 2-3663
9 Knutson M N
10 Wang Petrof
11 Radke Clinton
12 Vacant
14 Wintergreen John
15 Freeman Mary A Δ BE 5-4539
16 Vacant
17 Kuykendal Laura Mrs
Street continued
2905 Greer Kinney Δ BE 4-3875
2908 British Import Book Shop
Δ BE 2-9030
2912 Nelson Dorothy E Mrs
Δ BE 6-6736
2914 Adkison Georgia
2916 Dean Mabel L Δ BE 2-9225
2918 Munger Myrtle G Ⓒ
Δ BE 5-3767
2925 Harvell Fred D Ⓒ Δ BE 6-3613
2935 **Stanley Apartments**
1 Kaunas Anthony M Δ BE 4-8004
2 Syring Alice G Mrs
Δ BE 2-4752
3 Stofield Wm
4 Gatzmyer Sadie M Mrs Ⓒ
Δ BE 2-8281
5 Tweed Alma Mrs
6 Elinore Maxine Δ BE 5-5141
7 Taylor Clara Mrs Δ BE 5-3483
8 Gilson Anne Mrs Δ BE 2-6305
Street continued
2940 Vacant
2945 Bunning Sadie M Mrs
Δ BE 2-9975
Raske Harold C Δ BE 2-0555
222
SE 30th av intersects
3000 Cliff's Cash Gro Δ BE 5-9111
3001 Jones Beatrice Mrs
3003 Moberg Jas E
3005 Vacant
3007 Thorsnes Hilda A Mrs
Δ BE 4-8159
3011 Armstrong Sadie Mrs
3012 Clelland Rose E Mrs
3013 Sawyer Nova E Mrs
Δ BA 4-4016
3015 Wescott Geo Δ BE 2-8078
3017 Summers Gladys Mrs
Δ BE 4-4112
3020 Vacant
3021 Vacant
3026 Vacant
3027 VanDellen Florence Mrs Ⓒ
Δ BE 2-4957
3032 Proulx Doris E Mrs
Δ BE 4-7736
3035 Vacant
3037 Cannon Willene I Mrs
3042 Gaytime Tavern Δ BE 5-9498
rear Vacant
3043 Ward Richd E Ⓒ Δ BE 2-1587
3051 **Apartments**
1 Pearson Betty L Mrs
Δ BE 2-8323
2 Vacant
3 Halvorsen Kjell Δ BE 4-8379
4 Weigle Ernest R Δ BE 5-4038
SE 31st av intersects
3106 Klahn Herman H Ⓒ

.. SANDY BLVD. | BElmont 5-8341 | 5848 N.E. 42nd AVE. | PHONE ATlantic 8-5743

WASHINGTON SE 1960

WASCO, NE—Contd
2716 Under construction
2717 Edwards Leonard L ⓞ
△ AT 4-6185
2726 Papajohn Nellie M Mrs ⓞ
△ AT 7-5985
2729 Nabb May B Mrs ⓞ
△ AT 4-2257
2734 Iverson Stanley V ⓞ
△ AT 1-7973
2735 McWhorter Dorothy E Mrs
△ AT 4-3449
2740 Hays Mary H Mrs ⓞ
NE 28th av intersects
2821 Zinter Owen O ⓞ △ AT 7-0241
2831 Truitt Leonard L ⓞ
△ AT 8-1401
2841 Prather Donald L △ AT 8-3170
2849 Harvey Thos △ AT 2-6163
12
NE 31st av intersects
3124 Wilson Ruth E Mrs ⓞ
△ BE 5-3405
Wilson Ruth Studio massage
△ BE 5-3405
3134 Mahan Clarence R △ BE 4-7779
3135 Newton Robt L △ BE 5-2894
3142 Hoover Ellis L ⓞ △ BE 5-5250
3143 Hobbs Ernest W ⓞ △ BE 4-8395
3203 Newton Everett L ⓞ
△ BE 4-8734
3204 Rufli Arth C ⓞ △ BE 4-7695
3214 Burke Earl E ⓞ △ BE 4-8354
3215 DeMoy Rodger W △ BE 5-3336
3224 Hopple Frank A ⓞ △ BE 5-4820
3225 Wood Jack T ⓞ △ BE 6-8125
3234 Davis Gertrude Mrs ⓞ
△ BE 2-1515
3235 Denton Neal E ⓞ △ BE 4-5565
3243 Nesbitt Eliz △ BE 5-2388
14
NE 33d av intersects
3302 National Farmers Union & Property Casualty Co △ BE 4-5483
3304 Vacant
3305 Eaton Ross T ⓞ △ BE 4-5952
3317 Gordon Cora Mrs ⓞ △ BE 4-8823
3318 Hollywood Motel (rear entr)
3322 Stanley Home Products Inc
△ BE 4-8338
3325 Turner Evelyn Mrs
△ BE 6-0298
3337 Fleitz Edw M ⓞ chiro
△ BE 4-5995
3345 McGlamery Geo H
3347 Vacant
3355 Vacant
3357 No return
3367 Vernstrom Ida Mrs ⓞ
△ BE 4-5932
NE Sandy blvd intersects
NE Senate intersects
3507 Blake John K ⓞ △ BE 4-6997
3540 Singletary Wm R ⓞ
△ BE 4-5824
3602 Melby Norman O ⓞ △ BE 4-8373
3615 Cline Don A △ BE 5-4223
3616 Saling Elton W △ BE 2-0545
1024 Fallon Thos A ⓞ △ BE 2-3486
3625 Rassmussen Edw J ⓞ
△ BE 6-2373
3636 Bay Dollie Mrs ⓞ
△ BE 4-6355
3646 No return
3651 Thomas Lela L △ BE 4-5124
3656 Elliott Beatrice J Mrs ⓞ
△ BE 4-9135
3659 Hemming Floyd P ⓞ
△ BE 4-5144
NE 37th av intersects
3705 Korff Mark L ⓞ △ BE 4-7684
3717 Bush Elsa O Mrs ⓞ △ BE 4-6294
3725 Gilbert Georgina H Mrs ⓞ
△ BE 4-9104
3734 Morgan Albert D ⓞ
△ BE 4-9053
3737 Vaughn Jacob J ⓞ △ BE 2-2407
3747 McNamee Matt J ⓞ
△ BE 4-6902
3755 Stephens Gail S △ BE 4-6923
3813 Swanson Harold E ⓞ
△ BE 4-6002
3814 Driskell Hal E ⓞ △ BE 6-0553
3819 Brown Tom K ⓞ △ BE 4-1279
3831 Liska Adolph J ⓞ △ BE 4-5595
3839 Fox Jos ⓞ △ BE 4-5615
38
NE 39th av intersects
NE 47th av intersects
4721 Rink Alice Mrs ⓞ △ AT 2-7621
4727 Coates Robt T ⓞ △ AT 4-0050
4730 Powell Arline E Mrs ⓞ
△ AT 7-6697
4737 Tobkin Leo H ⓞ △ AT 1-5889
4744 Schur John G ⓞ
4745 Dolan Thos J ⓞ △ AT 2-6750
4754 Smith Ernest E ⓞ
△ AT 8-3336
4757 Lasselle Martha A Mrs ⓞ
△ AT 2-7514
4762 Sewell Leland E ⓞ △ AT 7-1671
NE 48th av intersects
4800 Wright Donald E ⓞ △ AT 4-6197
4803 Zmidlicz Edwin ⓞ △ AT 2-4409
4814 Bartosh John J ⓞ △ AT 2-9204
4815 Gurnee Donald H ⓞ △ AT 2-2780
4927 Carlisle Wm
NE 49th av intersects
4928 Stewart Jesse L ⓞ △ AT 8-2236
5005 Howell Elmer M △ AT 2-2004
5012 Doran Danl C ⓞ △ AT 2-1811
5024 Zonner Geo P ⓞ △ AT 2-9526
NE 51st av intersects
5124 Trotta Thos C ⓞ △ AT 8-2425
5125 Allmon Lee ⓞ △ AT 2-2917
NE 52d av intersects
5224 Heideman F H △ AT 8-1279
5225 Duhon Irene Mrs ⓞ △ AT 4-1792
5229 Beck Eva B Mrs ⓞ △ AT 7-2272
5230 Pew Lois J △ AT 2-6268
NE 53d av intersects
5323 Ten Eyck Peggy A Mrs ⓞ
△ AT 1-7874
5324 Hjorth Olaf ⓞ △ AT 4-2083
5333 Jacobsen Paul R ⓞ △ AT 2-7697
NE 54th av intersects
5404 Trif Alice L Mrs ⓞ
△ AT 2-0134
5420 Persson Andrew ⓞ △ AT 1-4924
5421 Anderson Gerald A ⓞ
△ AT 1-8265
36
NE 57th av intersects
5714 Hopper Henry L △ AT 2-9844
5728 Page Claude W △ AT 8-2627
NE 58th av intersects
5833 Young Arth L ⓞ △ AT 1-5588
NE 59th av intersects
6023 Stewart Wm M ⓞ AT 2-2610
6030 Smith Hampden △ AT 8-4039
6034 Rousseau Roland F △ AT 8-1571
NE 61st av intersects
6103 Gribling Alonzo C ⓞ
△ AT 1-6703
6107 McNeely Fred K △ AT 2-4706
6109 Johns Doris M Mrs △ AT 1-9936
6111 Anderson Clarence O
△ AT 2-6251
6114 Thomson Earl W ⓞ
△ AT 2-9751
6115 Gross Ronald R △AT 7-0610
6117 Lucas Emmett B △ AT 2-5063
6137 Depner Eliz Mrs
NE 62d av intersects
6205 Wetmore Lew W △ AT 1-3704
6206 O'Brien John B ⓞ △ AT 7-0954
6214 Blanc Frederic E ⓞ
△ AT 2-4654
6215 Joys LaVerne Mrs ⓞ
6225 Pugh Zenana Mrs △ AT 8-2810
6226 Crosby Richd L △ AT 2-6486
6240 Hillyard Vivian A Mrs ⓞ
△ AT 1-7167
6241 Arn Wesley F ⓞ △ AT 2-6375
6248 Waggoner Harold J △ AT 7-5273
6249 Smiley Jerlad D ⓞ
△ AT 7-5729
30
NE 82d av intersects
8250 Simon Elza W ⓞ △ AL 3-5238
8262 Axelsen Alf H ⓞ △ A 3-0646
8304 Wren Earl A ⓞ △ AL 3-9421
8314 Reed Roy F ⓞ △ AL 4-4220
8324 Cupp Glen △ AL 2-5757
8344 Davis Geo ⓞ △ AL 2-9547
NE 84th av intersects

87
WASHBURNE AV, N—From 3737 N
Willamette blvd north
7119 Neeley Arnol R ⓞ △ BU 9-0546
7120 Koblruss Fred J ⓞ △ BU 9-7265
7134 Tilker Vern M ⓞ △ BU 9-3253
7135 Mitchell Everett A ⓞ
△ BU 9-0760
7145 Schilt Morton M ⓞ
△ BU -4040
7148 Schwing Robt ⓞ △ BU 9-0380
7204 Sestak Louis ⓞ △ BU 5-1329
7205 Macnab M Morris ⓞ
△ BU 5-7835
7212 Scharmach Paul J ⓞ
△ BU 9-9882
7215 Harris Al R ⓞ △ BU 9-8171
7224 Severance Laverne S ⓞ
△ BU 9-5929
7225 Felg Myron V ⓞ △ BU 9-6083
7234 Lofgren Harry W ⓞ
△ BU 9-1722
7237 Dunn Cornelius E ⓞ
△ BU 9-1506
7242 Bauer Fred M ⓞ △ BU 9-0574
7301 Lyons Vivian D Mrs ⓞ
△ BU 9-2670
7306 Butler Claude F ⓞ
△ BU 9-8409
7313 Brown Lloyd E ⓞ △ BU 9-4856
7324 Pensley Clifford L ⓞ
△ BU 9-4049
7327 Huseth Holmer O ⓞ
△ BU 9-0911
7336 Erickson Harold M ⓞ
△ BU9-8790
7337 Barnes Cecil J ⓞ △ BU 9-4912
7408 Reece Ereill W ⓞ △ BU 9-8322
7409 Thompson Gus S ⓞ △ BU 9-3978
7418 Myers Ida B Mrs ⓞ
△ BU 9-0258
7419 Vanderveen Christine C Mrs ⓞ
△ BU 9-4038
7431 Moore Jas K ⓞ
7438 Jordon Phillip A ⓞ
△ BU 9-6673
115
N Lombard intersects
7527 Nickolopoulas Geo ⓞ
△ BU 9-4267
7535 Bryant Herbert V Rev ⓞ
△ BU 5-5757
7547 Abbott Wm C ⓞ △ BU 9-7918
7555 Stickney Arth A ⓞ
△ BU 9-0537
N Russet intersects
7611 Bowlen Trueman A ⓞ
△ BU 9-6159
7621 Abraham Arth ⓞ △ BU 9-7865
7629 Peel John A ⓞ △ BU 9-0801
7639 Rickert Joe E ⓞ △ BU 5-4262
7643 Porter Jos T Rev ⓞ
△ BU 9-4716
7649 Hopkins J Edwin ⓞ
△ BU 9-5148
N Baldwin intersects
7676 Callisno Jas E ⓞ △ BU 9-4414
7681 Olson Leonard ⓞ △ BU 9-2604
7686 Simons Walter N ⓞ △ BU 8-2866
7689 Cook Harry D ⓞ △ BU 9-4416
7695 MacKinnon DeWitt N ⓞ
△ BU 9-4171
N Farragut intersects
7707 Wilbur Dale R ⓞ
△ BU -6021
7710 Young Josephine Mrs ⓞ
△ BU 9-9579
7717 Hagulet Louis H ⓞ △ BU 9-4407
7805 Rasmussen Harry S ⓞ
△ BU 9-2847
7817 Hausserman Chas W ⓞ
△ BU 9-7895
7818 Stange Constn Co contrs
△ BU 9-6304
Stange Edwin G ⓞ △ BU 9-6364
7828 Dodge Chas E ⓞ △ BU 5-5815
7844 Brown Max A △ BU 9-7680
7845 Ferguson Jas A ⓞ △ BU 9-2091
7854 Hamren Linus ⓞ △ BU 9-3386
7865 Jones Ivan J ⓞ △ BU 5-4722
N Winchell intersects
7900 Quist Fred J ⓞ △ BU 9-3341
7905 Meade Orlie B ⓞ △ BU 9-3237
7916 Steuer John E ⓞ △ BU 9-5259
7919 Mason Clarence A ⓞ △ BU 56898
7924 Thacker Clyde E ⓞ △ BU 9-5996
7929 Poetsch Carl F ⓞ △ BU 9-0961
7936 Davison Mildred J Mrs
△ BU 9-9760
7937 Taylor Herbert A ⓞ
△ BU 9-5609
7948 Westerhout Geo A ⓞ
△ BU 9-2850
8006 Hortsman Norman B ⓞ
△ BU 9-5647
8011 Potterson Jos E ⓞ △ BU 5-3477
8016 Thornes Chas O ⓞ △ BU 5-3722
8017 Anderson Ingvar E ⓞ
△ BU 9-2488
8024 Biederman Herman J ⓞ
△ BU 9-9515
8029 Brechtel Robt E ⓞ
△ BU 9-2438
8040 Schmid Clark F ⓞ △ BU 9-3598
8101 Slater Jewell B ⓞ
△ BU 9-2577
8110 Moore John H △ BU 9-5407
8111 Smith Marshall S ⓞ
△ BU 9-0713
8118 Harvey Chas E ⓞ △ BU 9-9681
N Kilpatrick intersects
8203 Mitchell Wm R ⓞ △ BU 9-0308
8204 McDonald Lyle △ BU 5-7793
8209 Kern Robt J ⓞ △ BU 5-8183
8225 Clugston Geo ⓞ △ BU 5-4188
8226 Lewis Albert M ⓞ △ BU 9-0710
8261 Helgerson Ivan △ BU 5-8741
rear Huson Clare E Mrs ⓞ
8267 Baum Geo ⓞ △ BU 9-5788
8270 Black Archie E ⓞ △ BU 9-1944
8275 No return
8289 Bryan Harold ⓞ △ BU 9-7295
N Arlington pl intersects
8303 Lund Christian C ⓞ
△ BU 5-5195
8312 Leggroan Russell M ⓞ
△ BU 9-1740
8661 No return
129
N Willis blvd intersects
N Trenton intersects
N Attu intersects
N Columbia blvd intersects

176
WASHINGTON, SE—From the river east, 2 north of SE Morrison
SE Water intersects
SE 1st av intersects
SPCo crosses
68 Northwestern Ice & Cold Stge Co
△ BE 4-9511
Pargon Packing Co canners
△ BE 4-9511
73 Zecro Ice Co △ BE 4-0491
107 B & O Whse △ BE 6-5657
125 Genl Mills Inc Sperry Operations
(whse) △ BE 2-9121
139 Genl Mills Inc (dist ofc)
△ BE 2-9121
SE 2d av intersects
201 Webfoot Fertilizer Co Inc whol
△ BE 2-5189
Peterson By-Products cts feed
whol △ BE 2-5189
SE 3d av intersects
302 Pacific Coast Fruit Co whol
△ BE 4-6411
307 Fisher Flouring Mills Co
△ BE 2-1404
SE Union intersects
415 Friberg Elec Co contrs
△ BE 5-4171
423 National Bldrs Hdw Co whol
△ BE 2-4124
178
SE Grand av intersects
515 **Barber Apartments** (side entr)
SE 6th av intersects
SE 7th av intersects
777 Parts Service Co auto accessories
△ BE 2-6145
815 **Terrace Court Apartments**
△ BE 5-9330
101 Whiting Earle T
102 McDonald Chas J
103 Tarrant Lenora Mrs
104 Platt Esther
105 Reagen Laura Mrs
106 Mayhew Robt H
107 Polzin Mary C Mrs
108 Deibel John T △ BE 4-3602
109 Kridler Regina I Mrs
△ BE 2-5596
110 Ireland Herbert
111 Tulare Albert
112 Dobrowsky Herman △ BE 4-7060
114 Eagor Margt
115 Abell Marie Mrs
116 Riddell Blanche Mrs
117 Bradley Freis Mrs
118 Bolton Larry
119 VanSwell Ralph △ BE 5-4800
120 Williams Alton E
121 Glatsolter David
122 Sacker Ray W △ BE 5-4952
123 McMahill Florence Mrs
124 Clemo Jas T
125 Vacant
126 Snyder Geo F
127 Tennant Melvin E
201 Adams Wm
202 Bins Frank
203 Winters Anna K Mrs
△ BE 6-7649
204 Flora Blanche M Mrs
205 Ferguson Esther E Mrs
△ BE 4-9192
206 Norden Walter
207 Jenae Adolph △ BE 6-9734
208 Dale Ralph △ BE 4-7948
209 Bell Frank R △ BE 4-6108
210 Karjalaman Marie
211 Jebens Norman C △ BE 5-0380
212 Kaufman Myrtle
214 Foley Lorraine
215 Ewing Sally
216 Ballard Winifred
217 Green Thelma
218 Martin Elda Mrs
219 Johnson Wm J
220 Welderspan Jack △ BE 5-1973
221 Parvi Harold L △ BE 5-7272
222 Weide Clinton T △ BE 5-5241
223 Patch Mary L △ BE 2-7045
224 Cisco Winifred Mrs
225 Nielson Arnold
226 Blank Shirley △ BE 6-2263
227 Johnson Eliz
Street continued
840 Loma Linda Food Co whol
△ BE 6-5577
180
SE 10th av intersects
1000 Vacant
1005 Lewis Bros Inc gros whol
△ BE 4-5284
1006 Lindekugel John F △ BE 6-7459
1014 Thomas Harry L ⓞ
△ BE 4-2148
1034 **Nyleta Court Apartments**
1 Speer Robt M ⓞ △ BE 4-2767
2 Clark Meridith
3 Svoboda Raymond A △ BE 2-8636
4 Langford Archie
5 Dennis Maxine F Mrs
Street continued
1035 Craig Lloyd R
1037 Haley Jean Mrs △ BE 2-9793
182
SE 11th av intersects
SE 12th av intersects
SE 16th av intersects
1605 Massey Winifred Mrs ⓞ
△ BE 2-8470
1621 No return
1623 Badgley Gordon C △ BE 5-0341
1625 No return
1627 Pickard W J △ BE 5-1235
1631 Hunsucker Rex L △ BE 4-3468
1633 Hinshaw Ellen D Mrs
1635 Feehely Mary L Mrs
1637 Burk Donald E △ BE 4-3562
1641 Sisk Jessie R Mrs
△ BE 5-3218
1643 Walbridge Keith L
1645 Knox Clara △ BE 5-6964
1647 Hanover Dale D △ BE 2-2697
SE 17th av intersects
1710 Gill Dorothy Mrs △ BE 25246
1803 Benjamin John △ BE 4-1275
1809 Henderson Robt H ⓞ
1816 Herrick Howard A P ⓞ
△ BE 2-5018
1817 Ding Mun H ⓞ △ BE 5-0231
1823 Lai Nem Hung ⓞ △ BE 5-2075
1831 Dannell Chas R
1833 Rafferty Anna Mrs
1835 Vacant
1837 Watson Alma C ⓞ △ BE 2-9938
SE 19th av intersects
1904 Johnson Frank A △ BE 5-5633
1918 Vacant
1919 Araburn Geo P △ BE 2-3715
1922 Vacant
1926 Vacant
1927 Williams Robt E △ BE 5-1922
1935 **Amherst Manor Apartments**
1 Vacant
2 Clure Neoma
3 Sevigny Jas S
4 Phelps Percy
5 Vacant
184
SE 20th av intersects
SE 26th av intersects
2604 Hewitt Frank ⓞ
2605 Bernard Lawrence ⓞ
△ BE 6-0793
2613 Farr Geo E ⓞ △ BE 2-0026
2614 Craber Wilma R △ BE 5-5467
2622 Hari Adolph ⓞ
2623 Schoebel Hardie M
2626 Harkleroad David △ BE 6-2533
SE 27th av intersects
2704 Pierce Marvin F ⓞ △ BE 4-4851
2705 Hooper Harry A
2709 Werstlein Geo A △ BE 4-2170
2713 Geen Jack W △ BE 6-4773
2716 Jameson Miles D ⓞ
△ BE 4-5682
2717 Miner Chloe E
SE 28th av intersects
2809 **Flotom Apartments**
1 Peterson B Wayne
2 Adams Edw C
3 White Bruce D △ BE 2-0972
4 No return
5 Johnson Elwood H △ BE 4-6806
6 Guy John A
7 Vacant
8 Heraldsen Otto
Street continued
2818 McMahon C John △ BE 5-009
2823 Vacant
2825 Flisinger Jack L △ BE 5-7310
SE 29th av intersects
2904 Perry Veronica A Mrs
△ BE 5-0143
2906 Super John C △ BE 6-6106
2908 Vacant
2912 Carey Helen D Mrs
△ BE 6-9887
2914 Stenberg Frank W △ BE 6-4321
2926 Barrett Donald J ⓞ △ BE 5-6360
2938 Gibson M Phyllis Mrs
△ BE 4-6222
2940 Conroy Beatrice K △ BE 4-4609
2942 Buzen Lorene Mrs
△ BE 5-8269
2944 Blair Vera Mrs △ BE 6-7633
186
SE 30th av intersects
3303 Miller Minnie E Mrs ⓞ
△ BE 6-6352
3305 Roe Richd E △ BE 2-9830
3317 Weigard Lydia E ⓞ △ 5-7246
3324 Kufner Eleanor Mrs ⓞ
△ BE 4-2955
3328 Nelson Lowell R ⓞ
3330 Nelson Lowell R Jr
△ BE 5-1786
3331 Wagner Felix R ⓞ △ BE 6-0138
3335 McAnally Albert L ⓞ
△ BE 5-5233

YAMHILL SE 1960

67
WYGANT N — From 4821 N William av west
15 Welch Clarence L △ AT 8-1184
106 Apartments
1 Pearrow Julian A ◎ △ AT 4-0060
2 Martin M Frances
3 Walker Mary E Mrs △ AT 1-9974
4 Stone Edith Mrs
Street continued
109 Berean Baptist Church
65
N Vancouver av intersects
1009 Hurd Virginia Mrs ◎
Gantenbein av intersects
Unopened to N Michigan
1232 Quesnel Leon G △ AT 2-0198
Taylor Robt △ AT 1-7544
1236 Vacant
1238 Mellon Sylvester △ AT 8-4989
63
N Montana av intersects
N Maryland av intersects
N Interstate av intersects
1521 O'Leary Adda J Mrs ◎ △ BU 5-7656
1533 Syllar Robt ◎ △ BU 5-8586
1542 Fischer Ned E ◎ △ BU 5-7645
1545 Wirfs Wm F ◎ △ BU 5-6462
1551 Stachfewicz Mary N Mrs ◎ △ BU 5-7113
1554 Babbage Cecil F ◎ △ BU 5-7401
1604 Rogers Enel J ◎ △ BU 5-5801
1605 Saunders Vernold E ◎ △ BU 5-6101
1613 Werfs Allen J ◎ △ BU 9-2060
1625 Gall John jr ◎ △ BU 5-6917
1626 Graves Otis P jr ◎ △ BU 9-0282
1632 Card Jerald L ◎ △ BU 5-8021
1635 Greear Chas M ◎ △ BU 5-6579
1650 Salo Clifford A △ BU 9-9813
N Concord av intersects
N Denver av intersects
2006 Hurt Aubrey F ◎ △ BU 5-8791
2009 VanSickle Dale C ◎ △ BU 5-6932
2011 Didier Aug V ◎ △ BU 5-6481
2025 Jones Austin ◎ △BU 9-3116
2026 Miller Jerome J ◎ △ BU 5-7114
2035 Vacant
2036 Hilburn Madero H ◎ △ BU 5-5497
2040 Katterling Andrew C ◎ △ BU 5-7914
2054 Odermann Ray A ◎ △ BU 9-5961
2055 Hoffhine Paul H ◎ △ BU 5-7671
2105 Budlitz Curt P ◎ △ BU 5-6933
2114 Davis Stanley W ◎ △ BU 5-7124
2115 Irish Geo B ◎ △ BU 5-6892
2134 Chambers Marvin L ◎ △ BU 5-6106
2137 Hall Chas W ◎ △ BU 5-7590
2153 Johnson Ralph E jr ◎ △ BU 5-7904
2156 Nelson Chas I ◎
N Gay av intersects
2214 Inabnit Mary ◎ △ BU 5-7134
2215 Wrinkle John W ◎ △ BU 5-8293
2224 Myers Kenneth R jr △ BU 5-6389
2225 Francis Howard S ◎ △ BU 5-6514
2233 Alfieri Alf N ◎△ BU 5-8123
2234 Moran James
2302 Fortun Leonard J ◎ △ BU 5-8870
2310 Younger Robt B △ BU 5-7408
2315 Jorg Roy E ◎ △ BU 5-6006
2327 Devereaux Earl L ◎ △ BU 5-5417
2335 Abraham Gust E ◎
2350 Cochrane Vere C ◎ bldg contr △ BU 5-7324
2404 No return
2405 No return
2414 Cranna Jack A ◎ △ BU 5-7944
2415 Rebhein Gotlieb G ◎ △ BU 5-6927
2426 Tweed Arth B ◎ △ BU 5-7306
2427 Gilmore June M
Henry Robt L △ BU 5-5409
2435 Downing Paul genl contr △ BU 5-2969
2436 Beckham Dorothea L Mrs ◎ mus tchr △ BU 5-8169
2436 Long Viola T Mrs

146
WYGANT, NE—From 4821 N Williams av east
25 Frazier Elmer ◎ △ AT 8-2830
NE Cleveland av intersects
54 Graves Charlotte △ AT 2-4532
57 Apartments
1 Recken Estelle M Mrs △ AT 1-0447
2 Graves Charlotte △ AT 2-4532
3 Warren Chas H
4 Vacant
5 Wilson Joyce △ AT 4-7350
6 Vacant
Street continued
75 Hope Lutheran Ch for the Deaf
80 Batton David
82 Brown Rufus △ AT 4-1992
84 Wilson Chas P △ AT 1-4753
86 Ross Wm T △ AT 1-9021
NE Rodney av intersects
105 Johanson Theo H ◎ △ AT 4-8721
106 Carlson Alex G ◎ △ AT 1-3259
112 Panos Geo J ◎ △ AT 2-3690
117 Johansen Margt Mrs ◎ △ AT 2-5025
133 White Chas W
NE Mallory av intersects
204 Morlan Marie F Mrs ◎ △ AT 4-0313
206 Hanson Irene Mrs △ AT 1-5868
216 Robinson Wm L △ AT 7-7873
NE Garfield av intersects
305 Reliable Sign Co △ AT 2-1151
309 Ponder Oil Burner Co △ AT 8-4500
319 Northwest Upholstery Supply Co fabrics △ AT 7-0382
325 Vacant
NE Union av intersects
424 Horton Jean E ◎ △ AT 2-5338
436 Adams Harvey H ◎ △ AT 7-8746
NE Grand av intersects
NE 6th av intersects
616 Beltey John F jr ◎ △ AT 4-1847
626 Bell Frank A ◎ △ AT 4-7688
634 Reed Lillian M Mrs ◎ △ AT 2-5770
144
NE 7th av intersects
833 Waine Robt L ◎ △ AT 2-1046
NE 9th av intersects
915 Roth Paul E ◎ △ AT 4-0183
NE 10th av intersects
1003 McDowell Lawrence N ◎ △ AT 2-5247
1006 No return
1014 Stricker Susanna Mrs ◎ △ AT 1-2261
1017 Gibson Ray E ◎ △ AT 1-1607
1025 Hill Ronald E △ AT 2-3887
NE 11th av intersects
1124 Burd Larry
1126 Vacant
NE 12th av intersects
1233 Leighton Chas R ◎ △ AT 2-6389
142
NE 13th av intersects
NE 14th av intersects
NE 16th av intersects
1606 Cullinan Chas E ◎ △ AT 1-0475
1607 Spreen Anna M Mrs ◎ △ AT 4-6024
NE 17th av intersects
NE 18th av intersects
NE 19th av intersects
1904 Pittman Willis E ◎ △ AT 1-8605
1905 Lawrence Frank J ◎ △ AT 4-3954
1914 Hughes Earl R ◎
1915 McCawley Walter F ◎ △ AT 1-7922
1923 Anderson Violet C Mrs ◎ △ AT 4-3466
1933 Evans Vernon M △ AT 4-3424
NE 20th av intersects
NE 21st av intersects
2104 Snyder Marvin D
2112 No return
2124 Johnston T C △ AT 4-7266
2125 Vacant
2127 Vacant
2133 No return
140
NE 22d av intersects
2210 Lennie Lee R △ AT 2-2920
2216 Thomas Laurella F Mrs △ AT 8-1497
2232 VanHorn Robt E ◎ △ AT 4-8861
2236 McCallister Ray △ AT 1-9551
NE 23d av intersects
2314 Miller Harold V ◎ △ AT 2-3071
2315 No return
N 24th av intersects
2416 Galbraith Bessie A Mrs ◎ △ AT 4-6014
NE 25th av intersects
2425 Paulsen Carl F ◎
NE 26th av intersects
NE 27th av intersects
2727 Bollons Andrew J △ AT 7-3419
NE 28th av intersects
2735 Huiard Maurice A ◎ △ AT 1-0962
138
NE 29th av intersects
2923 No return
NE 30th av intersects
NE 31st av intersects
NE 32d pl intersects
3255 Schubert Jessie W Mrs △ AT 7-4528
3259 Vacant

89
YALE, N—From 7025 N Olin av west
N Piske av intersects
4750 Davis W Chester ◎ △ BU 9-0603
4767 Thompson Howard R ◎ △ BU 9-2012
4768 Oberg Vernon J ◎ △ BU 9-3359
4773 Thompson Elmer S ◎ △ BU 9-5726
4776 Gallpeau Jos A ◎ △ BU 9-3550
4779 Revelle Paul jr ◎ △ BU 5-3751
4782 Churchill Wm H ◎ △ BU 9-9530
4785 Salvo Eug C ◎ △ BU 9-3534
4788 Jubic Albert J ◎ △ BU 9-2049
4792 Carlson Albert T ◎ △ BU 9-3342
4795 Fettig Sylvester ◎ △ BU 5-1544
4796 Adams Wayne D ◎ △ BU 9-0851
91
N Fiske intersects
4818 Haven Elbert L ◎ △ BU 9-0160
4823 No return
4829 Churchill Floyd C ◎△ BU 9-2053
4830 Gilbert Roswell C ◎ △ BU 9-8937
4837 Evans David L △ BU 5-6772
4840 Asula Milton H △ BU 9-7440
4845 Wright Desmond W ◎ △ BU 9-0885
4900 McGlumphy Geo T ◎ △ BU 9-1509
4909 Nufer Robt J ◎ △ BU 9-3666
4912 Vogt John P ◎
4921 Browning Emil R ◎ △ BU 9-8003
4922 Swadburgh S Bradley ◎ △ BU 9-1450
4928 Scougale Floyd B ◎ △ BU 9-7543
4933 Alexander Francis J ◎ △ BU 9-8540
4941 Nelson Leland R △ BU 9-9583
N Haven av intersects
5009 Mihovilovich Thos ◎ △ BU 9-3184
5012 Arjavac Anthony J ◎ △ BU 9-6844
5022 Arthur Lawrence T ◎ △ BU 9-0208
5023 No return
5032 Fritch Wm B ◎ △ BU 9-8969
5104 Hathaway Ellen I Mrs ◎ △ BU 9-4626
5105 Vanek Ethel C Mrs ◎ △ BU 9-6528
5115 White Robt ◎ △ BU 9-2192
5118 Dougherty Wm J ◎ △ BU 9-6611
5129 O'Neil Maurice E ◎ △ BU 9-0510
5130 Ryan Kenneth J ◎ △ BU 9-5357
N Hodge av intersects
5212 Meyers Homer D ◎ △ BU 5-3712
5215 Adams Esco E ◎ △ BU 9-7640
5222 Holdner Wm F ◎ △ BU 9-8266
5225 Frawley Kenneth E ◎ △ BU 9-2729
5227 Penman Percy E jr ◎ △ BU 9-8329
5230 Eykelbosch Jack ◎ △ BU 9-4212
5237 No return
5238 Tooley Glenn C ◎ △ BU 9-6789
5241 Larkin Laura D Mrs ◎ △ BU 9-2065
N Stafford av intersects
5253 Timm Raymond W ◎ △ BU 9-2050
5254 Fahrer Jas B ◎ △ BU 9-7503
5261 Phelps Edna G Mrs ◎ △ BU 9-1349
5267 Moore Chas W ◎ △ BU 9-1390
5268 Arthur Lawrence E jr ◎ △ BU 9-0643
5282 Fallihee Thos E ◎ △ BU 9-8175
93
N Portsmouth av intersects
5333 Rose Imra ◎ △ BU 9-6722
5406 Heingel Rudy W ◎ △ BU 5-3841
5407 Dixon Floyd E ◎ △ BU 5-1524
5427 Iverson Donald F ◎ △ BU 9-4733
5428 Albright Henry W ◎ △ BU 9-0522
5508 Skidmore Delores A Mrs △ BU 9-5071
5516 Orozco Leopoldo S ◎ △ BU 9-3691
5530 Wilson Wilda G Mrs ◎ △ BU 9-2735
N VanHouston av intersects
5601 Astor John Jacob Sch △ BU 9-9490
5608 Hines Henry H ◎ △ BU 9-1405
5630 VanWart Goldie C Mrs ◎ △ BU 9-3029
5705 Schott Saml ◎ △ BU 9-3782
5717 Hines Albert H ◎ △ BU 9-8658
5718 Wilson John F ◎ △ BU 9-4070
5801 Metzker Jeff J
5802 Fenimore Lloyd E ◎ △ BU 9-7108
5810 Truman Stanley L ◎ △ BU 9-3715
5811 O'Dell Walter T ◎ △ BU 9-7796
5822 Johns Orville F ◎ △ BU 5-1982
N McKenna av intersects
5905 Weber Richd M ◎
5925 Dezell Alice P ◎ △ BU 5-5781
6015 No return
N Wall av intersects
6207 Kallmanis Saml A ◎ △ BU 5-3433
6208 Stewart Doris B ◎ △ BU 5-4232
6214 Vollertsen Walter C ◎ △ BU 5-4277
6219 Weiss Alex ◎
6220 Bastian Fred M △ BU 5-4406
6300 Riggs Jas A ◎ △ BU 5-1546
6301 McGarry Francis J ◎
N Westanna av intersects
6405 Axtman Frank J ◎ △ BU 5-2689
6412 Mudd Francis W ◎ △ BU 9-1158
6422 Steinfeldt Edw A ◎ △ BU 5-8950
6423 Crisifulli Marguerite Mrs ◎ △ BU 5-2657
6432 Fisher Glenn F ◎ △ BU 5-3800
6433 Helvey Lamoine A ◎ △ BU 5-8155
6441 Plock Albert ◎ △ BU 5-2898
6442 Golik Dani A ◎ △ BU 5-4150
6452 Slaby Agnes V Mrs △ BU 5-8979
6453 Wood Wayne N ◎ △ BU 5-8908
6500 Sinden John W ◎
6505 Miller Alex ◎ △ BU 5-3066
6508 Hayes Roy V ◎ △ BU 5-5540
6516 Lilja Wilmer J ◎ △ BU 5-3833
6517 Higgenh Ohlen R ◎
6524 Lindquist Hector H ◎ △ BU 5-3856
6525 Volpe Jos ◎ △ BU 5-2696
6534 Morrison Joe △ AV 6-5697
N Marcum av intersects
6621 Kent Esther B Mrs △ BU 5-8988
6722 Corah Dale F
6727 Tabaky Saml J ◎
6731 Post Walter K ◎ △ BU 5-4761
N Carey blvd intersects

236
YAMHILL, SE—From the river east
2 south of SE Morrison
33-41 Vacant
SE Water av intersects
61 Harris Ice Mach Wks mfrs △ BE 2-6161
80 Harris Ice Mach Wks (whse)
81 Sellwood Transfer Co (whse)
SE 1st av intersects
238 Vink Frank Co food brokers △ BE 2-6139
M & L Distributors Co beer distr △ BE 4-6401
SE 3d av intersects
SE Union av intersects
SE Grand av intersects
334 Vacant
234
SE 6th av intersects
630 Atlas Apartments
1-2 Coffey Ruby Mrs △ BE 5-6974
3 Tanner Walter
4 Huffman Leonal
5 Alexander Jean Mrs
6 Gillen Bertha Mrs
7 Vacant
8 McLaughlin Jerry
9 Clark Frank
10 Vacant
10 Heaton Douglas
12 Zimmerman Howard
14 Shankless Dale
15 Hodgetts Helen
16 Smith Sam E △ BE 5-3889
17 Ellenwood Ellen Mrs
18 Manker Leander
19 Hunt Jesse
20 Person Margt Mrs
21 Lindekugel Sylvester W
22 Strathouse Clara Mrs △ BE 2-2851
23 Russell Justice
24 Carter Letha
25 W Margt Mrs
26 Vacant
27 Donahue Peter
28 Vacant
29 Vacant
30 Harvey Harold
31 Krieger Gerald E
32 Vacant
33 Brown Edw
34 Vacant
35 Ross Helen
36 Patvich Thos
37 Caldwell Kay
38 Little Lyle
39 Vacant
40 Duckworth Rose Mrs
41 Shields Lula Mrs
42 Kalkafen John
43 Kay Jessie Mrs
44 Hall Geo
45 Overby Russel
46 Vacant
47 Vacant
48 Vacant
49 Scott Bertha Mrs
50 Vacant
51 Hanna Mike
52 Coburn Henry
53 Ellis Jack L
54 Vacant
55 Erikkila Nathan S
57 Vacant
58 Seibels Clara Mrs
59 Parker Eliz
60 Lamont Lemuel
61 Brown Richd
62 Vacant
63 Crandall Richd
SE 7th av intersects
721 McKinley Corp diesel test equip △ BE 4-7466
232
SE 12th av intersects
1219 Vacant
1222 Weir Harry E ◎ △ BE 2-2424
1223 Walker Donald
1225 Apartments
1 Bryant Cleo L
2a Holt Laura B Mrs
3 Vacant
4 Stevenson Robt
5 Loeb Victoria D
6 Vacant
7 Hartman Ella S Mrs
8 McCarter Daca △ BE 5-1218
Street continued
1227 Whilden Perpetua A △ BE 5-0649
1235 Sauvie Apartments
1 Hickman Duane
2 Vacant
3 Chase Doris Mrs
4 Sprague Margt Mrs △ BE 4-6140
5 Moffit Wm W
6 Hammvold John
7 Turner Harriet Mrs △ BE 5-5717
8 No return
9 Webb Norman △ BE 2-9433
10 Young Wm
11 East Bobby
12 Johnson Bennie △ BE 2-5994
Street continued
1236 Flowers Orville
SE 13th av intersects
305 Apartments
Cain Orvel L △ BE 4-5872
Donaldson Larry A △ BE 6-9293
Lee Emma
1311 Rufin Lazaro C ◎ △ BE 2-8334
1318 Fresvik Oden S ◎ △ BE 2-5965
1325 Apartments
1 Roach Rose Mrs ◎ △ BE 4-4756
2 Johnson Mervin
3 Fessler Martin C
4 Peterson Karl H
5 Lakso Ida G
230
SE 14th av intersects
2020 Winkelman Walter E ◎ △ BE 2-6456
2026 Dowdy Irven J ◎ △ BE 4-1171
Landis Raymond
2031 Nichiren Buddist Ch Kodachi Z Rev △ BE 2-2561
2039 Riley Jack C ◎ △ BE 5-5267
2045 Anderson Geraldine
2045 Quesnell Wayne D △ BE 6-9241
SW 21st av intersects
2101 Drake Roy R △ BE 5-3278
2104 Bevington Jas D △ BE 5-5674
2106 Cook Ethel Mrs ◎ △ BE 2-0042
2107 Craig Richd J Nelson Ralph T △ BE 6-5732
2112 Smith Allen ◎
2115 Vacant
2116 Vitkoczy Tibor ◎
2124 Koopman Margt Mrs ◎ △ BE 6-1090
Edwards John J ◎ △ BE 6-1090
2125 Brug Harry C
Kaski Elton ◎ △ BE 6-6411
2131 McEwen Ida M Mrs ◎ △ BE 2-6400
Jones Frank L △ BE 4-6379
2134 Gruber Joseph H ◎

GENERAL REAL ESTATE PHONE ATlantic 8-5191
7434 N. E. SANDY BLVD.

TP	Adjoining	Source
✓	✓	R. L. Polk Co. Publishers

MORRISON SE 1955

DOCTORS OFFICIAL TELEPHONE EXCHANGE 4175

A COMMUNITY SERVICE MAINTAINED BY THE MULTNOMAH COUNTY MEDICAL SOCIETY • GROUND FLOOR MEDICAL DENTAL BUILDING

MORRISON, SE—Contd
Grand Central Mkt—Contd
Coffee Mug The restr
Day Music Co pianos △ FI 5389
Graham Advertising sign & card writing
Grand Central Appliance Repr Shop
Grand Central Barber Shop
Grand Central Cigar Store △ EM 7223
Grand Central Fountain Lunch
Grand Central Grocery
Grand Central Jewelry
Grand Central Variety Store
Grand Fish Co △ EA 3584
Hasson Elbert B
Henry's Coffee Shop △ VE 9483
Johnny Quick Freeze △ EM 9190
Kappel's Old Holland Bakery △ EA 7901
Lew's Super Mkt △ EA 3972
Liberty Fruit △ VE 9976
Mac's Shoe Repr
Market Lock & Key Shop △ EM 1212
Market Lunch
Maximes Sweets
May Dorothy Beauty △ EA 4794
Portland Figurine Co statuary
Puritan Maid Dairy Store
Reed Chas R shoe shiner
Routledge Seed & Pet Shop △ EA 3907
Schumacher's Meats △ EA 2797
Service Bureau notary public △ EA 3492
Van Gorder's △ EA 7373
Warren-Teed Products Co whol drugs △ E 9568
SE 9th av intersects
Northwest Motor Welding △ VE 0536
925 Gearhart R E & Co accts △ EM 2510
927 Star Quill Italian Dinners △ EA 2973
932 Portland Independent Milk Producers Assn △ FI 9571
940 Newton's Chicken Pie Shop △ FI 7371
232
1001 White's Al Alignment Serv △ VE 3431
Best Auto Spring Co mfrs △ FI 6416
Safe-Lad Mfg Co ladders △ FI 2083
1029 Albright Bros Glass Co △ VE 947
1040 Indian Northwest Sales Co motorcycles △ EA 6444
SE 11th av intersects
1115 Radio Drive In Serv △ EM 9528
1120 Bradley's Pies Inc whol △ EA 5195
1135 Fred & Lloyd's Auto Serv
SE 12th av intersects
1200 Jones R F Co music machs △ FI 5373
1230 **Rex Arms Apartments** △ EA 5802
Lamerton Ruth Mrs mgr
2A Hugg Theresa
2B No return
3A Robinson Theresa E Mrs
Richardson Marie Mrs △ FI 9013
3B McPhee Eunice △ EA 7478
4A Vincent Conrad
4B Stark Wm K
5A Turbow Delores L
5B LaRocque Rodrique
100 Lamerton Leonard J △ EA 5802
101 Swindell Doris Mrs △ EA 0030
102 Mitchell Conway V
103 Frahler Gertrude Mrs
104 Abell Eileen Mrs
201 Norris Thelma N Mrs
202 Lockwood Myrtle Mrs △ VE 1739
203 Bingham Irwin G △ EM 6240
204 Swaigher Meyer
205 Jiroch Mary △ EA 3895
206 Kritchel Julius C
207 Johnson Adelbert J
208 McCollum Lydia Mrs
209 Alexander Chas F
210 Case W Guy △ EM 1925
211 Crum Hazel Mrs
212 Crouch Arlene M △ VE 4922
301 Wilson Catherine
302 Barkhurst Nellie △ EA 5081
303 Ross Donna △ VE 7239
304 Bastian Evelyn
305 Gardener Jesse Mrs △ EM 7315
306 Wheelock Willard C △ VE 9409
307 Hemminger Merretta Mrs △ FI 3687
308 Ott Mary Mrs △ VE 3838
309 Conrad Harry
310 Gallinger Donald
311 Jones Mina Mrs
312 Allen Robt E △ VE 4765
401 Kitchen G
402 Swanson Eliz Mrs
403 Whitrock Lloyd △ VE 7502
404 Farnham Ella S Mrs △ EA 4257
405 Strathouse Lucy Mrs
406 Alford Clell △ VE 1270
407 Martin John C △ VE 5868
408 Rykken Philip L △ VE 5204
409 Hatfield Arden
410 Bergman C
411 Stewart Fern L △ EM 5975
412 Matthews Crystal Mrs △ VE 5186
501 Holmes Emily Mrs △ VE 7139
502 Truman Bertha E Mrs △ VE 9409
503 Miley Edw △ EM 8086
504 Barron Martha △ EA 0997
505 Bohan Eliz V △ EA 9725
506 Roberts Emma Mrs
507 O'Leary Leo J △ FI 2248
Lindemann Ingrid J △ EA 3019
508 Erwin Nancy Mrs △ VE 7451
509 Smith Fred
510 Magers Thos A △ FI 4783
511 Nelson Anna M Mrs △ VE 1267
512 Allen Louis mgr △ VE 5603
Street continued
1245 Morris J Clyde ◎ △ EM 2769
1247 Hopkins John A
SE 13th av intersects
1300 Vic's Sundries & Toiletries △ VE 9377
1301 Herndon Orval J △ EM 6537
1303 Hallberg Clarence C
1305 Guptill Eliz Mrs △ VE 7961
Kirwan O Jas
Parker Fred △ FI 2254
1307 Jackson Clyde A ◎ △ EA 3394
1308 Hal's Tavern △ VE 9308
1315 Johnson Shirley
1317 Penney Jos H △ EA 1409
1321 Whisman Forrest N △ VE 5288
1322 Williams B Irvin ◎
1323 Zenger John ◎ △ EA 1713
1327 Peck Harvey A
1328 Presto Clnrs △ VE 9010
1335 Schulz John ◎ △ EA 4716
1336 Royal Appliance Center △ VE 3119
1339 Schulz Amy Beauty Shop △ EA 4716
SE 14th av intersects
1400 Hi-Time Tavern △ VE 9825
1401 Klenow's Food Stores gro △ FI 6545
1408 Rose Gray Shoppe Inc candy mkrs △ EA 6435
1416 Rasch's Roy Barber Shop
1504 Picardi Joel ◎ △ VE 1133
1505 Quinn Harry ◎ △ VE 6573
1507 Wride Dorothy W
1511 Dooley Ray J
1513 Gill Gordon
Webber Edna M Mrs
1517 Jackson Beatrice
Lang Betty
1519 Holmes Edw J
Faunce Pat
1520 Rea Harvey △ VE 2251
1523 Herndon & Hallman Variety
1525 Contract Hdw Serv (whse)
1533 Contract Hdw Serv △ VE 0560
General Threaded Products Co whol screws & bolts △ VE 0560
1534 Warnke Lewis C ◎ △ FI 3841
1537 Morris Seale Co △ EA 5339
230
SE 16th av intersects
1604 Swimm Truman △ EA 8031
1610 Maya Robt E
Scott Dee L △ FI 3826
Smith Henry I
1617 **Apartments**
1 Johnson Mary A Mrs △ EM 4473
3 Meldille Jas H
4 Shaw Alva L
5 Williams Donald E
6 Oeler Les
7 Agree Opal J Mrs ◎
8 Lindey Carl
1618 Vacant
1625 Spencer Nellie R Mrs △ EM 4774
1630 Kenney Mary Mrs
1635 Lane Nicholas J ◎ △ VE 6253
1636 Bickel Carrie D Mrs △ EA 2251
Ward Hazel G Mrs △ EA 2251
SE 17th av intersects
1705 Balogh Jos ◎ △ EM 7803
1725 **Apartments**
1 Vacant
2 White Robt T △ FI 5986
3 Jones Ward N
4 Kadow Dorothy B △ VE 1757
5 Mackwood Adelaid M Mrs △ FI 4983
6 Frank Frank
7 Ventras Chis S
9 Smith Frankie M Mrs
1733 Wiseman's Printery △ EM 4759
Wiseman Theo A ◎
SE 18th av intersects
1802 Jenkins Guy W ◎ △ EA 9388
1807 Nelson Fred G △ FI 9089
1808 Haffner Bernice E Mrs
1811 Hook Herbert G △ VE 4875
1812 Bell Elvon
1814 Clessler Alice C Mrs
1815 Politick Earl E △ FI 4875
1816 Paterson Lowell D △ FI 6779
1817 White Robt E △ EA 8093
1818 Lundstrom Elmer G △ FI 4223
1822 Siemson Clara B Mrs ◎ △ EM 0639
1823 Exley Caroline Mrs ◎ △ EA 4913
1825 Kelly Don W
1828 Larrabee Maudie E Mrs ◎ △ EM 1278
Martell Thos J
1835 Stavrakis John △ VE 1451
1836 Fogarty Patk F ◎ △ FI 1481
SE 19th av intersects
1905 Steitz Emma M Mrs ◎ △ VE 9606
1907 Burnett Nell Mrs
1910 Maness Howard P △ VE 5329
1912 No return
1914 Campbell Jas M △ EM 0932
1917 Anderson Amanda M Mrs △ EM 2965
1918 Christman Phyllis B
1919 Ellefson Ingvald W
1921 Norris Robt L
1922 Townsend Lloyd N △ FI 2510
1924 Carnahan Bertha Mrs
Conway Keith B
1925 Rose City Sound Co pub address systems △ VE 6198
1926 Fast Gus J △ VE 6893
1928 Stewart Harry E △ VE 7552
1931 Vacant
1934 Vacant
1935 Reginell Walter B
1936 **Apartments**
1 Dunsworth Naomi Mrs
2-3-4 Vacant
5 Anderson Paula M
6 Vacant
8 Bechtel Roy
7 Browning Willis F
1937 No return
1939 Gaither's Market △ EA 8357
1940 Picadilly Inn tavern △ VE 9128
SE 20th av intersects
2046 Peterson John R ◎ △ EM 4426
2052 Henderson Hildegarde M Mrs △ FI 2452
Callier Russell A
2104 Barnett Harold D
Caillovette Rosemary △ EA 4548
Durst Richd J △ EM 8441
2115 Multnomah County Cemeteries △ EA 0842
Multnomah County Rd Dept △ BR 8441
2216 Hruby Jas ◎ △ EA 7369
2230 **Apartments**
1 Maltman Roy S △ FI 8863
2 Bowman Bill M
3 Swanson Wayne W △ VE 6283
4 Johnson Earny
5 Bowman Glen D △ EM 9905
224
SE 23d av intersects
2320 Powers Emma K Mrs ◎ △ EM 4785
2334 Vonth Hector F ◎ △ EM 7518
2402 Cude Thos W ◎ △ EA 5961
2430 Haney Edw G ◎ △ EA 6025
2432 Kutter Henry F △ VE 5058
SE 25th av intersects
2518 Gullickson Ellsworth B
2526 **Leone Apartments**
1 Szaba Anna
2 McKinney June
3 Beymer Jean Mrs
2536 **Roberts Apartments**
1 Stuart Rollo B △ EA 3504
2 Wright Dick
3 Hale Nelson A
4 Matwell Harold
5 Brown Lawrence E ◎ △ FI 8009
SE 26th av intersects
2613 **Apartments**
1 Denton Dorothy Mrs △ EA 8325
2 Polf Basil M △ EA 3937
3 Vacant
2615 **Apartments**
2 Stark Kenneth P
4 Comstock Wilda A Mrs △ FI 1294
2623 Borah Jas C △ VE 5170
2625 Vacant
2626 Rowley Gladys R Mrs △ EA 0398
2631 Vacant
2635 Kumler Ovid C ◎ △ VE 7958
SE 27th av intersects
2725 No return
2735 Carlson Gilbert C △ VE 3578
Munson Carl A △ VE 5413
SE 28th av intersects
SE 29th av intersects
2921 Dickens Jas W ◎ △ VE 5793
2924 McManama Clifford R △ FI 8873
2926 Lees Wm H △ FI 7087
2927 Hottman Bobby L △ EA 6550
2934 **Amarilla Apartments** △ EA 0292
1 Steele Jesse O Mrs △ EM 2266
2 Cooney Ella Mrs
3 Soles Herbert I mgr
4 Mench Amanda
5 Grube Eleanor
6 Vacant
7 Haines Belle T Mrs
8 Garoutte Ralph T
222
SE 30th av intersects
The Crescent begins
3005-13 **Lu Manor Apartments**
1 Olsson H M
2 Byrne Pauline Mrs △ EM 1962
3 Pedersen Laura Mrs
4 Gridley Anna L Mrs △ EA 7572
3013 **Apartments**
5 Maguire Eliz A △ EA 5810
6 Brookens Geo
7 Thompson Helene E △ EA 8831
8 Young Everett R mgr △ VE 5666
3016 Seaman Lester
3018 Shilk Clarence
3024 Lighthill Ralph
3030 Weigel Jacob ◎
3038 Vacant
3042 Berg Clarence S △ FI 7944
3049 Steele Helen L Mrs ◎ △ EM 3461
3054 Bockman Fred C pntr
3104 Woodle Roy △ EM 8147
3107 Lockwood Alf Rev ◎ △ EA 1620
3112 Kennedy Homer J ◎ △ EA 0771
3121 Hill Fred B ◎ △ VE 8743
3125 Pearson Ernest H ◎ △ VE 7721
3128 Webster Cherry C Mrs ◎ △ EA 0368
SE 32d av intersects
3205 Thompson Ethel W Mrs ◎ △ EM 2221
3217 Wayland Richd T ◎ △ FI 5840
3223 Vacant
3224 Eldred Edith J Mrs ◎ △ EA 0463
3229 OHoffhines Harold W ◎ △ FI 2966
3230 Bowers Clifford A ◎ △ EA 0391
3234 Delfin Danny N ◎ △ EM 1206
3237 Kraner Clifford C ◎ △ EA 4944
3244 Myers Iva M Mrs ◎ children's clo mfr △ EM 8563
SE 33d av intersects
3342 Carnation Co dairy △ BE 2-2131
SE 34th av intersects
3421 Shaver Edna A Mrs ◎ △ EA 8747
3422 Shellhart Barbara A Mrs ◎ △ EM 6720
3428 Rodby Paul G ◎ △ VE 6560
3429 Smith Elsie M ◎ △ EA 8794
3434 Reese Joe J
3435 Rice Earnest L ◎ △ EA 2991
3436 Seaquist Albert L △ EA 8431
3442 Davy Conwell L ◎ △ EA 9390
3449 Lafe Tillie Mrs ◎ △ EA 8825
218
SE 35th av intersects
3505 **Apartments**
1 Van Winkle Margt E Mrs
2 Jackson Jas M △ FI 7978
3 Nipple Carl
4 Ramsey Wm G mgr △ FI 4423
5 Brown Peggy Mrs
6 Miller Harry △ FI 1504
7 Schlaak Hertha
8 Powers Angeline Mrs
9 Davis Mary A Mrs
10 Hooker Mary
3519 Neubarth Oswald H ◎ △ VE 3940
3525 Sears Orval E △ VE 7782
3526 Crocker Geo I ◎ △ EM 5129
3534 Gorsche Geo M △ EM 6723
3535 Miller Alice E Mrs ◎ △ EA 2011
3540 Holmes John W ◎ △ EA 8756
3543 Linn K Josephine Mrs △ FI 3063
3546 Manley Moses E ◎ △ VE 1938
3550 Terry Wayne P ◎ △ EA 1466
3551 Greenland Elmo G
3558 Huffman Kenneth L △ EM 0700
3559 Olsen Arth S △ EA 1330
3604 Ashwood Otis T ◎
3607 Jackson Leland E ◎
3612 Morin Sol △ EA 0053
3617 Paulsen Gertrude P ◎ △ EA 5501
3621 Kennedy Donald A ◎ △ EA 7902
3623 Saylor Augusta Mrs ◎
3628 Thiel Amelia ◎
3635 Carter Alvin L ◎ △ EA 8730
3636 Braga Frank E ◎ △ EM 9878
3641 McGrath Effie A Mrs ◎ △ VE 4920
3642 Wallace Chas R ◎ △ EA 1473
3647 Davison Neil V ◎ △ EM 5610
3653 Gianopoulos Nick A ◎
3656 Karras Wm K ◎ △ EM 1713
3703 Bryant Stanley W ◎ △ EA 1359
Clock Francis Mrs △ VE 3388
3704 Chase Alva O ◎ △ EM 9843
3717 Paris Mabel L Mrs ◎ △ EA 3025
3718 Adams Wilbur A ◎ △ EM 9073
3721 Jensen Eug T ◎ △ VE 3404
3726 Hochstein Evelyn M Mrs ◎
3734 Raske Harold C △ EA 0555
3735 Watson Jas H △ EA 7887
3736 Morton Richd B △ EA 5866
3741 Carey Loona H Mrs △ EA 9801
3742 Boyd Doris M Mrs ◎ △ VE 2490
3746 Green Myrtle S Mrs ◎ △ VE 3887
3747 Seiler Leonard C ◎ △ EA 1906
3755 Winters Fred S △ EA 1432
3760 Vogele Adolph E △ FI 6930
3801 **Caruso Manor Apartments**
1 Morrison Robt A △ FI 6372
2 Finberg Milton
3 York Geo S △ FI 2911
4 Sherman Leah Mrs △ VE 6496
5 Leatherman Ida L Mrs
6 Wheelock Eleanor M △ FI 4409
7 Lewis David △ EA 1405
8 Duckett Harry mgr △ EM 0970
9 Ellis Delbert △ EM 6829
10 Powers Alvin T jr FI 3814
11 Fendel Harry △ EM 3820
12 Mink Harold
3818 Keith Frances E ◎ △ EM 1862
3826 Karnes Frank H ◎ △ EA 8278
3833 Nash Dani H ◎ △ EA 6908
3824 Hendricks Elmer E △ FI 3638
Powell Clarence J
3838 Carlton Tile Co (whse)
3842 Gault John H ◎ △ EA 7207
3845 Davis Jesse ◎ △ EA 8340
3851 Clyde Jas B ◎ △ EM 2015
3854 **Tennent Alice L Mrs ◎** △ EA 6005
3859 Montgomery Lily Mrs ◎
Bonat Geo W △ FI 4876
3880 Gudmundsen Milton B

EASY As PHIL EASY As PAY ... Yes... Easy terms on...

10TH AVE SE 1955

711 S.W. ALDER — SIMPSON Property Factors — BEACON 7181

10TH AV, NE—Contd

NE Fremont intersects

3506 Vacant
3512 Fink John @ garbage collection serv Δ TU 3342
3513 Wulzen Geo W Δ TR 0780
3522 Vacant
3527 Walker Henry J @ Δ GA 6159
3530 Rady Wm Δ TR 6923
3533 Reider Carl @ Δ WE 6274

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NE Beech intersects

3606 Shirley Jas J @ Δ TR 3517
3616 Klaus Jacob @
3711 No return
3716 Cunningham Ralph
3717 Footh Dallas L @ Δ TU 2644
3723 Dietrich Herman Δ TU 1135
3726 Barnes Kenneth M @ Δ WE 5493
3727 Hope Jack W Δ TR 1551
3733 Derr John @
3736 Hinkel Martha Mrs @ Δ WE 6342
3806 Hanna John A @ Δ TR 1345
3807 Hahn John garbage collection serv Δ GA 7955
3816 Maurer Erna Mrs @ Δ TR 4082
3817 Beaman Ralph R @ Δ TU 3003
3822 Gallant Ralph E @ Δ WE 9872
3823 Grica Chappie @ Δ TU 3361
3826 Kessler Adolf @ Δ WE 6773

NE Failing intersects

3906 Vacant
3909 Foster Gerald E Δ TR 0733
3917 Linear John
3923 Scott Albert Δ GA 1697
3926 D'Angelo John A Δ MU 5028
3933 Morris Richd T @ Δ TR 0192
3936 Raycraft Jas E @ Δ WE 4344
3946 Werth Bert A @ Δ GA 1956
3953 Dixon Foree @ Δ MU 3135
3956 Hergert Henry @ Δ WE 1526
3963 Duke Stanton H @ Δ WE 3440
3969 Simonsen Verner @ Δ WE 0543
3972 Koch Alex @
3973 Zentner Thos H @ Δ WE 3583

NE Shaver intersects

4005 Herring John W Δ WE 0178
4006 McLean Jess R @ Δ MU 6884
4015 Johnson Jas @ Δ GA 6514
4016 Greenwald Henry @ Δ TR 9231
4026 Cauble Wm A @ Δ GA 6525
4027 Lloyd Fred R @ Δ TR 7376
4035 Tuffe Peter A @ Δ TU 3455
4036 Toy Edw @ Δ TR 3960
4042 Goulden Ida Mrs @ Δ WE 4262
4043 Schafer Fred @ Δ MU 0646
4050 Willinger Saml E @ Δ WE 7071
4057 Walker Henry @
4062 Hergert Adam @ Δ GA 7765
4063 Williams Tracy R @ Δ WE 7349
4072 Hohnstein Geo J @ Δ GA 9226

NE Mason intersects

4103 Harvey Wm gro Δ MU 9598
4106 Geisel David @ Δ GA 2485
4114 Brueckner Max G @
4115 Lehl Christina Mrs @ Δ GA 6398
4127 Yarnell Harold E @ Δ GA 9141
Pedersen Chas Mrs @ Δ GA 7319
4133 Pihl Esther M Mrs @ Δ GA 5194
4136 Billeter Ben F @ Δ GA 2102
4206 Elliott Beryl @
4207 Adkisson Carl T @ Δ GA 9293
4215 Hein Danl J @ Δ WE 4604
4216 Gough Anna L Mrs @ Δ WE 7295
4220 Pierce Ota N @ Δ GA 7461
4227 Collins Roy W @ Δ GA 4092

NE Skidmore intersects

4307 Wilcox Lloyd A @ Δ MU 4507
4315 Maki Walter T @ Δ TU 4400
4325 Hoohnstein Amelia Mrs @ Δ TR 4155
4326 Cauble Wm A @ Δ GA 6525
4403 Baker Elbert @ Δ WE 8919
4408 Walker Olga Δ WE 8639
4413 Dickel Henry R @ Δ WE 8308
4416 Johnston Thos C Δ TU 7266
4423 Whiting R Preston @ Δ GA 7409
4424 Evans Edw E
Sanchez Eug
4426 Steele Thos O Δ GA 5582

244

NE Prescott intersects

4525 Denny Paul N @ Δ WE 8344
4526 Betsch John L @ Δ GA 5385
4533 Moore Arth R @ Δ WE 4186
4535 Whiffin Wm B Δ WE 4685
4536 Richardson Leola M Mrs @ Δ GA 8863
4545 Ericksen Sig E @ Δ WE 8338

NE Going intersects

4606 McPherson Lillian O Mrs Δ TU 4664
4608 Vacant
4622 Lewis Harold T @ Δ GA 3617
4625 Anderson Edwin O Δ TU 1762
4705 Floyd John W @ Δ GA 9330
4706 Nelson Beatrice L Mrs @ Δ WE 8251
4717 Stahl K Gilbert Δ TR 6531
5725 Seeley Mae Mrs Δ TU 2757
4727 Lindquist Selma Mrs @ Δ WE 0245
4727½ Vacant

NE Wygant intersects

4807 Henriksen Ann Mrs @ Δ GA 0850
4815 Wilson Helen E Mrs @ Δ GA 1875
4824 Haralampus Gus A @ Δ GA 6521
4829 Haralampus Thos G Δ TR 8711
4830 O'Brien Henry M @ Δ WE 1865
4845 Williams Barlett H @ & MU 6864
4846 Rudermel Jacob @ Δ WE 2842
4849 Avolesi Anthony @ Δ MU 6934
4955 Pidcoe Eva J Mrs @ Δ GA 0707
4903 Luczai Camil @ Δ TU 2629
4904 Petersen Ruby L Mrs @ Δ MU 2757
4909 Kriebel David T @ Δ TR 4561
4910 Christy Anetlia Mrs @ Δ TU 4256
4919 Snyder Don W @ Δ GA 5205
4933 Molde Bessie C Mrs
4936 Nichols Forrest G @ Δ TR 5902
4941 Milliken Albert W @ Δ MU 1724
4949 Hayes Walter L @

NE Alberta intersects

5015 Pond Gordon H Δ WE 4546
5017 Miller Irvin
5018 Armstrong Raymond J @ Δ TU 4308
5026 Larsen Herman @ Δ GE 7685
5027 Forbe Wm A @ Δ GA 3732
5035 Jewson Vern @ Δ WE 2165
5036 Frison Henry J @ Δ WE 3917
5045 Lester Harry J @ Δ GA 6777
5048 Boyer Joseph F @ Δ WE 9454
5049 Dohl Walter G @ Δ GA 0631

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NE Webster intersects
Unopened to NE Emerson

5310 Henry Austin C Δ GA 9649
5311 Duff Danl J @ Δ MU 3995
5314 Huffman Cacil G Δ WE 0491
5316 Hubinsky Emil
5321 Story Harold A @ Δ GA 6298
5324 Kasper Donald L Δ TR 2326
5326 Rogers Alex P
5404 Moran Lawrence J @ Δ TU 4996
5405 **Connie Kay Court**
1 Soderback Frank D Δ WE 7982
2e Hdlund Richd C Δ TU 1820
3 Bollg Roy V Δ GA 6266
4 Roadnight Wm J Δ MU 8708
5 Mernin Barney F Δ WE 2104
6 Ausland Don K Δ TR 2441
7 Newell Robt C Δ TU 2655
8 Meyers Herbert C Δ TU 2013
9 Vuylstek Arth J Δ MU 3169
10 Sorber Edw R mgr Δ MU 8113
5414 Schaeffer Don W Δ TR 4381
5424 Flood Ragnhild Mrs @ Δ GA 2365

NE Killingsworth intersects
NE Church intersects

5524 Harriman Geo Δ GA 8536
5525 Eichler Walter H Δ WE 3060

NE Church intersects

5605 Eichler Henry C Δ MU 5920
5606 Gervans Albert J @ Δ MU 4393
5615 Siddorn Mary H Mrs @ Δ 5322
5622 Butler Robt A @ Δ GA 4916
5625 Langholz awrence H @ Δ MU 7280
5634 Vick Robt J @ Δ GA 6306
5700 Goodale Naomi G Mrs @ Δ MU 6995
5701 Sherman Jos D @ Δ WE 7264
5707 Macy Jesse G @ Δ MU 6965
5608 Pattison Annetta Mrs @
5713 Smith Floyd F @
5717 Nelles Mary H @ Δ MU 7792
5722 Clements Forest
5723 Derr Bernard G @ Δ TU 3779
5731 Lehande Armand G @ Δ TR 0125
5734 Harris Eleanor L @ Δ TR 5359

NE Jessup intersects
NE Jarrett intersects

5807 Thompson Wm P jr Δ TR 5353
5809 Vacant
5811 Schriever Fredk S Δ WE 2730
5813 Vranizan Anthony E Δ TR 6623
5817 Gustafson Ralph A Δ TU 2277
5819 Binns Archie W Δ WE 1838
5820 Warnock Ella M Mrs
5821 Gersch Joseph L Δ MU 6116
5823 Schifferdecker Jack Δ WE 6242
5834 Thompson Fred D @ Δ TU 3668
5842 Fowler Floyd A @ Δ TR 3786
5853 Belieu John W @ Δ MU 8198
5900 Toban Richd E @ Δ WE 2933
5903 Howard Chas M @ Δ TU 3168
5910 Roger Raymond W @ Δ TR 6792
5918 Tapp Chas W @ Δ TR 8107
5919 Hanson Elmer H @ Δ MU 5161
5930 Mitchell Grace M Mrs @ Δ WE 6859
5931 Tobin Elden K Δ WE 2504
5946 Smith James H @ Δ GA 6927

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NE Ainsworth intersects

6024 Zirr Jos O Δ TR 6135
6025 Benedict Edw L @ Δ WE 2755
6032 Ingwood Wm A @ Δ WE 0847
6033 King Robt H @ Δ TR 1477
6104 VanTricht Henri @ Δ MU 0985
6107 Stensland Iver N @ Δ TU 4776
6112 Wilson Robt M @
6120 D'Amico John @ Δ TR 0460
6125 Koch Peter C @ Δ MU 6176
6130 Swain Raymond E @ Δ TR 3147
6131 Grimes Donald P @ Δ TR 4842
6205 Carson Kermit M @ Δ WE 2426
6205 Berry Robt E @ Δ WE 1038
6217 Thoman Herman @ Δ WE 4316
6220 Carey Clifford R @ Δ TR 2842
6235 Vacant
6243 Proud Edw F @ Δ TU 1769
6244 Zwahlen John S @ Δ WE 6715

NE Holman intersects

6324 Livesay Virgil @ Δ TR 2277
6333 Webster Jack D @ Δ WE 2852
6336 Haavig Sylvester M @ Δ 3R 1371
6344 Ketchum Gerald M @

NE Highland intersects

6401 Woodlawn Methodist Church
6404 Burris Lloyd A @ Δ TR 2533
6414 Smart Minna Mrs @ Δ GA 1728
6422 Fields Geo E @ Δ TR 4158
6431 Fitzgerald Ray L Δ WE 8220
4657 Cook Willis @ Δ WE 2166

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NE Portland blvd intersects
NE Durham intersects
Unopened to NE Madrona

7010 Crawford Lulu M Mrs @ Δ UK 2113
7018 Demeter Paul
7028 Fincher Glenn O @ Δ TW 4879
7033 Phillips Curtis J @
7114 Frichtl Wm P @ Δ KU 1423
7115 Eaves Claude E @ Δ UK 3055
7122 Nesbitt Albert E @ Δ UK 1602
7127 Thomas John @ Δ TW 6760

NE Buffalo intersects

7205 Tryon Arth E @ Δ TW 6643
7206 Orr Francis F @ Δ UK 3241
7215 Grundy R C @ Δ UK 2989
7216 Derring Conrad @ Δ UK 3823
7224 White Jesse @ Δ TW 9839
Keener Geo W Δ TW 4901
7235 Sanders Sedillo @ Δ WK 2463
7236 Drame Herman @ Δ TW 2587
7244 Meyer Norman E @ Δ TW 7559

NE Holland intersects

7405 Gullard Mandel D Δ TW 2410
7657 Vacant
7666 Nussbaumer Frieda Mrs @ Δ UK 1790

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10TH AV, NW — From 1001 W Burnside n

2 Montclair Tavern & Coffee Shop Δ BR 4282
4 Vacant
8 Vacant
28 Bee Electric Serv elec contrs Δ BE 5136

NW Couch intersects

100 Armory Automotive Serv body reprs Δ BR 6168
109 **Armory Tie** Δ BR 0240

Rooms:
1 Anderson James J mgr
3 Armory Exchange Canteen restr Δ BR 0240
5 State Military Dept Adjutant General
7 Oregon Natl Guard 237th Anti-aircraft Artillery Group Hqs Δ BR 2700
9 Oregon Natl Guard 722d Antiair-craft Battalion Δ CA 2971
11 US Army Advisor 237th Anti-aircraft Group
State Military Dept 419th Signal Detachment
12 Oregon Natl guard 224th anti-aircraft Detachment Δ BR 2700
17 Headquarters Detachment Oregon Natl Guard Δ CA 6888
25 State Military Dept Battery A 722d A A Battalion
26 Oregon Natl Guard Battery 237th Anti-Aircraft Artillery Group Δ CA 2060
32 Oregon Natl Guard 234th Army Band Δ CA 5924

Street continued

122 Armory Automotive Serv (body & paint shop)
138 Burns Dan Co whol auto parts Δ BR 3606

NW Davis intersects

205 Federal-Mogul Serv bearing mfrs Δ BR 5544
206 Walker Elec Wks motor reprs Δ BR 6225
213 Potter-Webster Co whol auto parts Δ BR 1257
221 H-G-S Grinding Serv motor rebuilding Δ BR 0059
222 McGuire Bearing Co Δ CO 2678
225 Harry's Coffee Shop restr Δ AT 9973
226 Vacant
228 Vacant
229 Moore Equipment Co oil burners Δ BR 3025
230 Otis Elev Co sls & serv Δ BR 5676
235 Franklin E A & Co auto reprs Δ BR 1255

NW Everett intersects

301 Specialty Auto Glass Co Δ BR 1224
308 Vacant
312 Oregon Buddhist Ch
315 Sinclair & Valentine Co ink mfrs Δ BE 2169
322 Auto Wheel Serv (parts dept)
327 Ballou & Wright whol auto accessories Δ BR 5601
330 Auto Wheel Serv mfrs Δ AT 9346

NW Flanders intersects

404 Cronin Co The whol auto parts Δ BR 3626
416 Am Industrial Products Inc whol industrial equip Δ CA 9449

10TH AV, NW—Contd

430 Air Reduction Pac Co oxygen producers Δ BR 2467
Ohio Chem Pac Co whol drugs Δ BE 4626
Pure Carbonic Co carbonic gas mfrs Δ BR 2467
435 Cummings Tire Co Inc Δ BE 6193
Cummings-Ward Oil Co fuel oil Δ BE 6193

NW Glisan intersects

509 Eoff Elec Co equip and sups Δ CA 9411
525 Vacant
539 Western Fire Equip Co Δ BE 7722

NW Hoyt intersects

600 Aleo Cafe Δ BR 8739
608 New Western Hotel Δ BR 8784
Sherman Clyde L mgr
610 Doxey-Gann prntrs & lithos Δ AT 7074
618 Vacant
630 United States Rubber Co whol tires Δ BR 6571

NW Irving intersects
NW Johnson intersects
NW Lovejoy intersects

180

10TH AV, SE — From 1001 E Burnside

9 Christian Dean B Δ VE 3416
11 Vanetta Lester C Δ VE 3687
30 Mason-Ehrmann & Co whol gro Δ EM 2101

SE Ankeny intersects

115 Fordyce Hattie B Mrs Δ EM 2757
135 Farrell Chas J @ Δ EA 6429

SE Sandy blvd intersects
SE Ash intersects
SE Pine intersects
SE Oak intersects

404 Sheffer Jerry L
406 James Chas M @ Δ EM 4949
410 Gulbrandson Carolino Mrs
413 James Emma @ Δ EA 4723
415 Melker Huron Δ EM 6980
White Clara Mrs @
418 Oliver Helen A Mrs
420 Evans Doris C Mrs Δ FI 8711
423 Howard Mattie V Mrs Δ EA 9375

SE Stark intersects

508 Cox Millard M Δ VE 2779
Crist Elleen L
Knoblauch John P
McCracken Chas
516 Nelson Edw A Δ EA 7045
523 Carr Wm F @ Δ EA 5827
529 Holland John T @
533 Moore Leo B Δ FI 2985
539 Hall Mayme F Mrs Δ VE 5680

SE Washington intersects

614 Garner Frank A Δ FI 1897
615 Vacant

SE Alder intersects

232

SE Morrison intersects

800 Westerners Inc sls promotion Δ FI 8406
Kirby Parts Corp Δ FI 8406

SE Belmont intersects

915 Merchants Whol Prod Co Inc Δ EM 4101
921 Market Club Restr Δ VE 9107
927 Gaitz & Sons whol fruit & gro Δ VE 5589
935 Ferney Frt Lines auto frt Δ EA 2189

SE Yamhill intersects

1030 Kibe Massy Produce Co Δ FI 2118

SE Taylor intersects

1127 Oregon Brass Wks Δ EA 7121
1138 Fruehauf Trailer Co mfrs Δ EA 5116

SE Salmon intersects
SE Main intersects
SE Madison intersects

1427 East Side Tool & Dye (ship & receiving)
1429 McDonald Co Inc (delivery entrance)

240

SE Hawthorne blvd intersects

1513 Marge's Cafe
Spets Jas A @ Δ EM 7274
1517 Western Golf Course Sup Co (whse)
1528 Davenport Jess L Δ VE 6214
1529 No return
1532 Vacant
1534 Sullivan Shirley V
1536 Gilsoul Lambert A VE 7807
1538 Strong Eva Δ FI 6907

SE Clay intersects

1616 VanHoomissen Chas J @
1617 Vacant

SE Market intersects

1711 Langendorf United Bakeries Inc Δ FI 6421
1736 Eubanks Vela M
Maurer John R

SE Mill intersects

1810 Schetky Equip Corp Δ FI 5345
1835 Kerr Conserving Co preserve mfrs Δ FI 2252

SE Stephens intersects

1906 Coast Transport Inc Δ EA 5148
1917 Lee Joe E
1921 Silcher Herman C @

BLYTH & CO., INC.
Underwriters and Distributors of Bonds and Stocks
Pacific Building — Portland

11TH AV, SE—Contd
819 County Garage △ BR 8441 ext 505
SE Belmont intersects
951 M & R Produce △ FI 6507
1010 Froskist Ice Cream Co mfrs △ EA 3123
1020 United Salad Co prepared food whsl △ EA 7175
SE Taylor intersects
SE Salmon intersects
SE Main intersects
SE Madison intersects
1412 Meyer Fred Inc (ice cream plant) △ EA 0949
1430 Meyers Fred Inc (candy dept) △ AT 5241
240
SE Hawthorne blvd intersects
1520 Cohen Bros Furn (whse)
1536 Delano Studios coml photogs △ EM 2139
Engineering Clinic △ EA 1644
Western Mapping Co △ EM 2139
SE Clay intersects
1604 Vacant
1605 Greene Barbara H Mrs
Wilson Marie Mrs
1607 Alexandria Martha Mrs
1612 Hing Leah △ EA 1917
1616 Hing Lee ⓦ
1617 Meissner Raymond V
1623 Vacant
1632 Power Brake Equip Co mfrs △ FI 6621
1635 Concrete Constn Co △ EM 4181
SE Market intersects
1700 Vacant
1704 Vacant
1710 Vacant
1716 Bishop Nancy Lee △ EA 7248
Holtsford John T
1724 Rudo Oscar P ⓦ landscape gdnr △ EA 9213
1727 Stardrill Co well equip & sup △ EM 2157
1731 Underwriters Salvage Co of NY △ FI 2500
1735 Kerzel Aug ⓦ
SE Mill intersects
1800 Farman Russell M ⓦ
1803 Reese Jack F △ FI 4589
1812 White Eldon D △ EA 9970
1816 Paterson Alex △ EA 4634
1817 Mills Edgar L ⓦ △ EA 5857
1820 Hale Marvin
White W Robt △ EA 1417
1821 Coulter Ben B △ EM 9328
1831 Vacant
1832 Hood Upholstering Co △ EA 7562
1835 Todd Wm D ⓦ△ EA 2875
SE Stephens intersects
1901 Hartley & Zuercher battery dlrs △ EA 6374
1906 Bell Josephine H △ EA 0275
1908 Lefler Wm
1911 Zioka Michi △ FI 3884
1917 McCarthy Ernestine Mrs ⓦ △ EA 7227
1918 Howell Edw L △ FI 3194
1923 Stallman Robt E △ VE 6483
1925 Vacant
1927 Fredrickson Mary Layland Wm D
1931 Henner's Remedies △ VE 9712 rear
1932 Bogdanovich Kathryn A Mrs ⓦ △ VE 2319
1935 Osborne Chas W
1937 Adoline's South East Eleventh Ave Tavern △ VE 9162
SE Harrison intersects
2000 Smith's Grocery △ VE 9904
2001 Gatto's Modern Shoe Repr
rear Gatto Antonio
2005 Fairchild Mildred △ EA 2986
2006 Smith △ RE △ VE 9904
2007 Wilson E F ⓦ △ FI 3561
2008 Phillip's Sanitary Barber Shop
2013 Sanders John L ⓦ △ junk dlr
2014 Messinea Phillip △ FI 3439
2023 Bonner Archie B △ EM 7082
2026 Bartnick Stanley J
Hyka Chas W
2029 Burgess Lillian Mrs
Hummientt Lee H ⓦ △ VE 7677
Ellis Roy
2032 Asmus Desdomina G Mrs
2034 Brunner Bertha L Mrs △ EM 6637
2035 Anderson Elnar L △ EA 9881
2036 Graham John P ⓦ △ FI 1715
2038 Lincoln Apartments
Dumke Marion Mrs mgr
Deumke Ray F ⓦ △ EM 3477
242
SE Lincoln intersects
2105 Alloy Plating & Polishing △ EM 3448
2112 Saftwick Richd A
2115 Lehman N Gladys Mrs ⓦ △ EM 2778
2118 Anderson Donald J
Emery Lloyd C
2123 Fosnot Clarissa E Mrs △ FI 5208
2124 Craig Daryll M ⓦ △ EA 8874
2128 Lee Pak On △ EA 7271
2131-33 Marion's Gro △ Mkt △ VE 9221
2139 Marion's Gro & Mkt (store rm)
SE Grant intersects
2201 Achilles Gro △ VE 9372
2204 Brandon Helen Mrs
2213 Durkee Stanley E △ EM 1749
2214 Lincecum Violet L Mrs ⓦ
2215 Larsen Chris
2224 Hall Hazel V ⓦ △ EA 1442
2234 Welker Ray A
2235 Pacific Fence & Wire Co mfrs △ EA 7405
SE Sherman intersects
2303 Ricketts C Howard △ EA 4215
2306 Amato Providanzia Mrs ⓦ △ EA 5663
2311 Wilkins Mable Mrs ⓦ △ FI 3966
2312 Johnson Viola Mrs
2317 Champagne Wm M △ EA 4908
2321 Tompkins Sherman C ⓦ △ VE 4783
2322 Cop Albert J ⓦ
2328 Scoffone Carlo ⓦ △ VE 3302
2329 Jones Rolly ⓦ △ EA 8692
2335 Eichman John ⓦ
2338 Williams Eliz Mrs ⓦ △M 9910
SE Carutthers intersects
2405 Mudgett Lawrence △ EM 0741
2407 Ray Delmar
2408 Faalo Jos ⓦ △ FI 2956
2415 Taylor Birdie L Mrs
2418 Buckner Willis F △ FI 1612
2425 Larson Edw C ⓦ △ VE 5947
2428 Sampietro Corrado E ⓦ △ EA 1768
2434 Larson Maynard E ⓦ △ VE 6086
2430 Agnew Willard J jr △ EA 0744
2434 Neel Orville C △ VE 6322
2442 Dorocka Geo M
SE Division intersects
2505 Oregon Liquor Control Cmsn △ EA 0161
2526 Qualser Lbr Co △ EA 4197
2536 Patek & Co laudry sups △ EM 4191
276
SP Ry tracks intersect
SE Clinton intersects
SE Brooklyn intersects
SE Powell Blvd intersects
3013 Krusss Trimming Co uphol trimmings △ EM 1302
3027 Schmitt Geo A ⓦ △ EM 0995
3101 Bishop Phoebe E Mrs
3109 Brisack Donald E △ EA 3218
3115 Beaumont Johanna A Mrs ⓦ △ EA 8785
3205 Johnson Wm J △ FI 1521
3209-13 Apartments
1 Friberg Pearl
1B Peterson Eva Mrs
2 Stevenson Eliz F Mrs △ VE 1160
2B McLean John D △ VE 6708
3 Payton Evelyn E Mrs
4 Thomas Edith M Mrs △ EM 0803
5 Richardson Marie A Mrs △ VE 5063
6 Hough Albert R
7 Squires Harry E △ FI 4111
8 Thomas Elta △ FI 1763
SE Franklin intersects
3223 Wilson Wm P ⓦ △ EM 3404
3333 Apartments
1 Colby Ernest S ⓦ △ FI 5965
2 Leppert Ruth Mrs
3 Hortsch Edw H
4 Vacant
5 Nelson Oscar
3345 Cook Robt C
SE Haig intersects
3423 Haines Otella Mrs ⓦ △ FI 6083
3424 Christen Paul P ⓦ △ EA 2458
3433 Brown Paul B ⓦ △ EA 6611
3447 Mohagen Ellen Mrs △ EV 1-2826
SE Rhine intersects
3505 Zimmerman Chas △ EM 6168
3513 Minor Carlos L ⓦ △ EM 0594
3516 Hoagland Dorothy Mrs ⓦ △ FI 8083
3531 Vixler Raymond C
3537 Havely Sadie H ⓦ
3540 Lundquist Gerald L ⓦ △ EM 0315
3605 Malotte Marion F △ EM 3362
3006 Panage Richd L △EA 2830
3613 Hahn Chester C ⓦ
3614 Knowles Jessie G ⓦ
3822 Pike Chas C △ EA 0424
SE Rhone intersects
3705 George John W ⓦ △ EM 2542
3714 Pippy Beatrice ⓦ △ EA 2576
3715 Gersch John T ⓦ △ EM 2721
3722 Schoenfeld Ralph H ⓦ △ VE 3957
3723 Salerno Frank P ⓦ △ EM 5471
3737 Beckel Saunders T ⓦ △ VE 2695
3746 Sebechtel Peter A △ EA 2570
3747 Gee Kathleen ⓦ △ VE 4892
3755 Hanson Harry W ⓦ △ FI 4293
3795 Spitulski Zigmund ⓦ △ EA 5986
3780 Mudie Neil P △ EM 2726
3783 Bechtold Chas ⓦ △ EA 0686
3786 Goetten Wm H ⓦ △ EM 2731
3803 Immel Frank ⓦ △ VE 6287
3810 Sacred Heart Convent △ EA 7383
Sisters of StBenedict △ EA 7883
3815 Immel Eliz Mrs ⓦ
3822 Sacred Heart Sch
3825 Pohl Jos ⓦ △ EM 9683
3905 Begarness Martha M Mrs ⓦ △ EM 8205
3910 Benedict Paul Rev △ EM 1837
3915 Rohan Jos A ⓦ △ FI 2960
3921 Keiser Mark F ⓦ △ EA 4486
3926 Sacred Heart Ch
SE Center intersects
4009 Niedermeyer Jos J ⓦ △ EM 3677
4014 Lair Loretta A Mrs ⓦ △ EA 6008
4023 Riehl Melania Mrs ⓦ △ EM 0104
4024 Rooney Leonard J ⓦ △ EA 7485
4103 Mayer Harold A ⓦ △ VE 6368
4108 Reznick Frank J ⓦ
4117 Moffenbeier Walter L ⓦ △ EM 4946
4118 Martini Fred J ⓦ △ EA 8975
4121 Stearn Henry △ FI 1718
4123 Palermini Raymond F ⓦ △ VE 3072
4124 Colby Ralph M ⓦ △ EM 1271
SE Boise intersects
4206 Bell Thos A ⓦ △ EA 2050
4207 Newman Francis I ⓦ △ EM 9072
4212 Fitzgerald Mary E ⓦ
4215 McFadden Gilbert C ⓦ △ EM 1971
4223 Pedersen Edw ⓦ
4229 Flaherty Harley B ⓦ △ EA 2333
4235 Petrusich John ⓦ △ VE 2673
4236 Charais Oliver J ⓦ △ EM 6247
4245 Kubat Anthony R ⓦ △ EM 6125
SE Cora intersects
4321 Donaldson Patk L △ FI 2896
328
SE Mall intersects
Unopened to SE Sellwood blvd
7533 Estep Mae △ EM 8062
7538 White Walter E ⓦ △ EM 4653
SE Flavel intersects
SE Rex intersects
7630 Leonard Emma M Mrs
7631 Spulock Henry A ⓦ △ EM 8030
SE Malden intersects
7705 Vishop Riehd L ⓦ △ FI 2762
330
SE Lambert intersects
7824 Swift Keith J ⓦ △ FI 8075
7836 Chilson Edw D ⓦ △ EM 1788
SE Bidwell intersects
7855 See John A ⓦ △A 8527
7865 Shipley John J ⓦ △ EM 4459
7873 Ouderkirk Rosalie F Mrs ⓦ △ EM 8698
7879 Lacey Peter H
Pelkey Beatrice Mrs ⓦ △ EA 6706
SE Lexington intersects
SE Miller intersects
7970 Lancaster Paul E ⓦ △ EM 1564
7971 Bos Peter C △ EM 6950
7971 Teters Emily S Mrs △ EM 1901
SE Nehalem intersects
8015 Vanell Vivian E
8017 Jederman Julia W Mrs △ VE 2450
8029 Hobler Kathryn B Mrs ⓦ △ EM 2525
SE Spokane intersects
8057 Vacant
8059 Vacant
8067 Bollinger Eliz F Mrs ⓦ
8072 Sellwood Baptist Ch △ FI 1566
332
SE Tacoma intersects
8111 Stilger Herman C ⓦ △ EA 9280
8114 Murphy C E ⓦ
8125 Tomson Stella Mrs △ EM 9150
8133 Wilson Geo E ⓦ △ EM 2069
8134 Taylor Orville W ⓦ △ FI 4133
SE Tenino intersects
8205 Strickar Lillie ⓦ ⓦ △ EM 8036
8210 Tester Albert F
8214 Hockett Glenn A
8215 Hood Bert F ⓦ △ FI 2880
8232 Vacant
8234 Lynch Evelyn C Mrs
8236 Johnson Kath Mrs △ VE 2523
8238 Kaye Clifford J △ VE 1894
SE Umatilla av intersects
8306 Hopson Oather T △ VE 1957
8324 Nelson Ralph R ⓦ △ EM 5111
8325 Crowder Geo M
Loberg Lloyd M ⓦ
8334 Jones Arth W ⓦ △ EM 4095
8335 Larrico Jos O △ FI 2160
SE Harney intersects
8403 Manfredi Peter G ⓦ
8415 Pendleton Wm L
8416 Hankey Ralph T ⓦ △ VE 6272
8424 Moser John A ⓦ
8427 Vacant
8433 Vacant
SE Sherrett intersects
8507 Pringle Lela G Mrs ⓦ
8508 Danielson Celia Mrs ⓦ
8515 Ford John L ⓦ △ FI 4057
8516 Cole Leslie W ⓦ △ EA 2693
8524 LaRue Lee L ⓦ △ VE 7852
8525 Clevenger Robt E Rev △ VE 0517
8526 No return
8534 Ream Clark D ⓦ △ EA 0509
8535 Eoff Max G ⓦ △ FI 2914
SE Clatsop intersects
8604 Beard Henry C ⓦ △ EM 5713
8605 Landsberg Minnie Mrs ⓦ △ FI 9035
8614 Madison Robt ⓦ △ VE 2446
8615 Philley Orson R ⓦ △ VE 5913
8622 Vacant
8623 McNeil John B ⓦ coml photog △ EM 8615
8624 Vacant
8633 Hiff W Arden ⓦ △ EA 9754
8634 Electric Apartments
1 Singleterry Ann Mrs
2 MacGee Margt
3 Rappe Horace L
4 Smith Laura M
5 Conklin Wilma
6 Clark Mary A Mrs
7 Maurer John
8 Vacant
9 Roley Lorene R Mrs
10 Boehm Oscar C mgr △ EM 1932
11 Davis L F
12 Ashee Beatrice
SE Marion intersects
8705 Piland Cecil O ⓦ △ EM 8528
8712 Wiggens Wm T
8714 Tomes John J △ VE 4542
8716 Jones Mitzi Mrs
8723 Piland Garvin L
8724 Campbell Fay J ⓦ △ EM 5401
8733 Marquart Raymond M
8736 Volberding Alidia △ FI 2140
SE Linn intersects
8825 U S Forest Serv (regional equip ofc and shops) △ EA 6101
8851a Moore Amanda C Mrs ⓦ △ BE 2989
8870 Harvey Minnie M Mrs ⓦ △ EA 6797

1B-6
11TH AV, SW—From 1101 W Burnside s
311 Wentworth & Irwin Inc (body shop)
Wentworth & Irwin Inc (stge)
Wentworth & Irwin Inc used cars △ BR 6331-ex 11
316 Renaut Marcelle Dance Studio △ AT 0705
Tantiesie Sylvester music tchr △ AT 0705
321 Maydor Tavern △ BR 7335
322 Treves Hotel △ BR 5591
Galup Della E Mrs ⓦ
326 Hollis Wm G tailor
332 Portland Safe Co △ BE 5885
SW Stark intersects
409 Nortonia Hotel △ BR 1181
Cogan Louis T ⓦ
Nortonia Hotel Cigar Stand
412 Vacant
416 Vacant
421 Wolverine Ins Co △ AT 6349
422 Vacant
426 Hotel Irving (side entrance)
427 Old Telgram Building
First Natl Bank of Portland (rear) △ AT 7141
528 Vacant
SW Washington intersects
Le Vi Shoppe (side entrance)
517 Morris Printing Co △ BE 0487
521 Cokesbury Book Store △ AT 8581
Methodist Publishing House △ AT 8581
527 Carlyle Hotel △ AT 8936
Giannik John G ⓦ △ BE 5004
528 Vacant
1B-7
SW Alder intersects
601 LaCantina Importers △ BR 8608
611 Coast Orthopdic Co appliances △ BR 3804
614 Columbia Athletic Club △ AT 2304
615 Beauty Products Co (dely contractor)
619 Recreation Building
Oregon Blue Shield Plan
Oregon Physicians Serv △ CA 3251
620-24 Manfield's Auction Galleries △ BR 4311
SW Morrison intersects
712 Charls & Larry Hairdressers beauty shop △ BR 0112
11TH AV, SW—Contd
714 German Ladies Relief Society △ BE 3592
Portland Liederiafel Harmonie △ BE 3592
Portland Liederiafel △ BE 3592
General German Aid Society △ BE 3592
North Pacific Saengerbund △ BE 3592
718 Karlson K E Co artificial limbs △ AT 0441
721 Murray Arth Sch of Dancing △ AT 6251
725 Berlinrs' Ins beauty shop supp △ BR 5527
726 Hotel Arthur △ BR 9798
730 Town & Country Knit yarns △ BE 0257
737 Cromwell Tailors Inc △ BE 8471
Helmer John (br) men's furngs △ BE 8471
SW Yamhill intersects
831 Haack Bros Pharmacy △ BE 1155
833 Medical Dental Building
Rooms:
205 Marxer & Clarke phys △ AT 8229
214 Haworth Isenhart Raines & Shipp phys △ BE 7138
215 Armen Geo K phys △ BE 4900
217 Hamilton John W dentist △ EE 9750
218 Buckley Jas E phys △ BE 2183
Manlove Chas H jr phys △ BE 2183
223 Myers Paul B phys △ BE 3552
227 Steffanoff Dan N phys △ BE 1055
308 Medical Dental Surgeries △ BR 1424
314 Adams John C phys △ BE 7463
Forster Donald E phys △ AT 1528
316 Nisbet Oliver M phys △ AT 1428
Tegart R Lloyd phys △ AT 3447
318 Redpath Geo W dentist △ BE 9725
321 Emery Lee E dentist △ BE 0570
Prehn Chas T dentist △ EE 0570
323 Jeffcott Ralph L dentist △ AT 5349
Jeffcott Robt L dentist △ AT 5349
329 McGuire Dental Labr △ BE 7114
406 Allergy Clinic △ AT 0155
Benson Robt L phys △ AT 0155
Perlman Frank phys △ AT 0155
409 Siehel Martin S phys △ BE 8008
410-12 Rosenblatt Millard S phys △ BR 3311
414 Gourley Maurice F phys △ BR 7544
McMahon Raymond A phys △ BR 7544
417 Zeller Werner E phys △ BE 9517
Markee R Kent phys △ BE 9517
421 Nystrom Ernest G dentist △ BE 9132
Wells Richmond dentist △ BE 9132
423 Baldwin Thos R dentist △ BE 6513
Alder Ralph J dentist △ AT 4238
425 Adix H Victor jr phys △ BR 1077
503 Manlove Chas H medical labty and phys △ BE 0917
512 Childs Robt T phys △ BE 7116
Dick Lenox H phys △ BE 7116
Kerr Moyt W phys △ BE 7116
Wise Saml H phys △ BE 7116
514 Dykman Augustus B oculist △ BE 6062
516 Keller Richd B dentist △ CA 2600
Nelson Dwaine E dentist △ CA 2600
521 Alder Bryant A dentist △ BE 1310
524 Alden Alf S dentist △ BE 4914
Osterman Alf W dentist △ BE 4914
527 Barr John R phys △ BE 7084
Roemer Thos J phys △ BE 7084
603 Ross Cecil J phys △ BE 8365
610 Diekel Herman A phys △ AT 9337
Dixon Henry H phys △ AT 9337
Shanklin Jas G phys △ AT 9337
614 Medical Dental Bldg (ofc) △ BE 1680
Foster Wm C property management △ BE 1680
616 Patton Robt W phys △ CA 3860
620 Brandon Saml A dentist △ BE 2813
Tall Ronald K dentist △ BE 1677
Zimmerman Neal L dentist △ BE 1677
625 Anderson Lloyd G dentist △ BE 3822
628 Massar J Clifton phys △ AT 4339
Ray Leon F phys △ AT 4339
702 George Chalmer L dentist △ BE 2387
Skiff Mark S dentist △ BE 6097
707 Schuler Francis B phys △ AT 4925
708 Moore Clifford H dentist △ CA 3014
Moore Harry B phys △ BE 6617
712 McGill Clinton S phys △ BE 4195
716 Boyd Adna M phys △ BE 1628
Boyd Bruce A phys △ BR 1628
Boyd Stanley A phys △ BR 1628
725 Gray Robt P dentist △ BE 9647
Wollin Chas S dentist △ BE 9647
726 Gaston Ira E phys △ BE 3001
728 Tegea Laura R dentist △ AT 5783
729 Dulin Thos S jr dentist △ BE 4402
801 Nudelman Phillip L phys △ CA 5818
804 Lucas Harold R phys △ BE 4694
Ten Eyck T Glenn phys △ BE 4694
805 Goldsmith Herbert E phys △ BE 3443
808 Martzloff Karl H phys △ BE 3386
812 Klein Paul E dentist △ AT 0482
814 Fixott Henry C dentist △ AT 1242
Fixott Henry C jr dentist and dental radiologist △ AT 1242
816 Gambee Edwin E phys △ CA 1615
Gambee Louis P phys △ CA 1615
Garnjohn Wm phys △ CA 1615
Hardwick Clifford E phys △ CA 1615

THE J. K. GILL CO.
S. W. Fifth Avenue at Stark . . . AT. 8681
BOOKS • STATIONERY • GIFTWARES
FOUNTAIN PENS • OFFICE SUPPLIES
SCHOOL SUPPLIES • SCHOOL FURNITURE

11TH AV, NE—Contd

3043 Dunlap Mildred C ⓓ
Δ GA 2986

NE Siskiyou intersects

3106 Bailey Ella H Mrs ⓦ
3116 Southworth Jos E ⓓ Δ WE 5588
3117 Cheyne Milo C ⓓ Δ MU 4063
3126 Bloomberg Julius ⓓ Δ MU 8045
3129 Helm Jean ⓓ Δ TR 5340
3132 Summers Oral D ⓓ Δ MU 7413
3137 Entler Martha R ⓓ Δ GA 3357
3146 Schwab Marie Mrs ⓓ Δ TR 8432
3147 Sandstrom Harold K ⓓ
Δ WE 6036
3206 Coffman Walter R ⓓ Δ GA 3053
3207 Young Fred S ⓓ Δ GA 3876
3213 McIntyre Lucius G ⓓ Δ TR 1603
3216 Ritz Edw F ⓓ Δ TR 7992
3221 Helliwell Harry A Δ MU 0293
3222 James Arth R ⓓ Δ GA 6942
3236 Wood Carmelita J Mrs
Δ TR 7581
3237 Richardson Jas F ⓓ Δ MU 3734
3241 Leppert Raymond H ⓓ Δ TR 4909
3242 Rasmussen Marie Mrs ⓓ
Δ TR 0967

NE Klickitat intersects

3307 Williams Raymond M
Δ GA 6952
3308 Pierson Ellen M Mrs ⓓ
Δ WE 7328
3310 Kehm David ⓓ Δ WE 1409
3317 Schmidt Martin ⓓ Δ TU 1485
3323 Schmidt Fredk R ⓓ Δ TU 2607
3326 Henderson Glenn ⓓ Δ WE 3012
3336 Miller Roy A ⓓ Δ TR 3428
3336 Huck Jacob ⓓ Δ WE 2313
3343 Leppert Lena Mrs ⓓ Δ GA 0942
3346 Marjerrison Matthew N ⓓ
Δ WE 1437
3403 Lehl Geo ⓓ Δ MU 0886
3406 Tokstad Martin ⓓ Δ WE 8839
3416 Foster Edw C ⓓ
3417 Beadling Walter C ⓓ
Δ TW 1293
3426 Cour Ella Mrs ⓓ Δ GA 8442
3427 Johnson E Arth ⓓ Δ GA 8698
3433 Gullans Hiram ⓓ Δ MU 2681

NE Fremont intersects

3506 Burbach Harold Δ MU 2301
3507 Trendt Conrad garbage collection serv ⓓ Δ WE 8041
3512 Braband Susanna Mrs ⓓ
Δ TU 2901
3513 Schmer Geo Δ TU 4279
3523 Miller Henry ⓓ Δ GA 7466
3524 Smith Fred ⓓ Δ JU 4586
3532 Clark Ruby L Mrs ⓓ
Δ TR 9240
3533 Mass Wm M Δ WE 3788
3606 Fritzler Adolph J Δ GA 5160
3607 Weitzel W E ⓓ Δ WE 1730
3612 McGuire Walter J
3613 Cook John ⓓ Δ MU 1392
3622 Reid Jos ⓓ
3623 McClinton Lee G ⓓ Δ WE 7487
3633 Hall Albert W

124

NE Beech intersects

3717 Marten Christ
3718 Klaus Henry ⓓ garbage collection serv Δ GA 7480
3727 Miller Anna M Mrs ⓓ
Δ WE 1237
3728 Hanke Rudolph ⓓ garbage collection serv Δ GA 7480
3736 Albert John ⓓ Δ TU 1751
3803 Peterson Alex ⓓ Δ WE 1518
3806 Compton Clyde Δ WE 9155
3818 Vacant
3817 Ferguson Robt ⓓ Δ GA 6890
3825 Nelson Walter G ⓓ Δ WE 6770
3828 Ross Riehd L ⓓ Δ TU 3601

NE Failing intersects

3911 Poole Marion A ⓓ Δ WE 4126
3912 Erdman Jacob jr ⓓ Δ TU 2072
3914 Wagner Christina Mrs
Δ MU 3157
3926 Jett Harold Δ MU 7368
3927 Laknas Barbara L Mrs
Δ MU 7828
3931 Geist Danl J ⓓ Δ TR 0489
3932 Urbach John ⓓ Δ GA 5628
3942 Holbrook Lewis ⓓ Δ TR 4794
3955 Niedens Julia Mrs ⓓ Δ WE 2507
3958 Ebling John L Δ WE 4847
3956 Walker John ⓓ Δ GA 7095
3967 Redlinger Nellie Mrs ⓓ
Δ GA 0867

NE Shaver intersects

4005 Kaiser Anthony F ⓓ Δ TR 4365
4006 Anderson Perry C ⓓ Δ WE 7824
4015 Glanz Henry mstr ⓓ Δ MU 3854
4016 Richardson Benj F ⓓ Δ TR 5912
4025 Coffee Mildred M Mrs ⓓ
4026 Vacant
4035 Trebelhorn Richd J Δ TU 1434
4036 Smith Isabella Mrs ⓓ Δ WE 9472
4046 Melcher Gustof ⓓ Δ TR 6588
4047 Weitzel Kath Mrs ⓓ Δ TR 0988
4055 Schwan Mary Mrs ⓓ Δ GA 1746
4056 Loken Arth B ⓓ garbage collection serv Δ WE 2971
4064 Kammerzell Harold ⓓ Δ GA 3279
4067 Meisner Carl ⓓ Δ TR 0039
4072 Norris Bennie L ⓓ Δ MU 4436
4077 Petersen's Grocery Δ GA 4692
Petersen Clara W Mrs

NE Mason intersects

4103 Ryan Danl J ⓓ Δ TR 8246
4115 Hickerson Alphonse A ⓓ
Δ GA 8405
4127 Noyes Ellen C Mrs ⓓ Δ WE 5203
4134 Batich Peter L ⓓ Δ GA 2831
4137 Vacant
4205 Nelson Arth ⓓ Δ GA 0747
4215 Brill Constantine ⓓ Δ TR 5342
4231 Roelandt John ⓓ Δ TR 0684

NE Skidmore intersects

4315 Ollermann Alex F ⓓ Δ TR 0435
4316 Shippelbute Elsa M Mrs ⓓ
4324 Melcher Ida L Mrs ⓓ
Δ TR 1898
4325 Decker Ira J ⓓ Δ TR 9226
4407 Brauckmiller Lawrence E
Δ GA 4812
4418 McLenna David A Δ WE 0106

144

NE Prescott intersects

4525 Green Raymond E Δ WE 0797
4526 Hall Jimmie O ⓓ Δ WE 3322
4534 Scheidsman Dan ⓓ Δ GA 4096
4537 Gorman Jack D

NE Going intersects

4618 Thompson Wm H ⓓ WE 8075
4705 Woods Cecil S ⓓ Δ MU 5029
4706 Wilkinson Geo W ⓓ Δ WE 4973
4714 Plazza Phillip ⓓ Δ MU 3933
4715 Ganiere Ruth Mrs Δ TU 3575
Spearow Evelyn Mrs
ⓓ Δ TU 3575
4724 Meyer Ada D Mrs ⓓ
4725 Fake Theo M ⓓ Δ GA 8127

NE Wygant intersects

4808 Swanberg Robt E ⓓ
4814 Eisenschmidt Ella L Mrs ⓓ
4815 Nelson Hallie W Mrs ⓓ
Δ GA 2866
4822 Crawford Arth T ⓓ Δ GA 2976
4823 French Dennis E ⓓ Δ MU 5371
4833 McIntosh Geo D ⓓ Δ GA 7712
4842 Brown Gordon C ⓓ
Δ TR 6970
4845 Bigley Jas E ⓓ MU 6831
4848 Adamson Chas H Δ MU 5490
4857 McNeill Bernard E ⓓ WE 1163

Humboldt intersects

4905 Rizor Guy G ⓓ Δ GA 5779
4911 Schneider Andrew D ⓓ Δ GA 8956
4912 Wegner Louis H ⓓ Δ GA 5694
4919 Barry John ⓓ Δ GA 2545
4920 Pugh Worth M ⓓ Δ WE 8838
4927 Daniels H Jas ⓓ Δ GA 9303
4928 Partels David F ⓓ Δ TU 4475
4934 Donovan Jos J ⓓ Δ WE 4697
4935 Hanson Henry J ⓓ Δ WE 8716
4942 Berg Roger G

NE Alberta intersects

5016 Rowley Maude S Mrs ⓓ
Δ GA 4283
5028 Riley Martha B Mrs ⓓ
Δ TU 3963
5034 Baron Christian ⓓ Δ CA 3718
5035 Kato Tony ⓓ Δ GA 4996
5041 Friton Herbert ⓓ Δ GA 1742
5044 Clark Wm G ⓓ Δ WE 5180
5048 Clark Everett M ⓓ Δ GA 5783

NE Webster intersects

5109 Rhodes Wm H ⓓ Δ GA 2772
5121 Frederiksen Phyllis Mrs ⓓ
5129 Quisling Bobby V Mrs

150

NE Sumner intersects
Unopened to NE Emerson

5304 Mahoney Nellie L Mrs ⓓ
Δ TR 7755
5305 Finney Saml P Δ WE 2232
5310 Gruenig Elise Mrs ⓓ Δ TR 0240
5311 Parks Floyd H Δ MU 3317
5321 Low Hershel B ⓓ Δ GA 9581
5322 Chin Florence A Mrs ⓓ
Δ GA 4728
5403 Carlson Hugo J ⓓ Δ TR 7296
5404 Kregness Alvin O ⓓ Δ TR 7202
5416 Stankovich Geo ⓓ Δ TR 7605
5424 Smith Laura E Mrs ⓓ Δ TR 5829

NE Killingsworth intersects

5504 Walter Ralph L ⓓ Δ GA 3957
5514 Wessela Conrad P Δ TR 9053
5515 Kramer Manuel J ⓓ Δ WE 1101
5518 No return
5525 Cruse Chas E ⓓ Δ TR 1738
5526 Spokane Wrecking Co Δ WE 1957
Dupree Robt L ⓓ Δ WE 1957

NE Church intersects

5604 Davis Walter G ⓓ Δ TR 6966
5605 Hughes Esther I Mrs ⓓ
Δ GA 3101
5614 Ely Chas B ⓓ Δ TR 3416
5615 Osmera Raymond R Δ MU 6095
5617 Larsen Geo E Δ WE 0444
5623 Laufburrow Wm P ⓓ Δ TR 2553
5624 Young Jas H ⓓ Δ MU7122
5634 Ehrlin Edw F ⓓ Δ TR 7711
5635 Silva Edw B ⓓ Δ WE 5019
5704 McKay Raymond E jr
Δ MU 5840
5705 Howard Riste Mrs ⓓ Δ MU 3346
5712 Somerville Chas F ⓓ Δ TR 3888
5715 Johnson Andrew W Δ WE 7096
5724 Woell Louis A ⓓ Δ TR 5719
5727 Millar Robt D ⓓ Δ TR 0755
5732 Bolen Clara M ⓓ Δ TR 4331
5734 No return
5735 Bryant Albert M ⓓ Δ TR 4182

NE Jarrett intersects

5804 Bain Donald E ⓓ Δ WE 0332
5805 Zangerle Howard W ⓓ
Δ MU 1635
5814 Erickson Inga L Mrs ⓓ
Δ MU 8501
5815 Metzenberg Ernest W ⓓ
Δ MU 7661
5824 Orpilla Leon S ⓓ Δ GA 3435
5825 Petroff Mike M ⓓ Δ TU 3272
5835 Petterson Wilbert T ⓓ Δ TR 9126
5840 Bagley Geo V ⓓ Δ WE 0410
5845 East Ernest H ⓓ Δ WE 8471
5846 Skene Chas L Δ WE 0469
5852 Granstrom Stanley ⓓ Δ MU 8490
5901 Sorger Mary R Mrs ⓓ Δ TR 0257
5910 Folkerts Geo R ⓓ Δ TR 4862
5913 Cole Ivan W ⓓ Δ TR 7248
5919 Ulman Ernest A ⓓ Δ WE 9539
5922 Read Maurice ⓓ Δ TR 8362
5924 Dye Marjorie
5932 Mickler Arth E ⓓ Δ TR 7181
5933 Trindall Harold J ⓓ Δ TR 1848
5948 Williams Geo P ⓓ Δ MU 6900

168

NE Ainsworth intersects

6023 Howland John S ⓓ
6026 Roberts Mary Mrs Δ TR 9054
6035 Crawford Jack S ⓓ Δ WE 2924
6036 Dooney Robt G ⓓ Δ MU 8484
6106 Barnes Oren A ⓓ Δ WE 6984
6107 Nelson Minnie C Mrs ⓓ
Δ TR 3186
6112 Hanson Clifford J Δ GA 2672
6113 Hilbish Milton W ⓓ Δ TR 1361
6124 Rishiek John ⓓ
Δ TR 4367
6125 Staley Ethel Mrs ⓓ
Δ WE 1776
6135 Brant F Stuart Δ MU 5242
6204 Robinson Lester ⓓ Δ WE 3633
6205 Wolfe Dorothy S Mrs ⓓ
Δ TU 4205
6215 Schmalenberg Vernon R ⓓ
Δ WE 5905
6216 Kershaw Edwin L
6225 Smith Ethel Mrs ⓓ Δ TR 5380
6226 Burton Robt M ⓓ Δ WE 0256
6235 Bertruchi Geo L ⓓ Δ TU 1977
6243 Georgeson Evangeline G Mrs ⓓ
Δ MU 0027
6244 Conley Richd R Δ TR 2310

NE Holman intersects

6305 Johnson Wm H ⓓ Δ TR 0276
6310 James Wendell F ⓓ Δ WE 7161
6322 Wickman Fanny G Mrs ⓓ
Δ MU 7847
6323 Maloney Jas ⓓ Δ WE 2905
6337 Smith Peter J ⓓ Δ TR 0096
6347 Vacant

NE Durham intersects

6419 Muth Robt D ⓓ

174

Unopened to NE Oneonta

7011 Purvine Clarence E ⓓ Δ UK 3321
7021 Hinckley Harry B ⓓ Δ UK 3413
7029 Kennedy Lee B ⓓ
7037 Speidel Edwin ⓓ Δ TW 1498
7045 Flath Virgil R ⓓ UK 2773
7103 Ward Morris F Δ TW 0389
7107 Pratt Carl G
7121 Enfield Clarinda L Mrs ⓓ
Δ UK 3334

NE Buffalo intersects

7200 Woodlawn School
7205 Schaefer Rudolph ⓓ Δ TW 1971
7215 Venable Monroe V ⓓ Δ WK 3252
7225 Anderson Marjorie Mrs ⓓ
Δ TW 7642
7235 Beglaw C C ⓓ
7253 Denkert Herman A ⓓ
Δ UK 1222

NE Holland intersects

7329 Hart Jas A ⓓ Δ TW 4112

NE Stafford intersects
NE Lombard intersects

7500 Buick Motor Div parts whse
Δ UK 2541

NE Russet intersects

7603 Molinari Domenico ⓓ Δ UK 1821
7624 Gagne Jos E ⓓ Δ UK 2647
7034 Duff Ambrose ⓓ

NE Baldwin intersects

7642 Kinoshita Jos A ⓓ Δ UK 2336

NE Columbia blvd intersects

5

11TH AV, NW — From 1101 Burnside n

24 Wentworth & Irwin Inc (garage)
Wentworth & Irwin Inc (parts dept)

NW Couch intersects
NW Davis intersects
NW Everett intersects

308 Western Seat Cover auto uphol
Δ CA 9171
315 B & Z Automotive Serv reprs
Δ BR 7474
Columbia Auto Works auto uphol
Δ BR 4674
317 Heikkemper E B Towing & Storage Δ BR 0936

NW Flanders intersects

403 Faulkner Geo Co armature rewinding Δ ER 3567
Faulkner Malana Mrs
415 Maremont Automotive Whse auto parts Δ CA 9713
Darius Raymond M mfrs agt
Δ CA 9713
Johnson V E mfrs agt Δ CA 9713
Kimmell Wm J mfrs agt
Δ CA 9713
Robbins Dee mfrs agt Δ CA 9713
418 US Post Office (br) Δ AT 6501
US PO Parcel Post Annex
Δ AT 6501

NW Glisan intersects

528-535 Eoff Elec Co (whse)
537 Commerce Motors auto reprs
Δ AT 2525

NW Hoyt intersects
NW Johnson intersects

180

11TH AV, SE — From 1101 E Burnside s

15 Pac Brokerage Co mdse brokers
Δ EA 4114
17 Goldstein's & Co clo mfrs
Δ EA 9195
22 Vacant
55 American Auto Upholstery
Δ VE 6155

SE Ankeny intersects
SE Sandy blvd intersects

106 Woolach Bros (br) tires
Δ BR 2443
120 Shew Jos L ⓓ VE 6453
123 McMahon Rosemary J Δ FI 7903
125 Vacant
126 Brookdale Jas L Δ EM 2437
138 Crew Edw H Δ VE 0039

SE Ash intersects

208 Cleghorn John E ⓓ Δ VE 0491
212 Lane Delbert R Δ VE 3526
216 Jones Grover C ⓓ Δ VE 7532
221 Troy Lindry (side entrance)
230 Reid Edwin H Δ VE 1679

SE Pine intersects

305 Tanery Abr A ⓓ Δ WE 7277
311 Gemeehlich Bert H
319 Baker Jas P ⓓ Δ EA 4595
330 Cregan Stanley J Rev Δ EA 5869
St Francis of Assisi Parish House
335 Borich Brunko N Δ EM 0850
Borich Nichola J ⓓ

SE Oak intersects

421 Hall Marvin
Langley Paul Δ EM 6471
422 Smith Lewis F Δ EA 9456
Zinn Curtis W ⓓ Δ EA 3777

SE Stark intersects

514 VanDusen Wilfred L ⓓ
Δ EM 3719
518 Reynolds Esther Mrs ⓓ
523 Tillman Maudo E Mrs Δ EA 2205
524 Lee Thos Δ EA 6893
534 Vacant

SE Stark intersects
SE Washington intersects

603 Haley Jean M Mrs Δ EA 9793
604 Riggs Edith Mrs
608 Smith Irvine O Δ EA 0618
614 Wilson LaVois Mrs
615 Dennis Maxine
Hong Yee Y ⓓ Δ EA 6477
622 Jones Geo E Δ FI 1155
630 Greenwald Louis F ⓓ
634 Paris Eliza S Mrs ⓓ Δ EA 5518

SE Alder intersects

711 **Metcliffe Apartments**
Johnson Ida O Mrs mgr Δ FI 9177
A Bosh Estella Mrs
B Hanna Pearl N Mrs Δ FI 1430
C Cairns Ruth Δ FI 5976
D Lobolin Nina A Δ EM 5054
1 Lent Leaon M
2 Coleman Margt
3 Dargatz Eleanor M
6 William Wm E Δ VE 9777
7 Knapp Gaynelle S Mrs Δ FI 4521
21 Butler Louise Mrs
22 Klouchek Chas Δ EA 2008
23 Courtwright Fred N Δ VE 0743
24 Wolff Fritz
28 Smith Sophie Mrs Δ EA 1535
26 Zuker Elaine Δ FI 0777
27 Davidson John W
31 Moser Simon H Δ EA 3538
32 Davis Ann Mrs Δ FI 2931
33 Martin Fred
34 Potts Lucile C Δ EA 7705
35 Blair Dora E
36 Smith Earle C Δ VE 0946
37 Dugan John L Δ EM 0315
41 Turner Hazel Mrs Δ VE 1900
42 Kennedy Martha Mrs
43 Moen Andrew
44 Maling Victor A
48 Dickson Lulu J
46 Disney Della Mrs
47 Sims Clifford M Δ EM 2013
101 Wardrop Earl E Δ EM 3980
102 Gallucci Albert C Δ EA 9308
103 Harris Bernice Mrs ⓓ Δ VE 4086
104 Dickson Harvey H Δ EA 1030
105 Peterson Ida Mrs Δ VE 2216
106 Bjorn Erick
201 Maki John W Δ EA 0377
202 Simoneau Marie M Δ FI 4197
203 Broehtbill Eileen V Δ VE 9777
204 Hendriekson Ethel A Δ EA 3498
205 Olsen Josephine Mrs Δ EM 5100
206 Knutsen Mary
301 Vacant
302 Robinson Arth M Δ EM 7909
303 Bradley Geo W Δ EA 6479
304 Moore Carrie B Mrs Δ VE 1489
305 Mulheirn Mary R Mrs
306 Young Bud
401 Null Wm H Δ EA 8268
402 Johnston Arth A Δ EA 5761
403 Majors Dora T Mrs Δ EA 3646
404 Miles Eug Δ EA 4594
405 Goughnour Gertrude Δ VE 9777
406 LeClaire Milton V Δ VE 5809
720 Polly & Comella Produce Co
Δ EM 1558
728 Lausmann J H Co whol lbr
Δ FI 8494
730 Columbia Exporters Inc Δ FI 5383

232

SE Morrison intersects

PACIFIC BUILDING MATERIALS COMPANY
SAND AND GRAVEL • READYMIXED CONCRETE • REFRACTORIES • BUILDING SPECIALTIES
400 N. Thompson St.
PORTLAND, OREGON
WEbster 3215
101 East First Street
VANCOUVER, WASHINGTON
TWinoaks 8818 OXford 3-4723

11TH AVE SE 1955

11TH AV, SE—Contd
819 County Garage △ BR 8441 ext 505
SE Belmont intersects
951 M & R Produce △ FI 6507
1010 Froskist Ice Cream Co mfrs △ EA 3123
1020 United Salad Co prepared food whsl △ EA 7175
SE Taylor intersects
SE Salmon intersects
SE Main intersects
SE Madison intersects
1412 Meyer Fred Inc (ice cream plant) △ EA 0949
1430 Meyers Fred Inc (candy dept) △ AT 5241
240
SE Hawthorne blvd intersects
1520 Cohen Bros Furn (whse)
1536 Delano Studios coml photogs △ EM 2139
Engineering Clinic △ EA 1644
Western Mapping Co △ EM 2139
SE Clay intersects
1604 Vacant
1605 Greene Barbara H Mrs
Wilson Marie Mrs
1607 Alexandria Martha Mrs
1612 Hing Leah △ EA 1917
1616 Hing Lee ⓒ
1617 Meissner Raymond V
1623 Vacant
1632 Power Brake Equip Co mfrs △ FI 6621
1635 Concrete Constn Co △ EM 4181
SE Market intersects
1700 Vacant
1704 Vacant
1710 Vacant
1716 Bishop Nancy Lee △ EA 7248
Holtsford John T
1724 Rudo Oscar P ⓒ landscape gdnr △ EA 9213
1727 Stardrill Co well equip & sup △ EM 2157
1731 Underwriters Salvage Co of NY △ FI 2500
1735 Kerzel Aug ⓒ
SE Mill intersects
1800 Farman Russell M ⓒ
1803 Reese Jack F △ FI 4589
1812 White Eldon D △ EA 9970
1816 Paterson Alex △ EA 4634
1817 Mills Edgar L ⓒ △ EA 5857
1820 Hale Marvin
White W Robt △ EA 1417
1821 Coulter Ben B △ EM 9328
1831 Vacant
1832 Hood Upholstering Co △ EA 7562
1835 Todd Wm D ⓒ△ EA 2875
SE Stephens intersects
1901 Hartley & Zuercher battery dlrs △ EA 6374
1906 Bell Josephine H △ EA 0275
1908 Lefler Wm
1911 Ziola Michl △ FI 3884
1917 McCarthy Ernestine Mrs ⓦ △ EA 7227
1918 Howell Edw L △ FI 3194
1923 Stallman Robt E △ VE 6483
1925 Vacant
1927 Fredrickson Mary
Layland Wm D
1931 Henner's Remedies △ VE 9712 rear
1932 Bogdanovich Kathryn A Mrs ⓦ △ VE 2319
1935 Osborne Chas W
1937 Adoline's South East Eleventh Ave Tavern △ VE 9162
SE Harrison intersects
2000 Smith's Grocery △ VE 9904
2001 Gatto's Modern Shoe Repr
rear Gatto Antonio
2005 Fairchild Mildred △ EA 2986
2006 Smith △ RE △ VE 9904
2007 Wilson E F ⓒ △ FI 3561
2008 Phillip's Sanitary Barber Shop
2013 Sanders John L ⓒ △ junk dlr
2014 Messinea Phillip △ FI 3439
2023 Bonner Archie B △ EM 7082
2026 Bartnick Stanley J
Hyke Chas W
2029 Burgess Lillian Mrs
Hummiett Lee H ⓒ △ VE 7677
Ellis Roy
2032 Asmus Desdomina G Mrs
2034 Brunner Bertha L Mrs △ EM 6637
2035 Anderson Elnar L △ EA 9881
2036 Graham John P ⓒ △ FI 1715
2038 Lincoln Apartments
Dumke Marion Mrs mgr
Deumke Ray F ⓒ △ EM 3477
242
SE Lincoln intersects
2105 Alloy Plating & Polishing △ EM 3448
2112 Saftwick Richd A
2115 Lehman N Gladys Mrs ⓒ △ EM 2778
2118 Anderson Donald J
Emery Lloyd C
2123 Fosnot Clarissa E Mrs △ FI 5208
2124 Craig Daryll M ⓒ △ EA 8874
2128 Lee Pak On △ EA 7271
2131-33 Marion's Gro △ Mkt △ VE 9221
2139 Marion's Gro & Mkt (store rm)
SE Grant intersects
2201 Achilles Gro △ VE 9372
2204 Brandon Helen Mrs
2213 Durkee Stanley E △ EM 1749
2214 Lincecum Violet L Mrs ⓒ
2215 Larsen Chris
2224 Hall Hazel V ⓒ △ EA 1442
2234 Welker Ray A
2235 Pacific Fence & Wire Co mfrs △ EA 7405
SE Sherman intersects
2303 Ricketts C Howard △ EA 4215
2306 Amato Providanzia Mrs ⓒ △ EA 5663
2311 Wilkins Mable Mrs ⓒ △ FI 3966
2312 Johnson Viola Mrs
2317 Champagne Wm M △ EA 4908
2321 Tompkins Sherman C ⓒ △ VE 4783
2322 Cop Albert J ⓒ
2328 Scoffone Carlo ⓒ △ VE 3302
2329 Jones Rolly ⓒ △ EA 8692
2335 Eichman John ⓒ
2338 Williams Eliz Mrs ⓒ △M 9910
SE Carutthers intersects
2405 Mudgett Lawrence △ EM 0741
2407 Ray Delmar
2408 Faalo Jos ⓒ △ FI 2956
2415 Taylor Birdie L Mrs
2418 Buckner Willis F △ FI 1612
2425 Larson Edw C ⓒ △ VE 5947
2428 Sampietro Corrado E ⓒ △ EA 1768
2434 Larson Maynard E ⓒ △ VE 6086
2430 Agnew Willard J jr △ EA 0744
2434 Neel Orville C △ VE 6322
2442 Dorocka Geo M
SE Division intersects
2505 Oregon Liquor Control Cmsn △ EA 0161
2526 Qualser Lbr Co △ EA 4197
2536 Patek & Co lndry sups △ EM 4191
276
SP Ry tracks intersect
SE Clinton intersects
SE Brooklyn intersects
SE Powell Blvd intersects
3013 Krusss Trimming Co uphol trimmings △ EM 1302
3027 Schmitt Geo A ⓒ △ EM 0995
3101 Bishop Phoebe E Mrs
3109 Brisack Donald E △ EA 3218
3115 Beaumont Johanna A Mrs ⓒ △ EA 8785
3205 Johnson Wm J △ FI 1521
3209-13 Apartments
1 Friberg Pearl
1B Peterson Eva Mrs
2 Stevenson Eliz F Mrs △ VE 1160
2B McLean John D △ VE 6708
3 Payton Evelyn E Mrs
4 Thomas Edith M Mrs △ EM 0803
5 Richardson Marie A Mrs △ VE 5063
6 Hough Albert R
7 Squires Harry E △ FI 4111
8 Thomas Elta △ FI 1763
SE Franklin intersects
3223 Wilson Wm P ⓒ △ EM 3404
3333 Apartments
1 Colby Ernest S ⓒ △ FI 5965
2 Leppert Ruth Mrs
3 Hortsch Edw H
4 Vacant
5 Nelson Oscar
3345 Cook Robt C
SE Haig intersects
3423 Haines Otella Mrs ⓒ △ FI 6083
3424 Christen Paul P ⓒ △ EA 2458
3433 Brown Paul B ⓒ △ EA 6611
3447 Mohagen Ellen Mrs △ EV 1-2826
SE Rhine intersects
3505 Zimmerman Chas △ EM 6168
3513 Minor Carlos L ⓒ △ EM 0594
3516 Hoagland Dorothy Mrs ⓒ △ FI 8083
3531 Vixler Raymond C
3537 Havely Sadie H ⓒ
3540 Lundquist Gerald L ⓒ △ EM 0315
3605 Malotte Marion F △ EM 3362
3006 Panage Richd L △EA 2830
3613 Hahn Chester C ⓒ
3614 Knowles Jessie G ⓒ
3822 Pike Chas C △ EA 0424
SE Rhone intersects
3705 George John W ⓒ △ EM 2542
3714 Pippy Beatrice ⓒ △ EA 2576
3715 Gersch John T ⓒ △ EM 2721
3722 Schoenfeld Ralph H ⓒ △ VE 3957
3723 Salerno Frank P ⓒ △ EM 5471
3737 Beckel Saunders T ⓒ △ VE 2695
3746 Sebechtel Peter A △ EA 2570
3747 Gee Kathleen ⓒ △ VE 4892
3755 Hanson Harry W ⓒ △ FI 4293
3795 Spitulski Zigmund ⓒ △ EA 5986
3780 Mudie Neil P △ EM 2726
3783 Bechtold Chas ⓒ △ EA 0686
3786 Goetten Wm H ⓒ △ EM 2731
3803 Immel Frank ⓒ △ VE 6287
3810 Sacred Heart Convent △ EA 7383
Sisters of StBenedict △ EA 7883
3815 Immel Eliz Mrs ⓒ
3822 Sacred Heart Sch
3825 Pohl Jos ⓒ △ EM 9683
3905 Begarness Martha M Mrs ⓒ △ EM 8205
3910 Benedict Paul Rev △ EM 1837
3915 Rohan Jos A ⓒ △ FI 2960
3921 Keiser Mark F ⓒ △ EA 4486
3926 Sacred Heart Ch
SE Center intersects
4009 Niedermeyer Jos J ⓒ △ EM 3677
4014 Lair Loretta A Mrs ⓒ △ EA 6008
4023 Riehl Melania Mrs ⓒ △ EM 0104
4024 Rooney Leonard J ⓒ △ EA 7485
4103 Mayer Harold A ⓒ △ VE 6368
4108 Reznick Frank J ⓒ
4117 Moffenbeier Walter L ⓒ △ EM 4946
4118 Martini Fred J ⓒ △ EA 8975
4121 Stearn Henry △ FI 1718
4123 Palermini Raymond F ⓒ △ VE 3072
4124 Colby Ralph M ⓒ △ EM 1271
SE Boise intersects
4206 Bell Thos A ⓒ △ EA 2050
4207 Newman Francis I ⓒ △ EM 9072
4212 Fitzgerald Mary E ⓒ
4215 McFadden Gilbert C ⓒ △ EM 1971
4223 Pedersen Edw ⓒ
4229 Flaherty Harley B ⓒ △ EA 2333
4235 Petrusich John ⓒ △ VE 2673
4236 Charais Oliver J ⓒ △ EM 6247
4245 Kubat Anthony R ⓒ △ EM 6125
SE Cora intersects
4321 Donaldson Patk L △ FI 2896
328
SE Mall intersects
Unopened to SE Sellwood blvd
7533 Estep Mae △ EM 8062
7538 White Walter E ⓒ △ EM 4653
SE Flavel intersects
SE Rex intersects
7630 Leonard Emma M Mrs
7631 Spulock Henry A ⓒ △ EM 8030
SE Malden intersects
7705 Vishop Riehd L ⓒ △ FI 2762
330
SE Lambert intersects
7824 Swift Keith J ⓒ △ FI 8075
7836 Chilson Edw D ⓒ △ EM 1788
SE Bidwell intersects
7855 See John A ⓒ △A 8527
7865 Shipley John J ⓒ △ EM 4459
7873 Ouderkirk Rosalie F Mrs ⓒ △ EM 8698
7879 Lacey Peter H
Pelkey Beatrice Mrs ⓒ △ EA 6706
SE Lexington intersects
SE Miller intersects
7970 Lancaster Paul E ⓒ △ EM 1504
7971 Bos Peter C △ EM 6950
7971 Teters Emily S Mrs △ EM 1901
SE Nehalem intersects
8015 Vanell Vivian E
8017 Jederman Julia W Mrs △ VE 2450
8029 Hobler Kathryn B Mrs ⓒ △ EM 2525
SE Spokane intersects
8057 Vacant
8059 Vacant
8067 Bollinger Eliz F Mrs ⓒ
8072 Sellwood Baptist Ch △ FI 1566
332
SE Tacoma intersects
8111 Stilger Herman C ⓒ △ EA 9280
8114 Murphy C E ⓒ
8125 Tomson Stella Mrs △ EM 9150
8133 Wilson Geo E ⓒ △ EM 2069
8134 Taylor Orville W ⓒ △ FI 4133
SE Tenino intersects
8205 Strickar Lillie ⓒ ⓒ △ EM 8036
8210 Tester Albert F
8214 Hockett Glenn A
8215 Hood Bert F ⓒ △ FI 2880
8232 Vacant
8234 Lynch Evelyn C Mrs
8236 Johnson Kath Mrs △ VE 2523
8238 Kaye Clifford J △ VE 1894
SE Umatilla av intersects
8306 Hopson Oather T △ VE 1957
8324 Nelson Ralph R ⓒ △ EM 5111
8325 Crowder Geo M
Loberg Lloyd M ⓒ
8334 Jones Arth W ⓒ △ EM 4095
8335 Larrico Jos O △ FI 2160
SE Harney intersects
8403 Manfredi Peter G ⓒ
8415 Pendleton Wm L
8416 Hankey Ralph T ⓒ △ VE 6272
8424 Moser John A ⓒ
8427 Vacant
8433 Vacant
SE Sherrett intersects
8507 Pringle Lela G Mrs ⓒ
8508 Danielson Celia Mrs ⓒ
8515 Ford John L ⓒ △ FI 4057
8516 Cole Leslie W ⓒ △ EA 2693
8524 LaRue Lee L ⓒ △ VE 7852
8525 Clevenger Robt E Rev △ VE 0517
8526 No return
8534 Ream Clark D ⓒ △ EA 0509
8535 Eoff Max G ⓒ △ FI 2914
SE Clatsop intersects
8604 Beard Henry C ⓒ △ EM 5713
8605 Landsberg Minnie Mrs ⓒ △ FI 9035
8614 Madison Robt ⓒ △ VE 2446
8615 Philley Orson R ⓒ △ VE 5913
8622 Vacant
8623 McNeil John B ⓒ coml photog △ EM 8615
8624 Vacant
8633 Hiff W Arden ⓒ △ EA 9754
8634 Electric Apartments
1 Singleterry Ann Mrs
2 MacGee Margt
3 Rappe Horace L
4 Smith Laura M
5 Conklin Wilma
6 Clark Mary A Mrs
7 Maurer John
8 Vacant
9 Roley Lorene R Mrs
10 Boehm Oscar C mgr △ EM 1932
11 Davis L F
12 Ashee Beatrice
SE Marion intersects
8705 Piland Cecil O ⓒ △ EM 8528
8712 Wiggen Wm T
8714 Tomes John J △ VE 4542
8716 Jones Mitzi Mrs
8723 Piland Garvin L
8724 Campbell Fay J ⓒ △ EM 5401
8733 Marquart Raymond M
8736 Volberding Alidia △ FI 2140
SE Linn intersects
8825 U S Forest Serv (regional equip ofc and shops) △ EA 6101
8851a Moore Amanda C Mrs ⓒ △ BE 0989
8870 Harvey Minnie M Mrs ⓒ △ EA 6797

1B-6
11TH AV, SW—From 1101 W Burnside s
311 Wentworth & Irwin Inc (body shop)
Wentworth & Irwin Inc (stge)
Wentworth & Irwin Inc used cars △ BR 6331-ex 11
316 Renaud Marcelle Dance Studio △ AT 0705
Tantiesie Sylvester music tchr △ AT 0705
321 Maydor Tavern △ BR 7335
322 Treves Hotel △ BR 5591
Galup Della E Mrs ⓒ
326 Hollis Wm G tailor
332 Portland Safe Co △ BE 5885
SW Stark intersects
409 Nortonia Hotel △ BR 1181
Cogan Louis T ⓒ
Nortonia Hotel Cigar Stand
412 Vacant
416 Vacant
421 Wolverine Ins Co △ AT 6349
422 Vacant
426 Hotel Irving (side entrance)
427 Old Telgram Building
First Natl Bank of Portland (rear) △ AT 7141
528 Vacant
SW Washington intersects
Le Vi Shoppe (side entrance)
517 Morris Printing Co △ BE 0487
521 Cokesbury Book Store △ AT 8581
Methodist Publishing House △ AT 8581
527 Carlyle Hotel △ AT 8936
Giannik John G ⓒ △ BE 5004
528 Vacant
1B-7
SW Alder intersects
601 LaCantina Importers △ BR 8608
611 Coast Orthopdic Co applicances △ BR 3804
614 Columbia Athletic Club △ AT 2304
615 Beauty Products Co (dely contractor)
619 Recreation Building
Oregon Blue Shield Plan
Oregon Physicians Serv △ CA 3251
620-24 Manfield's Auction Galleries △ BR 4311
SW Morrison intersects
712 Charls & Larry Hairdressers beauty shop △ BR 0112

11TH AV, SW—Contd
714 German Ladies Relief Society △ BE 3592
Portland Liederiafel Harmonie △ BE 3592
Portland Liederiafel △ BE 3592
General German Aid Society △ BE 3592
North Pacific Saengerbund △ BE 3592
718 Karlson K E Co artificial limbs △ AT 0441
721 Murray Arth Sch of Dancing △ AT 6251
725 Berlinrs' Ins beauty shop supp △ BR 5527
726 Hotel Arthur △ BR 9798
730 Town & Country Knit yarns △ BE 0257
737 Cromwell Tailors Inc △ BE 8471
Helmer John (br) men's furngs △ BE 8471
SW Yamhill intersects
831 Haack Bros Pharmacy △ BE 1155
833 Medical Dental Building
Rooms:
205 Marxer & Clarke phys △ AT 8229
214 Haworth Isenhart Raines & Shipp phys △ BE 7138
215 Armen Geo K phys △ BE 4900
217 Hamilton John W dentist △ EE 9750
218 Buckley Jas E phys △ BE 2183
Manlove Chas H jr phys △ BE 2183
223 Myers Paul B phys △ BE 3552
227 Steffanoff Dan N phys △ BE 1055
308 Medical Dental Surgeries △ BR 1424
314 Adams John C phys △ BE 7463
Forster Donald E phys △ AT 1528
316 Nisbet Oliver M phys △ AT 1428
Tegart R Lloyd phys △ AT 3447
318 Redpath Geo W dentist △ BE 9725
321 Emery Lee E dentist △ BE 0570
Prehn Chas T dentist △ EE 0570
323 Jeffcott Ralph L dentist △ AT 5349
Jeffcott Robt L dentist △ AT 5349
329 McGuire Dental Labr △ BE 7114
406 Allergy Clinic △ AT 0155
Benson Robt L phys △ AT 0155
Perlman Frank phys △ AT 0155
409 Siehel Martin S phys △ BE 8008
410-12 Rosenblatt Millard S phys △ BR 3311
414 Gourley Maurice F phys △ BR 7544
McMahon Raymond A phys △ BR 7544
417 Zeller Werner E phys △ BE 9517
Markee R Kent phys △ BE 9517
421 Nystrom Ernest G dentist △ BE 9132
Wells Richmond dentist △ BE 9132
423 Baldwin Thos R dentist △ BE 6513
Alder Ralph J dentist △ AT 4238
425 Adix H Victor jr phys △ BR 1077
503 Manlove Chas H medical labty and phys △ BE 0917
512 Childs Robt T phys △ BE 7116
Dick Lenox H phys △ BE 7116
Kerr Moyt W phys △ BE 7116
Wise Saml H phys △ BE 7116
514 Dykman Augustus B oculist △ BE 6062
516 Keller Richd B dentist △ CA 2600
Nelson Dwaine E dentist △ CA 2600
521 Alder Bryant A dentist △ BE 1310
524 Alden Alf S dentist △ BE 4914
Osterman Alf W dentist △ BE 4914
527 Barr John R phys △ BE 7084
Roemer Thos J phys △ BE 7084
603 Ross Cecil J phys △ BE 8365
610 Diekel Herman A phys △ AT 9337
Dixon Henry H phys △ AT 9337
Shanklin Jas G phys △ AT 9337
614 Medical Dental Bldg (ofc) △ BE 1680
Foster Wm C property management △ BE 1680
616 Patton Robt W phys △ CA 3860
620 Brandon Saml A dentist △ BE 2813
Tall Ronald K dentist △ BE 1677
Zimmerman Neal L dentist △ BE 1677
625 Anderson Lloyd G dentist △ BE 3862
628 Massar J Clifton phys △ AT 4339
Ray Leon F phys △ AT 4339
702 George Chalmer L dentist △ BE 2387
Skiff Mark S dentist △ BE 6097
707 Schuler Francis B phys △ AT 4925
708 Moore Clifford H dentist △ CA 3014
Moore Harry B phys △ BE 6617
712 McGill Clinton S phys △ BE 4195
716 Boyd Adna M phys △ BE 1628
Boyd Bruce A phys △ BR 1628
Boyd Stanley A phys △ BR 1628
725 Gray Robt P dentist △ BE 9647
Wollin Chas S dentist △ BE 9647
726 Gaston Ira E phys △ BE 3001
728 Tegea Laura R dentist △ AT 5783
729 Dulin Thos S jr dentist △ BE 4402
801 Nudelman Phillip L phys △ CA 5818
804 Lucas Harold R phys △ BE 4694
Ten Eyck T Glenn phys △ BE 4694
805 Goldsmith Herbert E phys △ BE 3443
808 Martzloff Karl H phys △ BE 3386
812 Klein Paul E dentist △ AT 0482
814 Fixott Henry C dentist △ AT 1242
Fixott Henry C jr dentist and dental radiologist △ AT 1242
816 Gambee Edwin E phys △ CA 1615
Gambee Louis P phys △ CA 1615
Garnjohn Wm phys △ CA 1615
Hardwick Clifford E phys △ CA 1615

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12TH AV, NE—Contd 144

NE Prescott intersects

4514 Sheeley Raymond L ⓖ
Δ GA 2550
4515 O'Donnell Chas F ⓖ Δ TU 4775
4524 Rasmussen Wm C Δ TR 3304
4534 Feuerstein Harry J ⓖ Δ TR 4121
4537 Pongracz-Barta Geo Δ TR 1318
4542 Borigo Gertrude D Mrs ⓚ
Δ WE 5406

NE Going intersects

4621 Teel Howard ⓖ Δ TR 9222
4704 Vacant
4715 Miller Geo J ⓖ Δ GA 9298
4716 Dietrich John ⓖ Δ GA 1023
4724 Conner John F ⓖ Δ MU 7176

NE Wygant intersects

4801 Johnson Minnie Mrs ⓚ
Δ GA 8798
4808 Wick Ernest R ⓖ Δ GA 1454
4815 Martenson Nels ⓖ Δ GA 3854
4822 Dillon Donald L ⓖ Δ MU 8959
4823 Austin Ada R Mrs ⓚ
4831 Chapman Nellie C Mrs ⓚ
4832 Marsh Raleigh G ⓖ Δ TU 3432
4840 Imbeff Clifford C ⓖ
4848 Naylor S Herman ⓖ Δ GA 1711
4849 Vacant
4903 McLaughlin Mary M Mrs ⓚ
4904 Aday Darel W ⓒ Δ MU 4686
Aday's Rock Supply Δ MU 4668
4911 Carter Ellen M Mrs ⓚ
Δ MU 2923
4921 Shevland Chas W Δ GA 0321
4926 Cole Gene L Δ TR 2928
4931 Ulven Ree P Mrs ⓖ Δ GA 2023
4937 Douglass Russell E ⓖ Δ GA 8189

NE Alberta intersects

5017 Degen Paul F ⓖ
5020 Litsas Jas N ⓖ Δ GA 6663
5026 Taylor Paul Δ MU 7930
5027 Fritzler Raymond J ⓖ Δ MU 8483
5035 Loos Mary Mrs ⓚ
5036 Fellow Harry M ⓖ Δ GA 8972
5043 Meyers Ben ⓖ Δ MU 2314

150

NE Webster intersects

5302 Peterson Harry W Δ MU 5173
5312 Brown Merrin J ⓖ Δ GA 0101
5323 McMahon Arth B ⓖ Δ TR 6897
5324 Clayton Roy S ⓖ Δ TR 9747

NE Emerson intersects

5403 Saboski John J ⓖ Δ GA 0617
5408 Yonkers Conrad ⓖ Δ TR 8701
5420 Nelson Helen Mrs Δ MU 2895
5430 Gilmore Jas O ⓖ Δ MU 8617

NE Killingsworth intersects

5514 Mayer Thos W ⓖ Δ TR 0015
5524 Widen Raymond F ⓖ Δ WE 1365
5525 Feilen John T ⓖ Δ TU 4883

NE Church intersects

5605 Wester Arth E ⓖ Δ GA 4418
5614 Schneller Walter R
5615 Wolfe Carol F Δ MU 6367
5624 Ussilman Anton F ⓖ Δ GA 6774
5625 Anderson John T ⓖ Δ MU 7965
5634 McGinnis Hugh E ⓖ Δ TU 4036
5635 Kurtz Mildred W Mrs ⓚ
Δ TR 2316
5702 Hall Carl W Δ GA 4650
5707 Curtis Chas C ⓖ Δ WE 4345
5715 Underwood Donald P Δ WE 2591
5723 Saelens Marion F ⓖ Δ WE 1939
5724 Yowell Henry T ⓖ Δ WE 4672
5733 Miller Grayland D ⓖ Δ MU 3262
5734 Anderson Hedwig E ⓚ
Δ TR 1324

NE Jarrett intersects

5815 Sloan Stewart S ⓖ Δ WE 0353
5823 Morris Hugh W ⓖ Δ WE 1510
5824 Resler Donald E ⓒ Δ GA 8887
5832 Adams Pauline Mrs ⓚ
Δ MU 3571
5835 Vacant
5834 Studholme Geo E ⓖ
5844 McNamara Lee F ⓖ Δ WE 8540
5901 Williamson Frank ⓖ Δ GA 9175
5910 Koenig Walter ⓖ Δ WE 5613
5917 Dolman Mallon W ⓖ Δ WE 5779
5920 McLain Chas S ⓖ Δ MU 0988
5925 Bevans Alpha F ⓖ Δ WE 1834
5928 Walker Clyde V ⓖ Δ GA 0981
5931 Allen Eva N Mrs ⓚ Δ MU 6675

168

NE Ainsworth intersects

6025 Allen Robt J Rev ⓖ Δ TU 4259
6026 Buick Howard H ⓖ Δ TR 4847
6034 Carter Earl S ⓖ
6101 Klein Jack ⓖ Δ WE 1289
6102 Phillips Garland D ⓖ Δ GA 0562
6117 Schoenheinz Nicholas ⓖ
Δ MU 0864
7126 Schofding Ella B Mrs ⓚ
Δ MU 5767
6127 Howell Chas W ⓖ Δ TR 1396
6204 Hanggi Raymond A ⓖ
Δ GA 2341
6207 Lyon Earl B ⓖ Δ WE 6896
6214 Brandt Benj ⓖ Δ WE 0369
6217 Farmer Martha E Mrs ⓚ
6224 Vetere Jos G ⓖ Δ WE 2097
6225 Haddock Frank F ⓖ Δ TR 0804
6233 Hansen Frieda F Mrs ⓚ
Δ TU 1753
6234 Workman Abram O ⓖ Δ WE 1585

174

NE Holman intersects
Unopened to NE Buffalo
NE Buffalo intersects

7232 Mindolorich Jerry ⓖ Δ TW 3080
7244 Bettendorf John J ⓖ Δ TW 3002
7252 Milbrandt Wilbert W ⓖ
Δ TW 4204

NE Holland intersects

7

12TH AV, NW — From 1201 W Burnside n

NW Couch intersects

101 Blitz-Weinhard Co (whse)
190 Blitz Weinhard Co (garage)
Δ BR 3616 ex 50

NW Davis intersects
NW Everett intersects

305 Beavers State Distr Co whol beer Δ CA 4342
Commerce Coffee Co Inc
Δ BE 2028
Robert's House of Wines whol
Δ BR 4224
312 Taylor Chas F
316 Jobbers Serv whol auto parts
Rolandet Piet V D mfrs agt
Δ BR 3042
Snow Sls Co mfrs agt Δ BR 1005
Vanderbelt King mfrs agt
Δ BR 1005
323 Northwest Trading Co importers
Δ AT 2002
339 Industrial Products Co rubber hose Δ AT 1677
340 Brugh Lanier gas sta
351 Acme Rubber Mfg Co Δ CA 9905
Automotive Distributing Co (whse)
Perfection Gear Co mfrs agt
Δ CA 9905
Rice Bros whol auto sups
Δ CA 9905
United Engine & Mach Co
Δ CA 9905-6

NW Flanders intersects

408 Florence Distributing Co teler sets sls & serv Δ CA 9379
408 Colonial Warehouse & Transfer Co whse
425 Pacific Power & Light Co (storage yd)

NW Glisan intersects

512 Vacant
516 Loomis Printing Co Δ BR 1343
520-22 Clarke Publishing Co
Δ CA 9491
Clarke Leslie F & Co printers
Δ CA 9491
528 Vacant

13

NW Hoyt intersects
NW Irving intersects
NW Johnson intersects

815 Westinghouse Elec Supply Co
Δ CA 9851

NW Kearney intersects

905 Connelly F B Co of Oregon whol hsehold furngs
Δ CA 1755
935 Alsop Fred E Co mfrs agt
Δ CA 7271
Cullison P G mfrs agts
Δ CA 7271
American Cyanamid Co (dyestuff dept) Δ AT 2250
Carlson Fred W mfrs agts
Δ AT 3798
Hills Bros Coffee Inc Δ CA 1017
Northwest Steel Co Inc Δ CA 4314
Reynolds Mtls Co bldg matls div Δ AT 9474
Reynolds Metals Co industrial sls div Δ AT 9474

NW Lovejoy intersects

15

NW Marshall intersects
NW Northrup intersects

1233 Wilhelm Rudie Warehouse Building Δ BR 0561

Rooms:
101 Vacant
102 Lindsay D E Co television equip Δ BE 7443 BE 5870
201 Wilhelm Rudie Warehouse Co Inc ofc Δ BR 0561
205 Garland-Affolter Engineering Corp mfrs agts Δ CA 5052
207 Vacant
208 Stone Norris B mfrs agts
BR 7200
209 Younger W H Co flour dlrs
Δ AT 2919
210 Pierce & Co carpets Δ CA 6138
211 Russell Brokerage Co food brokers Δ BR 4669
213 Lorillard P Co cigarette mfrs
Δ AT 4677
214 Bach Pete Elec Co mfrs agt
Δ BR 2173
220 Corn Products Sales Co
Δ AT 9241

NW Overton intersects

1331 Wilhelm Rudie Warehouse Co (whse)

180

12TH AV, SE—From 1201 E Burnside s

SE Ankeny intersects

101 Foote John H Δ EM 6709
113 Krcmka Thos A ⓖ Δ EA 5201
114 Retelsdorf Otto J Δ EA 0659
119 Vacant
121 Duncan Dorothy B Mrs
127 Bothun Louis H ⓖ Δ EM 3040
Corey Robt H Δ VE 7290
Sather Harold G Δ VE 7290
128 Dunn Robt R
Gunter Paul
129 Vacant
134 Koontz Geo M ⓖ Δ EA 5518
135 Edwards Marcus D ⓖ Δ EA 7627

SE Ash intersects

201 Gottsacker Gro Δ VE 9205
211 Arthur Boyd G
Hardwick Archie
Weston Goldie Mrs Δ EM 4804
212 Marks Cora B Mrs Δ EA 7920
213 Baessler & Durant Improving Co roofers Δ FI 2723
218 Green David
225 Clyde Ralph B
Biedel A A
Pouppirt Leo E Δ EA 8547
229 Henry Clara Mrs
234 Chamberlin Russ Co whol industrial sups Δ EA 7124

SE Pine intersects

sw cor St Francis of Assisi Catholic Church
306 Bramwell Construction Co bldg contrs Δ FI 5000
310 Nalley's Inc food products
Δ EM 9993

SE Oak intersects

400 Vacant
410 Blow Harold N
Christensen Robt F Δ EA 0661
Goodman Ross Δ VE 3539
Negrevel Margt R
416 Cowls John H ⓖ Δ FI 2320
418 Farnsworth Luman J Δ EA 6965
436 Security Signs Inc mfrs
Δ EA 4172

SE Stark intersects

503 Todd Apartments
1 Dye Clyde
2 Deverall Harry R Δ FI 1428
3 Bryan Raymond S Δ VE 0821
4 Russell Ruth
5 Babcock Mollie Mrs Δ FI 4611
6 Vacant
7 Heusser Willie
Heusser Dorothy M Mrs mgr
8 Huber John
9 Foust Louise L Mrs Δ VE 0957
10 Oliver Sam L Δ EA 5044
11 Westrum Reuben
12 Strahlmann Julia Mrs
14 Correa Stella A Mrs
15 Eastergreen Leona
16 Schelm Edna
513 Martinez Jose V ⓖ
525 Baxter Chas T
535 Turley Lloyd F Δ EA 4863

SE Washington intersects

603 Stoppeleamp Margt A Mrs ⓚ
Δ EM 8253
611 Anderson Dean H Δ VE 1055
617 Gwynn Anna M ⓖ Δ EM 3263
623 Collins Lewis H ⓖ Δ EA 3719
635 Lee Ronald
637 Hamlin Orville C ⓖ Δ EA 3693

SE Alder intersects

704 Stuart Mary Apartments
bsmt Johnson Lyle D mgr
Δ VE 2974
1 Vacant
2 Gerrahan Benj jM
3 Hale Betty Mrs Δ VE 3377
4 Feely Dorothy Mrs Δ FI 6804
707 O'Neil Eva G Mrs ⓖ music tchr
Δ EA 2640
717 Herren Virdie G Mrs ⓚ
Δ EM 2703

232

SE Morrison intersects

807 Pioneer Patteries Δ EA 1602
817 Patterson Thos
Redman Edw L ⓖ Δ EA 8221
Springer Stuart I
821 Vacant
823 Vacant
830 East Side Baptist Ch Δ EA 1411

SE Belmont intersects

914 Stamps Jas M ⓖ Δ EA 4332
932 Blackwell Thos
Lloyd Hulda Δ FI 6188
Rogers Amelia
924 Chastian Marcia Δ EM 1509
943 Steadman Ramone

SE Yamhill intersects

1000 Brown J E Co pntrs Δ VE 6104
1007 Candelier Shop The antiques
Δ EA 6654
Thompson R Louise ⓖ Δ EA 6654
Thompson Virginia A ⓖ
1015 Mougey Alvin B ⓖ Δ VE 4764
Howard Bert
1016 Vacant
1024 Mayton Esther
Sweitzer Allen
Woo Wong Harry Δ EM 1673
1025 Apartments
1 Reeves J Wendel
2 Bentley Chas
3 Vacant
4 Dickinson Wm
5 Hall Edna Mae O
6 Vacant
1028 Twelfth Avenue Grocery
Δ FI 7676
1032 Baupe Delmer A Δ EM 4363
1035 Mission Rose Apartments
Swoboda Mary F Mrs mgr
1 Warren Iva
2 Oyen Trygve
3 Anderson Betty Jo
4 Olsen Florence Δ EA 8275
6 Tolley Ray
5 Martin Phyllis J Δ EA 0935
7 Baker Geo S
8 Dimit Margt A Δ FI 2515
9 Wells Bonita L Δ FI 2878
10 Swoboda Raymond E 8636
11 Green Jack
12 Welch Harvey R
13 Kicklider Kay Mrs
14-15 Vacant
16 Cooper Jas L Δ EA 1635
17 Williams Walker R E Mrs
Δ EM 2664
18 Miller Mata
19 Green Annie L
20 Montgomery Riley O
21 Schlies Mary J Mrs Δ EM 5901
1036 Vosper Chas H jrl Δ FI 8833

SE Taylor intersects

1101 Merchants Paper Co Δ VE 2171
1106 Portland Latter Rain Tabernacle
1114 Apartments
1 Vacant
2 Nilsen Nils M
3 Schulden Ray
4 Zacher Joe
5 Vacant
6 Walker Calvert H
7 Nance Ella Mrs
1239 Western Fabricators Inc
Δ FI 9791
1240 Columbia Equip Co logging mach
Δ EA 7148

SE Main intersects

1313 Dairy Cooperative Assn
Δ VE 4181
1340 Bechtold's Good Food restr
Δ VE 9837

SE Madison intersects

1406 Henry's Auto & Truck Serv
Δ EM 5514
1424 Tow Leonard Motor Block Wldg
Δ EA 3898

SE Hawthorne blvd intersects

12TH AV, SE—Contd 240

SE Clay intersects

1603 Creighton Maude Mrs
Δ VE 7025
1605 Prue Eliz Δ FI 5876
1607 Cummings Carol Δ VE 5983
1609 Dailey Bernice Mrs
1615 Larry & Chuck's Htg Serv
Δ EA 5747
1617 Vacant
1621 Kirby Jas
1629 Lee Yem ⓖ Δ VE 2880
1631 Preston Fay
1635 Peace Dwight H
1638 Mulberry Apartments
2 Ford J Kermit mgr Δ VE 1940
12 Jones G
13 Retoune R
101 Kelly Patk T
102 Friberg Adele Mrs Δ EA 8504
103 Rusch Herman G Δ VE 5446
104 Kaerney Martin Δ EA 2286
105 Preston Anne
106 Erickson Agnes I Mrs
Δ VE 6485
107 Grant H L
108 Tegart Edith Ms Δ VE 5154
109 McGrew Ella Δ EA 2049
110 Fritz Rose
111 McKinley P L Mrs
112 Snyder Essie Mrs Δ EA 9937
113 Rush Ruby
201 Yoakley Grace A Δ EM 4694
202 Cawley Alice M Mrs Δ EA 6054
203 Pauli Cora A Δ EA 5824
204 Kay Gladys Mrs
205 Fitzsimonds Margt M Mrs
Δ EA 5453
206 Prince Agnes
207 Braun Geo M Δ FI 3850
208 English John R
209 Lindle Ann Δ VE 7327
210 Schmick John Δ EM 9087
211 Selbel Doris R Mrs Δ FI 7748
212 Stenger Frank B Δ EA 8632
213 Maxwell A E
1639 Vacant

SE Mulberry av intersects

1709 Woo Gene
1711 Apartments
Continental Car-Na-Var Corp
Δ VE 5446
bsmt New Life Clns
A Chin Geno Δ EM 1238
B Quan Ray Δ VE 6798
C Fitzgerald Dave E Δ EA 4992
D Lee Hoy Kee ⓖ Δ EM 8044
1717 Hoey Frank Δ EM 2033
1719 Pedersen Othelia Mrs Δ VE 5639
1720-30 Embody Gro & Market
Δ VE 9818
1723 Woodward Lester B
1725 Yee Carl Δ EM 7560
1729 Johnson Melvin E ⓖ Δ EA 0648
Quinn Geo
1734 Miller Fred R Plumbing Shop
Δ EA 1328
rear Miller Fred R
1738 Tom's Tavern Δ VE 9968
1742 Six Nineteen Cafe
1748 Fitterer Steve ⓖ Δ VE 5292
Henderson Oscar Δ ME 3577
Norris Jack
Wood Richd E

SE Mill intersects

1802-06 Charlotte Court Apartments
1 Corrigan Edw J ⓖ Δ EM 8084
3 Forbes Fred V ⓖ Δ EM 9440
5 Zeller Georgia M Mrs ⓚ
Δ EA 2388
1806
2 Fox Ferris R ⓖ Δ FI 1840
4 Murray Leona ⓖ Δ EA 1571
6 Hall Gladys G ⓚ
1809 Neilsen Lea V Δ EM 0520
Worthington Chas T
1816 Lenos Dan J ⓖ Δ EA 5278
1817 James Maxine Δ EA 3546
1825 Apartments
1 Algar Raymond S
2 Armeter R N
3 Buffington Pearl Mrs
Δ EA 3939
4 Blevins Bruce
5 Caicia Chas
1834 Epps Harry Δ EM 8166
1844 Britton Lansing W ⓖ Δ EA 3087

SE Stephens intersects

1902 Yardley Freeman A ⓖ
Δ FI 2586
1903 Lake John G ⓖ Δ FI 1771
1912 Koenigshofer Matilda Mrs
Δ VE 6268
1915 Lee Steph M S Rev Δ EM 6953
1918 Nelson Wm H Δ EA 7065
1924 Bashaw Wendell L ⓖ Δ EA 8288
1926 Andrews Oscar H ⓖ Δ EA 9292
1933 Moran's Thifty Serv Sta gas sta
Δ VE 9300

SE Harrison intersects

2011 Ogle Claude ⓚ
2014 Maria Apartments Δ FI 3246
A Granum Clarence W Δ FI 3246
B Parker Glenn
201 Stone Herbert Δ VE 6983
202 Vacant
203 Sagen Ruth M Δ EA 5234
204 Garbarino John
205 Lamkin Milgon O Δ EA 8495
206 Hamlin Alvin M jrl
207 Lonehan Wm E
208 Wills Paula Mrs
301 Doherty Ernest Δ FI 8580
302 Thorson D ⓖ Δ EA 9529
303 Klein Clarence
304 Anderson Wilhelm A Δ EA 0410
305 Ryden Kenneth
306 Vacant
307 Stoll B T Δ VE 7934
308 Cameron Hugh Δ E 3879
2019 Benjamin Harley A ⓖ vending machs Δ EA 9436
2021 Gussiek Wm M
Tolbert Jesse E ⓖ Δ EM 0495
2028 Thornton Hilda Mrs ⓚ
Δ EA 6776
2038 Milllli Guillo ⓖ Δ EM 3651

13TH AVE SE 1955

13TH AV, NE—Contd
6547 Portland Lawn Mower Serv Δ MU 1783
Wheeler Clarence W ◎ Δ MU 183
NE Bellevue intersects
NE Morton intersects
NE Liberty intersects
NE Lenore intersects
NE Junior intersects
6717 Hopper John W ◎ Δ MU 1426
6720 Oldenstadt Anna ◎
6810 Kubik Helen R Mrs
6813 Jones Geo H Δ TW 8070
6818 Sutherland Ethel M Mrs Δ TU 0465
NE Dekum intersects
174
NE Saratoga intersects
NE Morse intersects
N EWinona intersects
6918 Ulibarri Manuel A ◎ Δ TW 7104
6932 Vacant
6941 Allman Sylvanus C ◎ Δ TW 5137
7020 Salagyarda Anton ◎ Δ TW 2802
7038 Rahkola Eric W ◎ Δ TW 0092
NW Woodlawn intersects
NE Morgan intersects
7106 Nord Chas A ◎ Δ TW 5188
7132 Jones John E Δ TW 3724
NE Buffalo intersects
7207 Topich Tomika Mrs ◎
7224 White Perry V ◎ Δ UK 2813
7225 Jensen Clarence M ◎ Δ UK 2676
7243 Wilson Otis E ◎ Δ WE 3770
NE Holland intersects
NE Stafford intersects
UP tracks intersect
NE Lombard intersects
NE Russett intersects
NE Columbia blvd intersects
7515 NW Protective Coatings Inc paint Δ UK 1710

7

13TH AV, NW—From 1301 W Burnside n
NW Couch intersects
NW Davis intersects
202 Northwestern Ice & Cold Storage Co (br) Δ FI 9511
225 Olsen Roe Transfer Co (Whse No 2) Δ CA 3000
NW Everett intersects
300 Plancich Fish Co Δ BR 6416
NW Flanders intersects
401 Beaver State Meat Co whol Δ CA 1635
NW Glisan intersects
13
NW Hoyt intersects
NW Irving intersects
NW Johnson intersects
815 Vacant
401 Beaver State Meat Co whol Δ BR 0306
NW Kearney intersects
15
NW Lovejoy intersects
1039 Wilbur-Ellis Co fertilizer mfrs Δ AT 1821
33
NW Marshall intersects
NW Northrup intersects
1635 SP&SRy yd ofc
1705 SP&SRy (mtce section)

180

13TH AV, SE—From 1301 E Burnside s
24 McFarland Maude N Mrs Δ EA 2307
SE Ankeny intersects
121 Brown Walter L Δ EA 6783
Offill Walter C
124-36 **Howard Apartments**
124 Apartments:
A McCarl Fred S Δ VE 2302
B Borcherding John C Δ VE 2307
C Poole Neado W
D Nobel Ruth Δ VE 4672
E Foosbee Jay G Δ EA 7253
F Fretland Meno F Δ ME 3444
136 Apartments:
A Tipton Elmer M Δ VE 3216
B Schnapp Ruth E
C Jump Harry D Δ FI 1420
D Noble Ruth E Δ VE 4672
E Miller Lois M Mrs Δ EA 2448
F Steen Oscar L C ◎ Δ EA 2753
215 LeMiller Christine ◎ Δ EA 7979
216 Simkins Delbert L ◎ Δ VE 1369
218 Vacant
224 Morelli Mary A
225 Searle Rudolph H ◎ Δ VE 6308
226 Banfield Alice M ◎ Δ EA 2927
239 Scalf Donald D Δ EM 6809
SE Pine intersects
314 Kroner Ernest ◎ Δ EA 3383
315 Cleland Clyde E ◎ Δ EA 9401
324 McChesney Etta Mrs ◎ Δ EA 5240
325 Thompson Gerald D
325½ Shank Davis L ◎
SE Oak intersects
419 Northwest Paper Box Mfrs Δ EA 2432
423 Bent & Gynther printing equip reprs Δ VE 1237
SE Stark intersects
232
Unopened to SE Morrison
812 A & A Cigarette Venders Δ FI 6969
822 Organ Stella P Mrs ◎
823 Rex Arms Gro Δ VE 9376
SE Belmont intersects
900 Podemsky Max ◎ Δ EA 4204
904 Blackwell Winthrop Δ EA 0898
915 Dahl Tallak H ◎
916 Sundbom Leonard F ◎ Δ FI 1943
923 **Apartments**
1 Hulburt Jessie M Mrs Δ EM 4261
2 Ohlson Irene Mrs Δ VE 1779
3 Engstrom Ellen Mrs
4 Girvan LaVerne Δ VE 1586
5 Higgins Fred
6 Brenaman Ruby
924 Weir Harold ◎ Δ VE 0853
SE Yamhill intersects
1013 Korn Leon L ◎ Δ EM 3766
1016 Price Jas F ◎ Δ VE 5829
1030 Talbitzer John H Δ EA 5854
1032 Watson Sarah E Mrs Δ FI 2754
1034 Marvin Maybelle Mrs Δ EA 9275
1036 Brunton Bethel B Mrs Δ VE 6510
SE Taylor intersects
1106 **Claire Apartments**
Lewis Ruth Mrs mgr
1 Schagel Linnie M Mrs Δ EA 0968
2 Lewis Allen L Δ VE 6067
10 Ricci Jos Δ VE 6391
11 Deboe Ruth Δ VE 0422
12 Leigh Jerry Δ FI 4119
14 Tompte Clara E Mrs Δ EA 8950
15 Curtis Edith W Δ EM 0286
16 Willson Laura
20 Wilson Marion I Δ EA 5555
21 Culbertson Obie Mrs Δ VE 7746
22 Worden Bertha Mrs Δ EM 8838
24 Swanson Elmer Δ EA 7791
25 Vacant
26 Seeley Farrell
30 Bebee Chas N Δ EA 4649
31 Gimarelli Jas
32 Campian Maud Mrs Δ EA 3961
34 Leider Paul M jr
35 Lamb Wm
36 Brown Delora
SE Salmon intersects
1223 Mayfield Marvin A ◎ Δ EA 8458
SE Main intersects
1303 Vacant
1315 **Apartments**
A Mellus Mary Ann E Δ EM 0903
B Vacant
C Bousha Mearle E Δ EM 1056
D Lakemeyer Myrtle C Δ EM 3983
SE Madison intersects
1424 OK Rubber Wldrs Whse ΔFI 7587
SE Hawthorne blvd intersects
244
Unopened to SE Division
2508 DeTemple Sylvia D ◎ Δ EA 1514
2513 Cohn Jos Δ VE 7291
2514 Brockhaus Bertha A Δ EA 9631
2518 Ferguson Wm M Δ EM 1796
2519 Castillo Manuel Δ FI 6092
2524 Peterson Anton T ◎
2525 Harbaugh Washington E ◎ Δ EM 3301
2534 Vacant
2537 Judy Robt J Δ FI 2141
SE Ivon intersects
2605 Kuhnhausen Wm O Δ EA 7710
2615 Mosey Edw F Δ VE 6938
SE Clinton intersects
274
Unopened to SE Powell blvd
3205 Jackson Chas A ◎Δ EM 9086
3215 Bartholome Bernard J ◎ Δ VE 0305
3216 Streimer Jos F ◎ EA 0656
3223 Black J Percy ◎ Δ EA 1945
3226 Capri Raulin S
3234 Hodges Hannah D Mrs ◎ Δ EM 8997
3237 Franceschini Amilia Mrs ◎
SE Franklin intersects
3305 Giusti Lorenzo ◎ Δ EA 4446
3316 Martini Mario J ◎ Δ EM 6215
3324 Hambleton Jas C Δ EM 1079
3325 Ciccozzi Nazareno S ◎ Δ VE 5512
SE Pershing intersects
3434 Quilici Chas V Δ EM 3189
3352 Kasner Wm W ◎ Δ VE 3757
3353 Leonard Spencer ◎ Δ EM 0523
3356 Lindenthal Paul J ◎ Δ VE 6156
3362 Vacant
3364 Mullens Jas V Orwick Jas R Δ FI 3078
3367 Schneider Ed R ◎ Δ EM 8810
3372 Becker Ervin J ◎ Δ VE 7020
3373 Lee Eug E Δ VE 5302
3383 Deering Lois A Mrs Δ FI 4946
SE Haig intersects
3405 Reisz Michl P ◎ Δ EM 3307
3411 Splawn Adeline H Mrs ◎ Δ EM 7982
3414 Caddy Gurney C ◎ Δ EM 6762
3417 Bouchard Eug ◎ Δ VE 7041
3423 Fleshner Ed Kubil Fred R ◎ Δ FI 2228
3424 Brinati Umberto ◎ Δ VE 0637
3434 Quilici Chas V Δ EM 3189
SE Rhine intersects
3502 Richey David M ◎ Δ EM 9086
3505 White Robt S ◎ Δ VE 6048
3518 Dickerson Jos ◎ Δ EA 6325
3523 No return
3524 Sato Kayo Mrs Δ FI 4913
SE Lafayette intersects
3601 Henigin John H ◎ Δ EM 0517
3604 Weissenbuehler Albert F ◎ Δ VE 0340
3611 Verdon Bridget A Mrs ◎ Δ EM 3332
3614 Dahlgren Theo P ◎ Δ VE 4244
Falmo Clarence O
3622 Brown Wm S Δ FI 9459
3624 Correll Wm R ◎ Δ EM 8096
3625 Buson Eliz P Mrs ◎ Δ EM 3374
3628 Woolsey Lonzo ◎ Δ EA 6252
3640 Hansen Doris M Mrs Δ EA 0949
SE Rhone intersects
3704 Jensen Anna M Mrs ◎ Δ EM 7631
3705 Munter Archie M ◎ Δ EM 5309
3706 Walker Anne Mrs Δ FI 1913
3716 Donkers Grover A ◎ Δ EM 3452
3723 Reznick Walter A Δ FI 1919
3734 Jackson Jos F Δ EA 5678
Streimer John P
VanLoo Ellen Mrs ◎
SE Bush intersects
3803 Wells Fred O
3804 VanLoo Jos A ◎
3818 Powell Owen F ◎
3828 Howland Grace M Mrs ◎ Δ EM 0985
3838 Shackelford Clarence T ◎ Δ VE 6815
3848 Peragine Tony J ◎ Δ FI 2338
3904 Sites Myron I ◎
3914 Tunnell Fred C Δ EM 6364
3924 Ogden Arth B ◎ Δ EM 2807
3932 Baker J Ralph Δ VE 6906
SE Center intersects
278
Unopened to SE Long
Unopened to SE Martin
6106 Ward Thos Z ◎ Δ EM 6526
6129 Corenbaum John A Δ EA 1747
6138 Brautlacht Wm J ◎ Δ FI 6768
6139 Hall Norman C ◎ Δ EA 2963
SE Caritoon intersects
6209 Staats Harold E ◎ Δ VE 4662
328
SE Henry intersects
6309 Pawson Carroll A ◎ Δ VE 6147
Unopened to SE Bybee blvd
7108 Thomas Donald B ◎ Δ EA 0554
7030 Blantz Clement H ◎ Δ EM 5261
7060 Smith Curtis C ◎ Δ EM 0179
SE Rural intersects
7104 Diercks Sena K ◎ Δ EM 8915
7114 Johnson Ross M ◎ Δ EM 3556
7126 Sigrist Oscar ◎ greenhouse contr Δ VE 2337
7138 Shankle Odell C ◎ Δ FI 4125
7152 Eckley Jos T ◎ Δ EA 3604
7124 Black Harry W ◎ Δ EM 4233
7215 Moreland Medical Center Δ EM 4189
Johnson Geo Δ EM 4189
McCleary C J phys Δ EM 4189
Remus Lawrence W dentist Δ EA 7576
Cavanaugh Wm W phys Δ EM 4189
7230 Waldele Frank A ◎ Δ EM 4013
SE Sellwood blvd ends
SE Knapp begins
7306 Sconce Ralph W ◎ Δ EM 6703
7315 Isaac Ralph W phys Δ EM 4133
7316 Quick Lyle D ◎ Δ EM 1802
7406 VanSingle Menzo ◎ Δ EM 4322
7409 Wilson Harold R ◎ Δ EA 4444
7414 Cornwall Robt A ◎ Δ EM 4228
7419 Vacant
SE Floyd intersects
7504 Wells Howard B ◎ Δ EM 1436
7509 Stewart Walter F ◎ Δ VE 0252
7514 DeVeny Bessie B Mrs ◎ Δ EM 4815
7519 Blantz Roland R ◎ Δ EA 9249
7524 Martin Lester E ◎ Δ EM 3995
7536 Elwood Jack C ◎
7539 Burgett V Norman ◎ Δ VE 1826
SE Rex intersects
7604 Spencer Geo W ◎ Δ EM 4056
7614 Spoke Norman F ◎ Δ EA 7862
7615 Krieger Ruth F Mrs Δ VE 5759
7617 May Lorene P Mrs Δ EA 0623
7624 Thornwall Eliz M Mrs ◎ Δ EM 1625
7629 Hays Edw F ◎ Δ EA 0958
7634 Newton Gerald A ◎ Δ EA 3229
7637 Minkler Geo N ◎ Δ EA 3989
SE Malden intersects
7704 Ladenburger Howard L ◎ Δ EM 9697
7730-32 Peccia & Carnese Upholstering Δ VE 2348
7733 Western Pine Assn research laby Δ EA 5872
7738 Sel-Mor Ice Cream restr Δ VE 9431
7742 Peccia & Carnese Upholstering (display rm)
330
SE Lambert intersects
7805 Robinson John L ◎ Δ FI 1494
7814 Wheeler Clyde J ◎ Δ VE 5568
7815 Millican Wm b 0 3 ve 2819
7824 Wolf John ◎
7828 Anderon Albert H Δ EM 4631
7834 Barbara's Beauty Salon ◎ Δ VE 9753
7836 Williams Barbara Mrs ◎
SE Bidwell intersects
7850 Vacant
7858 Carver Gwendolyn Mrs ◎ Δ EA 3338
7875-81 Wall F H Hdw Δ EM 5907
7884 Pacific Plating Wks Δ EM 1065
SE Lexington intersects
7901 Sellwood Gro Δ EM 4414
7904 McAloney Gordon G Δ VE 2395
7907 Vacant
7908 Foss Merrill L ◎ Δ EA 2917
7911 Kerr Lilly B ◎
7912 Burgarsky Slavko ◎
7919 Sellwood Laundromat ◎ Δ FI 2652 Price Henry G ◎
7923 Wollos Gro Δ EM 4474
7924 Burch Sarah Mrs
7926 Farley's Gro Δ VE 9733
9727 Wollos Saml ◎
7937 Naysmith Jas O Δ EA 6483
SE Miller intersects
7953 Portland Sealed Unit Refgr Co Δ EA 0805
7956 Coffman Mary Mrs Δ EA 0912
7957-61 B V Woodworking Co cabt mkrs Δ EM 7033
7960 Andrews Margt Mrs
7965 Vacant
7969 Welch Horace H ◎ Δ VE 0410
7983 Moore Ward L
7984 Beymer Geo E ◎ Δ VE 4851
7987 Frazier Mary S
SE Nehalem intersects
8002 Katalinich Stella Mrs ◎ Stronbeck Edw B Δ EA 6220
8003 Markel Nell Mrs ◎ Δ FI 1219
8005 Poff Jas H
8011 Cochran Minnie A Mrs ◎
8012 Davenport Harley E EA 1762
8013 Johnson's Barber Shop
8015 Nell's Good As New Dress Shop Δ FI 1219

13TH AV, SE—Contd
8017 Sellwood Shoe Shop reprs Δ EM 5510
8018 Bartholomew Forrest W optom Δ EM 5616
8020 Barney's Barber Shop Δ PR 2-9977
8027 Panelcraft electronic equip & sup Δ FI 3656
8028 Dent's Dry Cln & Appl Center Δ EA 5258
8035 Gard Associated Serv Δ VE 9286
8036 North Jos Δ VE 4935
SE Spokane intersects
8050 M & S Canning Co Δ FI 8997
8051 Leipzig Tavern Δ VE 9708
SE Spokane intersects
Bates Louise M Mrs Δ VE 2730
Lewis Myrtle L Mrs Δ EM 0749
Snell Erlene Mrs Δ FI 2394
8057 Sellwood Cycle Co Δ VE 9885
8065 Brill J C Co dry gds Δ EM 4654
8071 Trimm's Jewelry Δ EA 2303
8072 New Sellwood Motor Serv gas sta Δ EM 0387
8077 Blanche's Gifts Δ EM 8186
8081 Vacant
8083 **Sellwood Bank Building**
Apartments:
1 Ward Rose
2 Ranger Victor K
3 Page Harry M phys Δ EM 4922
4 Redwing Chester M
5 Herman Harold R
8085 Vacant
332
SE Tacoma intersects
8104 Vacant
8114 Community Beauty Shop Δ VE 6350
8116 Croat Nick F barber
Goeser Bertha E Mrs
8118 Nelson Emanuel R real est Δ EM 4330
8127 Al's Trading Post used furn
8138 Sellwood Moreland Bee newspaper Δ FI 1242
8130 City View Lodge No 201 IOOF
City View Rebekah lodge No 178
8131 Byland Rubert B Δ VE 1440
8132 Shaw Chas Furn Co whse
8133-37 Rapp Alf Home Furnishings Δ VE 7117
8138 Groff Hdw Δ VE 6581
SE Tenino intersects
8203 Cozy Club Tavern Δ VE 9769
8207 Vacant
8209 **Sellwood Apartments**
Lowe Forrest A dentist Δ EM 424
1 Thompson Millard J Δ EA 1407
2 No return
3-4 Robins Del B
5 McCauley Harriette G Mrs
6 Keefe Emma A Mrs
7 Vacant
8210 Bureau of Fire-Eng Co No 20 Δ EM 5812
8215 Clemens G F
8227 Sellwood Five & Ten EA 7716
8230 Black Cat Tavern Δ VE 9856
8233 Adell's Beauty Shop Δ EA 9560
8234 Vacant
Larsen Wm C Δ VE 9856
8235 Gomez Joe G Δ EM 6457
8238 Vacant
8239 Stop-Inn Cafe
SE Umatilla intersects
8302 Sellwood Pharmacy Δ EM 5939
8308 Vacant
8309 Sellwood Barber Shop
8310 Vacant
8311 Ericson Paul Δ EM 4640
8314 Vacant
8315-17 Brewer Bill Weaving Studio Δ FI 9083
8318 Vacant
8332 Nickelsen W Donald ◎ Δ EM 4918
8333 Johnson Harry W
8335 Bailey's Buffing Works electroplating Δ E M5918
8339 Mehlig Elec Co (whse)
SE Harney intersects
8416 Barham Edwin A Δ EM 0165
8424 Wells Mary V Mrs ◎ Δ VE 6373
8425 Ford Harold D ◎ Δ EM 5582
8433 Taylor Harry P ◎ Δ EM 2825
8434 Keller Jessie M Mrs ◎ Δ EM 4592
SE Sherrett intersects
8502 McKinley Burr J ◎ Δ EM 5726
8503 Keneeally Henry J jr Δ EM 0254
8514 Hohman Don R ◎ Δ EA 9628
8525 Clark Lillian G Mrs Δ EM 8878
Orr Floyd D ◎ Δ VE 1929
8526 Bjorlund Jas D ◎ Δ EM 9325
8534 Schneider John O Δ EM 9637
8535 Bengson Raymond V ◎ Δ EA 4819
SE Clatsop intersects
8605 Wilson Lloyd F ◎ fl contr Δ VE 4733
8614 No return
8615 Groff Clayton W ◎ EM 2051
8623 Shatokin Ralph S ◎ Δ EM 2371
8624 Clifford Gro Δ VE 9568
8634 Craig Nancy B Mrs ◎ Δ FI 1149
8635 Stewart Elden L Δ EA 5475
SE Marion intersects
8704 Hansen Oscar G ◎ Δ EA 5489
8705 Precision Costports Corp die mkrs Δ FI 8435
8716 Lathrop Robt J ◎
8732 Marracci Narisco ◎
8733 Beverly Ann Cafe Δ EM 4573
8737 Miles Chas A ◎ Δ EM 4573
SE Linn intersects
8856 Portland General Elec sub sta
SE Ochoco intersects

149

13TH AV, SW — From 1301 W Burnside s
SW Stark ends
409 Vacant
410 Top Lite night club Δ AT 5883

ALDER SE 1955

of Oregon's own State-wide Bank

ALBINA AV, N—Contd
7042 Dechloff Wm J ⓓ △ WE 0238
7051 Turner Jas J ⓓ △ MU 5121
7052 Hervey Robt A ⓓ △ UK 2223
7059 Johnson Harold C ⓓ △ WE 7477
7060 Johnson Geo ⓓ △ UK 1905
N Morgan intersects
7102 Pettitzsy Fred J ⓓ △UK 2304
7107 Weber Perry F ⓓ △ TW 6761
7114 Woodward John B ⓓ △ UK 3779
7122 Kersey Roderick A ⓓ △ UK 2640
7134 Signalness Guy B ⓓ △ UK 2721
7137 Buckle John H △ UK 3379
7304 Walcholm Henry ⓓ △ UK 2402
7214 Maleta Geo V △ TW 2351
N Buffalo intersects
7224 Wiggers Jack ⓓ
7235 Vacant
7236 Maleta Alberta G ⓓ △ UK 2281
7237 Vacant
N Holland intersects
7303 O'Bray Thos C △ TW 5904
7304 Robinson Willis E △ UK 2408
7314 Esler Vern L ⓓ △ UK 3258
7315 Wilson Herbert L ⓓ △ UK 1607
7331 Johnson Vern A ⓓ △ TW 9860
7334 Ramke Fred ⓓ △ UK 3191
N Stafford intersects
7401 Blue Nook Beauty Salon △ UK 2711
Hall Claude W ⓓ △UK 2711
7404 Addis Maurice furrior ⓓ △ UK 3288
7414 Wilson Angela T Mrs ⓓ
7410 Herrick Robt F dentist △ TW 7982
7417 Vacant
7424 Shaffer Dale M ⓓ △ UK 3908
125
N Lombard intersects
7506 Vacant
7515 Stewart Jeanne H Mrs
7517 Ward Archie
7525 Bredeson Sigurd ⓓ
7530 Anderson Joanie L Mrs ⓓ △ UK 1596
7544 Roberts Leo ⓓ △ UK 1051
7549 Riekenbaker Bert F ⓓ △ UK 2820
7607 Vacant
7610 Waters John V ⓓ △ UK 3505
7619 Dinse Alf J ⓓ △ UK 1660
7623 Hays Harold R ⓓ △ TW 8111
7624 Davis Wm T ⓓ △ UK 2757
7633 Johnson Edw A ⓓ △ UK 1356
7634 Sacarison Carl J Rev ⓓ △ UK 2061
N Baldwin intersects
7658 Moore Virgil G ⓓ △ UK 2146
7665 McPortland Robt F ⓓ △ TW 4800
7666 Ryan Lloyd L ⓓ △ UK 2767
7675 Osborn Jos H ⓓ △ UK 1820
7678 Knowles Earl R ⓓ △ UK 1785
7684 Dienes Frank H ⓓ △ UK 1247
7685 Haynie Ralph L ⓓ △ TW 2704
N Farragut intersects
N Terry intersects
7716 Blomberg F Thure ⓓ △ UK 3832
7719 Rantala Arnold N ⓓ △ UK 2012
7726 Meyer Norman A ⓓ △ UK 2317
7816 Barnhart Clara G Mrs ⓓ
7823 Edwards Geo R ⓓ △ UK 2341
Crum Leroy D
7824 Fast Chas G ⓓ △ TW 2274
7834 Finnestad Alex W ⓓ △ UK 3382
N Winchell intersects
7907 Kopp Cora E Mrs ⓓ △ UK 3425
7924 Wilber Donald J ⓓ △ TW 2950
7933 Rosenau Walter J ⓓ △ UK 3300
7934 Ennis Vernon L ⓓ △ TW 7183
N Watts intersects
N Kilpatrick intersects
O-W R & N track intersects
N Halleck intersects
N Arlington rd intersects
N Columbia blvd intersects
176

ALDER, SE—From the river e, 1 n of SE Morrison
ft Nash's Martin △ VE 7575
SE Water intersects
SE 1st av intersects
SP tracks intersects-
109 Portland Seed Co △ EA 2171
110 Lilly Chas H Co The whol seeds
129 Dealers Sup Co bldg matls △ EM 1195
132 Livsley Phil A whol prod △ EA 0678
M & B Transfor Co △ EA 1163
Miers & Beckenfeld Inc cold stge △ EA 1163
Perkins E J fruit broker △ EA 1163
SE 2d av intersects
223 Baggage & Omnibus Transfer Co Inc △ EA 9161
Cellocraft Bag Co mfrs △ VE 6788
Gillespie-Petersen Brokerage Co △ EA 6108
Dellbrueck W C & Co Inc whol glass △ FI 9691
Lewis Food brokers
Fine Food Distr Co brokers △ FI 8732
Maillliard & Schmiedell food brokers & importers △ DA 8127
Sala E C Co brokers △ EA 4226
Simonix Co The brokers
United Brokers Co fruit △ EA 3103
229 Lake M V Co whol prod △ VE 4294
Mansfield Sup Co whol bakers sups △ EA 9228
231 Pioneer Fruit Distributors △ EM 1168
231½ Florida Vegetable Distrs △ EM 9833
234 Oregon Gardner's Building
Campbell Hugh B Inc fruit broker △ FI 4397
Pacific Distributing Co food products △ EM 4589
238 Pac Coast Fruit Co △ FI 0411
SE 3d av intersects
304 Mut Fruit Co whol △ EM 4156
307 Moyer Fred Inc (prod dept) △ EA 2141
321 Insured Transporters Inc △ FI 7380
Western Prod Express △ FI 9686
322 Corno & Son prod △ FI 5188
SE Union av intersects
404 Grand-Stark Clns
413 Lucille's Cafe △ VE 0026
420 Vacant
178
SE Grand av intersects
522 Merchant's Garage gas sta △ VE 9217
537 Rose A J & Son funeral dirs △ EA 0121
SE 6th av intersects
615 Eagles Building
Eagles Club △ FI 5037
East Side Comi Club △ EA 7155
East Side Comi Club Forum newspapers △ EA 7155
East Side Lions Club
618 IOOF Building
Orient Hall △ EA 0016
620 East Precinct Police Sta △ FI 4395
SE 7th av intersects
711 Dynamic TV Serv △ FI 7233
712 Northwest Elec Sup Co △ FI 5261
719 Woodmen of the World Building
Multnomah Camp No 77 △ VE 4140
Woodmen of the World Club △ VE 0073
Woodcraft of the World Life Ins
720 Tuley & Radio Sup Co whol △ EA 1104
SE 8th av intersects
801 Mitchell Lewis & Staver agri implts △ EA 4191
808 Modern Firescreens Co mfrs △ VE 0310
Portland Willamette Co firepl equip △ VE 1870
820 Rancher's Pride Foods canners △ VE 3109
830 Bruce-Emmett Co mfrs agts △ EA 8117
SE 9th av intersects
939 Dramwell Constn Co whse
180
SE 10th av intersects
SE 11th intersects
1110 Library Assn of Portland
East Portland Br △ EA 9961
1218 Haynes Lyle E △ EA 6975
Peterson Helen Mrs
1224 Smith Cora B Mrs ⓓ △ EA 5045
1226 Cronnite John ⓓ △ VE 3971
1234 Gudgel Robt H △ EA 9813
Olsen Axel E ⓓ △ VE 2759
Budahouse John
1257 Washington High Sch (gymnasium)
1300 Rose Wayne ⓓ △ VE 3621
1306 Read Dottie P Mrs ⓓ △ EA 1041
1312 Lewis Leah P △ Mrs △ EM 0317
1320 Popp Wm A △ EM 0051
1334 Vacant
SE 14th av intersects
1403 Neal Wm ⓓ △ EA 9901
1409 Palmer Larance M ⓓ △ VE 7426
1415 Dowd Cora A ⓓ △ EA 8382
1427 Ball Gertrude J Mrs ⓓ △ EA 4909
1435 Tate Eva L Mrs △ EA 1887
182
SE 15th av intersects
1507 Bentz Paul R ⓓ △ EM 0237
1516 Worrel Bert W △ EA 6676
1518 Dudley Elva N Mrs ⓓ △ FI 4156
1522 Jones Paul L
1524 Neville Walter H
1535 Stephens Homer L △ VE 7526
SE 16th av intersects
1618 Sandberg C W ⓓ △ EA 0263
1626 Apartments
1 Culver S A
2 Looker Wm F
3 Wymore Leona Mrs ⓓ △ VE 2890
4 Warren John B △ EA 8018
5 Ostor Evelyn
6 Ribble Russell
7 Pauker Betty Mrs
1714 Hanson Runamae △ VE 6923
1716 Woerner Patricia Mrs
Street continued
1718 Vacant
1720 Vacant
1722 Bendt Eunice Mrs △ VE 7765
Fredricay Ella Mrs ⓓ
1725 Bennett Wm E ⓓ △ VE 4590
1726 Winslow Jean Mrs
1728 Penwell Margt
1732 Reeder Arth J bldg contr △ EA 8392
1734 Viles Jas N △ EM 7852
1736 Roberts Eleanor J Mrs
1737 Vacant
1738 Newell Estelle J Mrs △ EA 9839
SE 18th av intersects
1804 Stevens Doll ⓓ △ VE 3020
1805 Greenfield Jas R ⓓ △ EM 8831
1806 Farrin Mario E
1815 Roberts Arth A ⓓ △ EA 7378
1816 Strange Hugh ⓓ △ EA 7472
1823 Berwick Ida A Mrs ⓓ △ EA 2704
1826 Kiesel Rose B ⓓ △ EA 4249
1833 Taylor Milton H
SE 19th av intersects
1904 Sherman Bruce E ⓓ △ VE 7863
1915 Landers Stanley A ⓓ △ EM 6592
1916 Kyllo Nellie F ⓓ △ EA 6289
1924 Apartments
1 Allen Ellis M △ VE 6033
2 Wakefield Wm △ VE 5424
3 Richardson Juanita I △ EM 1374
4 Kelly Edna Mrs △ EA 8917
5 Shaner Hal R ⓓ △ EM 6662
1928 Ketchum Cordy △ EM 3832
1930 Vacant
224
SE 20th av intersects
Unopened to SE 26th av
2022 McKee Wm L △ VE 1383
SE 27th av intersects
SE 28th av intersects
2822 Kerr Wm B △ EA 1578
SE 29th av intersects
2905 Nit Don W △ FI 8040
2909 Kimbrough June M △ EA 9806
2911 Brandenburg Geo F
2915 Vacant
2921 Apartments
1 Skaga Karsten ⓓ △ FI 3436
2 Bellam Walter S △ EM 4564
3 Schammel Edythe M Mrs △ EM 8611
4 Bryant Chas L
5 Kirchmayer Richd
6 Frey Gilbert △ FI 1377
2024 McClelland Wm A ⓓ △ EA 5545
2934 Alder Crest Apartments
1 Fry Wayne R △ FI 2571
2 Terry Stuart
3 Stephens Vernon L △ EA 2504
4 Fitzpatrick Howard J △ EA 9284
5 Rohberg Max
6 Fields Wilford △ EM 8114
7 Olson Harold O △ VE 6251
8 Wilson Richd E △ EA 7504
9 Terry Stuart
10 Nelson Verna Mrs
11 Baker Mary
12 Teeple Herman H
14 Peterson Irving H △ EM 3700
15 Smead Verne S △ EM 8227
16 Laing Jas
17 Calhoun Radcliff P
18 Hawthorne Chas
19 Pyles Betty △ EM 5094
20 Tringali Jos
21 Carlson Chas
22 Jacobsen Geo W △ FI 8744
2943 Laurelwood Apartments
Draper Irene Mrs mgr
1 McPherson Janet △ EA 5380
2 Nelson Margt Mrs
3 Terlisner Louise Mrs △ EM 4007
4 Caitlin Mary L Mrs △ EM 4634
5 Parker Ida Mrs
6 McCoy Emma Mrs
7 Draper Claud R △ FI 3193
8 Butts Donna M △ VE 0560
9 Groves Nina G △ EM 0425
10 Connely Henry △ VE 3473
11 Buchko Anne C Mrs △ EM 7873
12 Horton Wm D △ EA 2297
14 Woodman Dixie E Mrs △ EM 0875
15 Olson Elinor J Mrs △ EA 1830
16 Keever Anna Mrs
17 French Harriet R Mrs
18 Stevenson Victor I △ EA 9707
19 Snow Edna Mrs
20 Hereford Margt
21 Pangborn Inda Mrs
22 Smith Blanche J △ EA 1545
23 Vacant
24 Zurcher Irene Mrs △ FI 3501
186
SE 30th intersects
3005 Lawrence Louis C bldg contr △ EA 0212
3006 Buhrmaster Arth E △ EM 7498
3010 Gregg Harry O ⓓ △ EM 5208
3019 Herrick Geo D ⓓ △ FI 3783
3027 Bertolotto Hugh ⓓ △ EM 8239
3033 Geerligs Cornelius ⓓ
3039 Kaiser Hugo C ⓓ △ FI 4672
3051 Ramberg Alf E ⓓ △ FI 3404
SE 31st av intersects
SE 32d av intersects
3203 Elliott Olive J Mrs ⓓ △ EA 4964
3209 Meyers Sylvester ⓓ △ VE 1056
3215 Geske Wm M △ ⓓ VE 7902
3224 Fellerhard Wm C ⓓ △ EA 7284
3231 Carlson Elmer F ⓓ △ EM 9715
3236 Parks Hubert M △ EA 3250
3237 Neilson Alex G △ EM 0401
3243 Pitts Jos R ⓓ △ EA 4211
3253 Beech Steph D ⓓ △ EA 1845
Walen Agnes △ EA 7368
SE 33d av intersects
3317 Grimms Edwin T ⓓ
3323 Stinton Henry △ EM 3811
3334 Damascus Mfltr Co (refgr dept) △ EA 2131
3337 Lacy Bob L
SE 34th av intersects
3422 Merry Earl A ⓓ △ EA 9009
3423 Willing Chas S ⓓ △ EM 8329
3435 Burglund E E ⓓ EA 2225
3440 Little Burner Serv Co oil burners △ EA 9135
3443 Machlan Paul A ⓓ △ EM 7609
3449 Cook Marion M △ VE 6057
3450 Sypher Speciality Co furn mfrs △ EA 3686
SE 35th av intersects
3504 Schlichenmeyer Fred ⓓ △ VE 6021
3510 Weber Warren C △ EA 8275
3511 Jourdan Edith M Mrs ⓓ △ EA 2023
3516 Jones Ella A Mrs ⓓ △ EA 8807
3517 Lupher Geo E ⓓ △ 8313
3525 Altig Geo E ⓓ △ EA 5098
3528 Kerr Fred F ⓓ △ VE 5553
3535 Smith Otis S ⓓ △ EA 1406
3536 Miller Gayle T ⓓ △ EM 6227
3545 Banta Wm J △ EA 8404
3548 Gudgel Glyndon Mrs ⓓ
3553 Brown Francis L ⓓ △ VE 5931
3554 Rasmussen Petrus C ⓓ △ EA 6017
3555 Lamphere Robt
SE 36th av intersects
3602 Wertheimer Jos △ ⓓ EA 3858
3603 Nelson Wm G ⓓ △ FI 1508
Tate John H
3612 Jordan Rose A Mrs ⓓ △ FI 1743
3615 Lembkie Forest L ⓓ △ EA 3405
3616 Swanson Carl A ⓓ △ EA 2329
3623 Vacant
3624 Snyder Harry A ⓓ △ VE 0375
3634 Mason Chester L ⓓ △ EM 6961
3635 Rasmussen Sofus A ⓓ △ VE 6520
3640 Stears Cenia Mrs ⓓ △ FI 3666
3641 Carr Irene Mrs ⓓ △ EA 8856
3652 Ketels John F ⓓ △ EM 1359
SE 37th av intersects

ALDER, SE—Contd
3702 First Nellie Mrs ⓓ △ EA 2208
3710 Davidson Sarah M ⓓ △ EA 1278
3714 Hannigan Francis A ⓓ △ EM 2635
3717 Boland John P △ FI 4024
3723 Gilliland John M △ EM 2484
3727 DeMeries Robt B ⓓ △ FI 4096
Peterson Raymond H
3730 Garvin John W ⓓ △ EA 1344
3733 Bloodworth John L ⓓ △ FI 2681
3739 Rader Eddie L ⓓ △ EA 2040
3740 Baker Donald △ EM 8880
3747 Fairbank Fred J ⓓ △ VE 6981
3748 Pendleton W B ⓓ △ FI 4004
3752 Weber Ernest M ⓓ △ VE 0815
3757 Putman Stanley L ⓓ △ EM 3316
SE 38th av intersects
3805 No return
3814 Drake Clarence J ⓓ △ EM 5002
3815 Crosby Clyde C ⓓ △ EM 0751
3820 Mattis May ⓓ
3825 Bryant Jas R ⓓ △ FI 4476
3826 Turner Frank A ⓓ △ EA 7343
3832 Chinn Steph H ⓓ △ EM 4436
3835 Winans Manuel ⓓ △ EA 8295
3840 Thacker Harold A △ EA 8583
3846 Rommel Juanita Mrs ⓓ △ EA 4400
188
SE 39th av intersects
SE 40th intersects
4124 Claremont Apartments
1 Skellenger Luther I △ EA 0851
2 Vacant
3 Marshall Donald P jr △ VE 2230
4 Flaherty Lorraine Mrs
SE 42d av intersects
4211 Stevens Stanley R ⓓ △ EM 1328
4215 Vacant
4216 Gowin Myrl J ⓓ △ EM 8780
4224 Eckton Dan W ⓓ △ EA 2422
4233 Garrison Lowell O ⓓ landscape gdnr △ VE 5297
4234 Kight Walter L ⓓ △ EA 7711
4242 Henton Carl C ⓓ △ EA 0571
4243 Johnson Russell B ⓓ △ EA 2728
4250 Jorgensen Sigurd H ⓓ △ EM 9000
4251 Beatty Myrtle Mrs ⓓ △ VE 0287
4261 Worden Clara E Mrs △ EA 2087
4264 Hayes Jas J △ FI 0800
SE 43d av intersects
4305 Blason Matthew H ⓓ △ EA 2025
4316 Collins Edith S Mrs ⓓ
4323 Millard Milton M ⓓ △ FI 3480
4404 Butler Alvin A ⓓ △ EM 3924
4405 Bellerby Thos M △ EA 4911
4411 Stopner Geo J ⓓ △ EM 0001
Fraser Mona B Mrs △ EM 2708
SE 45th av intersects
190
SE 46th av intersects
Unopened to SE 48th av
192
SE 49th av intersects
5605 Kight Frank N ⓓ △ EA 3078
5623 Ross Charlie V ⓓ △ EA 0875
194
Unopened to SE 71st av
7107 Miller Mabel C Mrs ⓓ △ KE 7150
7115 Bissonnette Ouida ⓓ △ KE 8300
7120 Reilly Edw S ⓓ △ KE 3626
7148 VanBeek Marie Mrs ⓓ △ KE 1515
SE 72d av intersects
7223 English Edwin C
7223 Pullen Edw R ⓓ △ KE 8246
7233 Casciato Albert P ⓓ △ LI 4310
SE 73d av intersects
7303 Porterfield Wilbur A ⓓ △ KE 3118
7320 Bain Herman ⓓ
7328 Temple Jas F ⓓ
SE 74th av intersects
7406 Kelly Kenneth E ⓓ △ KE 0245
7407 Kelley Emery B ⓓ △ KE 9032
SE 76th av intersects
7606 Adkisson Raymond ⓓ △ KE 0800
7607 Stone Richd A △ KE 3092
196
7610 Nelson Virginia Mrs △ LI 1938
7626 Woltring Joe W ⓓ △ KE 3580
7631 Grund Alice M Mrs ⓓ
7634 Messman John A ⓓ △ LI 3880
7641 Miller Everett G
7643 Thompson Jessie F Mrs ⓓ △ KE 7328
7644 Zimmerman Albert B ⓓ △ LI 0381
7707 Ettlin Otto T ⓓ △ KE 8513
7712 Carstens Elort C ⓓ △ KE 7893
7733 Danner Bessie M Mrs ⓓ △ KE 7808
SE 78th av intersects
7806 Hibbard Hiram ⓓ △ KE 9577
7824 Swanson Emma M ⓓ
7825 Yates Ray ⓓ △ LI 8393
7835 Daughtery H Gertrude Mrs ⓓ
7905 Rommel Edna W Mrs ⓓ △ LI 2855
7912 Fox Edna E Mrs ⓓ △ LI 3780
7915 Cross Alice J Mrs ⓓ △ LI 2109
7925 Schwarzman Peter C ⓓ △ LI 7604
7934 Lindholm Walter R ⓓ △ LI 1557
7935 Ewing Verona C Mrs ⓓ △ LI 6403
SE 80th av intersects
8008 Wishhart Jas ⓓ △ LI 7081
8032 Wildman Harold ⓓ △ KE 3126
8042 Siler Jas N ⓓ △ KE 1250
SE 81st intersects
8104 Anderson Kenneth T jr △ LI 3402
8105 Serniotte Sisto ⓓ
8123 Callister Robt E ⓓ △ KE 8330
8137 Hurlock Curtis ⓓ △ KE 9216
198
SE 82d av intersects
8303 Earp Ila C
8304 Lee Chas E ⓓ △ LI 2172
8309 No return
8314 Vacant
8322 Seemeson David H ⓓ △ LI 8938
SE 84th av intersects
8412 Matson Ernest T ⓓ △ LI 1512
8420 Durham Robt J △ LI 6249
8421 Hahn Wilford L ⓓ △ KE 1840
8427 Frederich Robt F △ LI 8834
8432 Nelson Edw S ⓓ △ KE 3812
8440 Wheeler Marshall J ⓓ △ KE 3208

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AUTOS REBUILDERS TRUCKS
WEST SIDE: 433 N. W. Couch BR. 3665
EAST SIDE: 2637 S. E. 6th EA. 9159
Rowe Bros
AUTOMOTIVE REBUILDING

BELMONT SE 1955

BEECH, NE—Contd
1136 Alfier Jerry J ◎ △ WE 3847
1137 Burton Alonzo L △ TU 3181
Holten Adrian H △ WE 3542
NE 12th av intersects
1202 Lehl Kath Mrs ◎ △ WE 7191
1213 Potter Richd G △ TR 8892
1216 Pritchard Melvin P △ GA 0180
1227 Loiks Ronald G △ MU 1649
1229 Herron Jack D △ WE 6479
NE 13th av intersects
1303 Moran Dean M ◎ △ WE 1965
1317 Reitan Olaf H ◎ △ WE 2302
1327 Arndt Martin ◎
1330 Schleining John △ WE 4611
NE 14th av intersects
1424 Evans John E ◎ △ GA 1622
1425 Hein Jos M ◎ △ MU 0765
1434 Kaplan Louis A ◎ △ TR 9133
1435 Dame Wm E ◎ △ GA 6440
16
NE 15th av intersects
1508 Krieger Conrad M ◎ △ TR 1074
134
NE 16th av intersects
NE 17th av intersects
NE 18th av intersects
NE 19th av intersects
4225 Ferrell Ora Mrs ◎ WE 9192
4235 Schindler Gertrude Mrs ◎
△ GA 5132
NE 43d av intersects
4305 Hval Raymond K ◎ △ WE 9848
4315 Signon Lewis W ◎ △ WE 0500
4325 Ferrell Ora Mrs ◎ △ WE 9192
4331 Pellum Harry C △ GA 3126
4341 McCready Burl M △ TU 2844
NE 44th av intersects
4411 Garrigues Julius D ◎ △ GA 7071
4421 Odeane Hans ◎ △ GA 5142
4426 Hite John D ◎ △ MU 1440
4431 Bergstrom Carl O ◎ △ MU 1088
4441 Drake Wm C ◎ △ GA 7444
4453 Olsen Martin E ◎ △ MU 6062
4461 Moody Helen F Mrs ◎
△ MU 3246
NE 45th av intersects
4507 McCracken Paul N △ GA 6346
4517 Durst Leroy H ◎
4527 Brewster Chas E ◎ △ GA 4548
4537 Bartlett Jennie H Mrs ◎
△ GA 4453
4547 Kelzur Ward C ◎ △ TR 9881
Baker Barbara Waller G ◎
NE 46th av intersects
4605 Hawes Arth C ◎ △ GA 4567
4621 Moore Harry E ◎ △ WE 7858
4625 White Clifford M ◎ △ WE 0058
NE 47th av intersects
104A
NE 57th av intersects
5706 Winkelman Lucille M Mrs
△ GA 5796
5714 Zarnecke Lewis C ◎
5718 Frazier Lee R ◎ △ WE 9932
5721 Vacant
5725 Vacant
5731 Vacant
5738 Clark Edw R ◎ △ TR 8789
5747 Moran Edw J ◎ △ WE 6814
5750 Hooker Eug ◎ △ TR 3097
NE 58th av intersects
5801 Irish Wm T △ WE 7388
5811 Wahl Rosa A Mrs ◎ △ TR 0270
NE 59th av intersects
5903 Northeast Slit Mfl Co
△ WE 3309
Rigdon John A ◎ △ WE 8608
5904 Hanson Alvin C ◎ △ WE 8181
5910 VanFossen Willis B ◎
△ WE 4780
5915 Holden Robt ◎ △ MU 4471
5924 Quine Dorothy F Mrs ◎
5925 Yarabinec Michl E ◎
△ GA 9800
5933 Greer Robt C ◎ △ WE 9094
5934 Goodrich Clifford E △ MU 7235
Dutton Mary S Mrs ◎
5943 Copeland Willard R ◎ △ GA 9162
5944 Under construction
6000 Biddis Ernestine ◎ △ GA 8197
6003 Carlock Edw L △ WE 8267
6004 Vacant
6005 Vacant
6010 Welch Lloyd C ◎ △ TR 1750
6017 Harvey Maude Mrs
NE 61st av intersects
6105 Myers Darold W ◎
6115 Folsom Saml G △ TR 6152
6124 Henderson Robt F ◎ △ GA 9505
6125 Elliott Paul M ◎ △ GA 6791
6135 Tuber Geo F ◎ △ WE 3704
6136 Pierce Lewis J ◎ △ TU 2936
6145 Schweizerhof Wm ◎
△ WE 3840
6146 Kesling Elmer B ◎ △ TR 8580
6159 Norgaard Hilla Mrs ◎
△ WE 8391
6162 Bright Wilda C Mrs ◎
△ TR 8807
6171 Taylor Doris L
100
6210 Harrison Jabez C ◎ △ TR 7420
6221 Fendley Thurston M ◎
△ WE 0306
6230 Gannett Chas E △ MU 6609
NE 63d av intersects
NE 65th av intersects
6328 Vacant
6414 Hansen John R ◎ △ WE 7841
NE 66th av intersects
6609 Burns Robt C ◎ △ MU 0575
6610 Pettijohn M Grace Mrs ◎
△ GA 7138
6633 O'Connell John E ◎ △ GA 9620
NE 67th av intersects
98
NE 68th av intersects
NE 69th av intersects
NE 70th av intersects
7004 Miller Otto C ◎ △ WE 3414
7023 Brundage Doris Mrs △ TU 1455
7033 Post Jack E ◎ △ MU 0387
NE 71st av intersects
7105 Blunt Margt M Mrs
NE 72d av intersects
96
NE 73d av intersects
NE 74th av intersects
NE 75th av intersects
NE 76th av intersects
94
NE 78th av intersects
7830 Under construction
7832 Under construction
NE 79th av intersects
7932 Poetz Chas L ◎ △ WE 5511
8030 Hobbs Verne D ◎ △ WE 7011
8104 Huckstep Harry G ◎ △ TU 3540
8105 Under construction
8115 Under construction
8116 Hales B M
8127 Landreth Minerva W ◎
△ TU 3106
8128 Bigham Dale L △ MU 4539
8129 Vacant
8130 Glesey Walter W △ MU 2687
8132 No return
90A
NE 82d av intersects
8217 Brumels Willard E ◎ △ KE 0368
8225 Nelson Lester L ◎ △ LI 8685
8226 Friedman Moses N ◎
8235 Columbia Rug & Uphol Clnrs
△ LI 3727
8236 Schaffer Jacob ◎ △ KE 1935
8246 Turkington Donald J Jr ◎
△ LI 6617
8247 Dow Murray L ◎ △ LI 3727
NE 83d av intersects
8308 Weber Wilbert D ◎
8317 Wood Willard A ◎ △ LI 2688
8325 Browning Ronald G ◎
8328 Hanson Alf H ◎ △ LI 2920
8334 Frost John
8346 Hilinski Wm I ◎ △ KE 5171
8347 McCabe LaVern L ◎
△ KE 6333
NE 84th av intersects
8404 Profitt Rem O ◎ △ LI 2280
8407 Thomas Geo B ◎ △ KE 9500
8414 Sweetwood C Larry ◎
8425 Reneberg Floyd L ◎ △ LI 3249
NE 85th av intersects
8504 Westland Kenneth A ◎ △ LI 2832
8505 Christophersen Arth E ◎
△ KE 8900
8515 Gussey Henry J ◎ △ KE 6185
8524 Pearson Robt C ◎ △ KE 9641
8525 Hermanson Elmo T ◎
△ LI 3960
8535 Lamoureaux Paul J ◎
△ LI 9829
8536 Anderson Carl △ KE 9152
8540 Gaither Forest H ◎ △ KE 8104
8545 Matthews Robt B ◎ △ LI 5312
8556 Boyd Dick I ◎ △ LI 0887
8604 Dunn Jas W ◎ △ LI 3440
8605 Olson John A ◎ △ LI 5433
8619 Hall Sanitarium △ LI 1191
8620 Hall Edgar L ◎ △ LI 1191
8640 Dunn Murral ◎ △ KE 7988
8641 Kertz Carmen L Mrs ◎
△ LI 1381
NE 87th av intersects
8721 Rauw Irving H ◎ △ KE 1350
8731 Norton Edgar A ◎ △ LI 2197
8741 Enfield Romer M ◎ △ KE 6417
8751 Klug Wm C ◎ △ KE 7697
8761 Neilsen Lawrence A ◎ △ LI 3582
NE 88th av intersects
8824 Hahn Walter B ◎ △ LI 3903
8825 Sibian Wayne ◎ △ LI 2877
8835 Fletchall John R ◎ △ LI 7522
8840 Carter Dani L ◎ △ KE 3198
8845 Lyslo Roald K ◎ △ LI 3843
8855 Orstad Chris ◎ △ KE 9220
8860 Ferris Edw A ◎ △ LI 5901
8865 Norbraten Gilbert A ◎
△ KE 9522
NE 89th av intersects
8906 Gant Lyle W ◎ △ KE 1954
NE 90th av intersects
Maywood pl intersects
NE Maywood pl intersects
10035 Schwary Fred L ◎ △ KE 3835
10047 Loecker Frank R ◎ △ LI 1352
10052 Morris Wayne G △ KE 7207
10059 Pepper Henry A ◎ △ KE 9708
NE 101st av intersects
10100 Fry Forrest D ◎ △ LI 2803
10107 Moffatt Wm S ◎ △ LI 7592
10118 Zirker Richd D ◎ △ KE 8102
10119 Dillon John J ◎ △ KE 1504
10135 Shaney Saml O ◎ △ KE 7902
10140 Gibbons Lyle P ◎ △ KE 3272
88A
10228 Bishop Wm B △ LI 3952
10246 Reed Rev J
10248 Latrell Jennie Mrs
10300 Simmons Nora Mrs ◎
△ KE 6050
10301 Young Clifford A ◎ △ KE 0462
10304 Fullam John H
10319 Curtis Frank H ◎ △ KE 5531
10331 McIntosh Robt V ◎
△ LI 7860
10342 Petersen Peter F ◎ △ LI 1386
10345 Schmidling Frank L ◎
△ LI 0352
10415 Tatum Dale R ◎ △ LI 3456
10416 Signett Leonard B ◎ △ KE 8958
10428 Larson Frank C ◎ △ LI 3988
rear Moffat Arch △ LI 3998
10435 Hansen Ray C △ LI 7982
10505 Vermilyea Stanley ◎ △ LI 6160
10506 Bartells John C ◎ △ KE 9102
10525 Anderson Hilding R ◎
10534 Culp Harold H ◎ △ KE 7276
10543 Gwinnutt Edw R ◎ △ KE 9330
10607 Crossett Victor B ◎
△ KE 8353
10612 Snyder Purl C ◎ △ LI 0552
10633 Keek Lydia M Mrs ◎
KE 5534
10636 Vacant
10638 Vacant
10640 Merkle Earl E △ LI 0645
10647 Wilson Ino G Mrs ◎
△ LI 2106
10706 Getman Harvey A ◎ △ LI 2302
10715 Wellman John P ◎ △ KE 6843
10740 Browne Howard W ◎ △ LI 4415
10745 Ekstrom Arth E ◎ △ KE 6981
10804 Wallis Claude B ◎ △ LI 2283
10809 Merrill Jas A
10830 Fricke John F ◎ △ KE 3313
10840 Ellison Melvin C ◎ △ LI 4820
NE 109th av intersects
10904 McKenzie Wm A ◎ △ KE 6590
10905 Krening Jacob △ KE 6975
10924 Baker Davis C ◎ bldg contr
△ LI 0476
10933 Byrnes Errol V ◎ △ LI 2837
10940 Hall Geo F ◎ △ LI 2631
11006 Zirschky Leon G ◎ △ KE 1518
11009 Wampler Minnie E Mrs ◎
△ LI 1814
11020 Chamberlain Saml H ◎
△ LI 4158
11021 Barker Roger E ◎ △ LI 6145
11041 Hopwood Louis A ◎ △ LI 4641
11044 Stewart J Park ◎ △ LI 6325
11102 Wood Nimrod P △ LI 2552
11109 Vinyard Roy M ◎ △ LI 3734
11118 Deppe Paul T ◎ △ LI 1885
11135 Fitzwater Raymond ◎ △ LI 2875

27
BELGRAVE AV, NW (Williamette Hts)
—From NW Essex west and south then northwest to NW Aspen av begins 1 w of NW St Helens rd

117
BELKNAP AV, N—From 3286 N Terry n
7816 Quaintance Gayle L ◎ △ TW 6096
7819 Whiteness John B ◎ △ TW 5180
7824 Fuller Nellie M Mrs ◎
△ TW 5076
7827 Allen Lamar L ◎ △ UK 3373
7832 Wissinger Harriet M ◎
△ UK 1132
7835 Anderson Carl E ◎ △ TW 0556
7845 Loos Harry ◎
7852 Sprawcew Barbara Mrs ◎

90A
BELL DRIVE, NE — From 10000 NE Halsey north
1605 LeDaux Jas A △ LI 8026
1615 Burling Ora L △ KE 1098
1616 Estep Andy ◎ △ LI 2785
1625 No return
1630 Krahn Robt L ◎ △ KE 5180
1642 Brown Richd K ◎ △ KE 7601
1647 Lalh Herbert ◎ △ KE 7671
1656 Johnson Richd ◎ △ KE 7838
1659 Wilson Wm E Jr ◎ △ LI 1768
1703 Enks Robt A ◎ △ KE 9871
1708 Goodrich Eug P △ KE 9928
1720 Falotico Thos L ◎ △ KE 5674
1729 Malreg Nick J ◎ △ LI 6370
1732 Rosenthal Robt L △ KE 7868
1743 Beard Lloyd R ◎ △ KE 8172
1744 Mestrovich Wm J ◎
1755 Cooper Marie Mrs ◎ △ KE 8492
1756 Andriesian Danl R ◎ △ LI 3412
1767 Edison Chas R ◎ △ KE 1628
1768 Maks David L ◎ △ KE 3334
1778 Conser Norman L ◎
△ KE 8709
1802 Frost Wm G ◎ △ KE 3421
1803 Ross Kenneth N ◎ △ KE 5857
1813 Huwalt Wallace E ◎
△ KE 8665
1814 Short M Clifford ◎ △ LI 6273
1823 Rice Delbert R ◎ △ KE 8493
1832 Brown Robt V ◎ △ KE 7815
1833 Manning Virginia △ KE 6434
1843 Smith Wilbur C △ KE 7804
1905 Parker Garland W △ LI 4254
1906 Beehler Jack ◎ △ LI 7255
1915 Leffel R W △ LI 3474
1924 Marcott Ronald K ◎ △ LI 8009
1925 Latta Glenn E △ LI 4273
1933 Mullin Robt N ◎ △ LI 7442
1945 Knudsen Clarence T ◎ △ LI 6869
1948 Bown Joe S △ KE 1414
1949 Sprouse Waldo N △ KE 8657
1953 Lund John V ◎ △ LI 3081
2009 Skyles John L ◎ △ LI 2430

168
BELLEVUE AV, NE —From intersection of NE 13th av and NE Portland blvd nw
6505 Krueger Dorothy G Mrs
△ TU 4281
6506 Green John D ◎ △ WE 4678
6514 Winner Virgil E △ MU 3487
NE Lenore intersects
6611 Watson Robt S ◎ △ TR 5216
NE Dean intersects
6711 Grander Harry ◎ △ WE 6223
6712 Cerny Frank X ◎ △ WE 5628
NE Dekum intersects
6807 Millar Robt D ◎
174
NE Woodlawn intersects
6912 Sayles Alry B ◎ △ UK 2926
6968 Carr Frances E Mrs ◎
NE Oneota intersects

143
BELLINGHAM, N—From 9939 N Midway av n
7011 Vacant

143
BELLINGHAM PLACE, N — From 10340 N Oregenian av w

236
BELMONT, SE — From the river s, s of SE Morrison
SE Water av intersects
ft East Portland Marina marine supplies △ EM 4312
56 Consln Products Industries bldg mtls whol △ FI 4010
Cordano Chem Co paint materials
△ FI 1465
Riverview Transfer & Whse Inc
△ FI 7309
83 McDonald Candy Co △ EA 1156
SE 1st av intersects
111 Northwestern Ice & Cold Storage Co △ FI 9511
112 Feenaughty Machy Co △ EA 2186
SE 2d av intersects
SE 3d av intersects
311 Bowman Arth Inc bulbs
△ EA 2835
330 SP&S Ry (East Side Frt Sta)
△ AT 9111
SE Union av intersects
422 Thornton Stationery & Printing Co △ FI 6503
426 **Belmont Apartments** △ VE 9227
1 Turner Raymond
2 Mitchell Jay
3 Watson Virginia
6 Miller Melvin O
9 Johnson Betsy H mgr △ VE 9227
10 Butts Ernest
12 Jones Roy C
14 Davis Jas
16 Dare Lee
17 Courtz Cash
18 Peck Helen Mrs
20 Stockfeith Robt
22 Bass Ellen
24 Dutko Sam
26 Detlefson Otto
28 Vacant
29 Crockett Myrtle Mrs
30 Jennings Ruby
32 Elliott Robt L
34 Vacant
35 Kelly Agnes
37 Drake Al
39 Vacant
41 Clark Burl
42 Johnson Sander
43 Overcross Frances Mrs

BELMONT, SE—Contd
Belmont Apts—Contd
45 Coffee Homer
47 Potter Joe
49 Broberg Paul
427 Northwest Printing Co
△ EA 8463
234
SE Grand av intersects
521 DeLuxe Motor Serv auto reprs
△ EA 8727
522 K B Automotive Serv auto reprs
△ EA 8304
532 Colo Raymond B Inc lighting equip △ EM 1996
534 C & S Auto Paint Shop
△ EA 9822
SE 6th av intersects
600 Geltman Sponging Corp cloth spongers △ EA 1800
601-09 Bow & Arrow Tavern
△ VE 4576
613 Vacant
616 Pacific Machy & Tool Steel Co (whse)
619 Vacant
627 Cummings Tire Co Inc △ VE 3144
630 Pac Machy & Tool Steel Co
△ EA 2147
633 Larry's Champion Serv gas sta
△ VE 9160
SE 7th av intersects
700 Vacant
701 Vacant
705 **New York Apartments** △ VE 9461
1 Hamilton Ella Mrs
2 Barlett Frank
4 Cooper Linda H Mrs
5 Shields Vern
6 Semke Mark ◎ △ FI 2042
8 Baumgardner Clyde W
9 Harshbarger Donald R
10 Riche Howard
11 Sutton Tessie M Mrs
12 Ball Geo
14 Aufdemoute Wm
17 Hill Emmet
18 Rizal Edw
19 Frahler Jos
20 Hamo Mike
21 Dahl E
22 Merrill Pearl I Mrs △ EA 2987
24 Danielson Ray
25 Wallace Emery L
26 Anderson Arth O
27 Vacant
28 Fast Geo
29 Vacant
30 Wittle John
31 Reynolds Frank
32 Johnson Edna
33 White Levi
34 Emmon Conrad P
38 Wendel Clyde
39 Lagoutaris John
40 DeMarco Frances
41 Servus Anthony
42 Charneski S J
45 Reeves Willard A
47 Glayzer Wm
707 Vacant
712 G and G Garage △ EA 6291
724 Grand Central Market Parking Lot
733 Justen Signal Serv gas sta
SE 8th av intersects
804 Dolan Bldg Matl Co △ EA 3157
Dolan Wrecking Co bldg wreckers
△ EA 3157
826 Safeway Stores Inc (br) gro and ments △ VE 9945
839 Market Cleaners △ VE 0943
SE 9th av intersects
904 Miller's Launderette △ VE 6166
926 Safeway Stores Inc
935 Caruso Prod whol △ EA 1119
936 Comella's Truck'n Auto Serv
△ EA 1894
232
SE 10th av intersects
1004 Klaus Chas E Co mfrs agt
△ EA 1188
1010 Monte Carlo Pool Room
1016 Monte Carlo Restr △ VE 9171
1018 **Gardeners & Ranchers Assn Building** △ UK 3426-EA 9683
Collins Kenneth D △ VE 5116
1024 Monte Carlo Lounge
1030-36 Lido Restr △ EA 7766
SE 11th av intersects
1135 Carlson Harry E △ VE 5678
SE 12th av intersects
1206 Nu-Way Auto Laudry △ VE 9123
1216 Eaton Lester B ◎ △ EA 5525
1223 Hope Walter L △ FI 4713
1224 **Apartments**
Roberts Della Mrs mgr
△ EA 3227
1 Poller Carrie Mrs
2 Erickson Betty Mrs
3 Young Frances Mrs
4 Griffin Eddie G
5 Henson Arth
6 Gano Delbert
7 Schuckleber Florence Mrs
8 King Minnie Mrs
9 Stewart Kate Mrs
10 Lyons Ernest E
11 Utley Elvis Mrs ◎ △ EA 3227
1232 Brehmer Gustav P
SE 13th av intersects
1305 Reliable Armored Car Service △ EM 9578
Miller Melvin C ◎ △ EM 9578
1313 **Apartments**
1 Ballestrem Howard L
3 Thorne Leonard
1316 Richter Mary ◎ △ EA 5305
1317 **Apartments**
1 Duchaine Judith E
2 Vacant
3 Johnson Betty J
4 Cook Ralph
1323 Jenners Lynn A
1335 **Apartments**
1 Coe Frank L
2 Day Eva M Mrs ◎ △ VE 5028
3 Ireland Herbert
4 Forrest Gertrude Mrs
5 Davis Ester Mrs
6 Jones Theo
Street continued
1336 Cooper Len W ◎ △ EM 8449
1337 Vacant
SE 14th av intersects
1403 Painting & Decorating Contrs of Am △ EM 8887
1405 **Wellesley Court Annex**
△ VE 6987
61 Miller John L △ VE 0684

WASHINGTON SE 1955

WASHINGTON, SE—Contd
178
506 Lockman Helen Mrs △ VE 3265
515 Barber Apts (side entr)
SE 6th av intersects
SE 7th av intersects
777 Parts Service Co auto accessories △ EA 6145
815 Terrace Court Apartments
101 Friemwald Paul O mgr △ WE 9339
102 Accord Augusta Mrs
103 Burdick Kenneth
104 Kautzman Maxine
105 Tousley Irene
106 Craig Mabel
107 Dunsmore Donna △ FI 3514
108 Blankenship Maynard E △ EA 5800
109 Koplin Kenneth △ EM 0100
110 Eaton Cloyd W
111 Durand Thos D
112 Dobrowsky Herman △ FI 7060
114 Flath Beverly
115 Hawkins Edw H △ FI 4591
116 Williams Elsie Mrs
117 Fries Clifford
118 Kridler Regine Mrs △ VE 2257
119 Smith Pearl L Mrs
120 Wangen Orris M △ VE 6866
121 Sacheck Steven A
122 Shobe Mary Mrs
123 Ewing Sally Mrs
124 Nelson Augusta Mrs
125 Anderson Hjalmar
126 Green Wesley G △ FI 4927
127 Tennant Melvin E
201 Ebert Grace E △ EV 4719
202 Holingworth Roy △ EM 9688
203 Hupy Leora
204 Flora Blanche
205 Hermanson Harold
206 Runyard Richd
207 Sherwood Kenneth W △ EM 1968
208 Stahl Edwin △ VE 2631
209 Delco Nois L △ EA 2035
210 Olson Barbara J △ FI 2028
211 McFarland Helen H △ VE 5985
212 Macon Nora
214 Smair Mack
215 Stone Richd
216 Michelsen Thos
217 Vacant
218 Samuelson Oscar A △ VE 3461
219 Vacant
220 Weiderspan Jack △ VE 1973
221 Parvi Harold L
222 Vogel Kay
223 England Eric
224 Rodgers Carol △ VE 7404
226 Higley Gerald
227 Wirth Bette Mrs
Street continued
840 Loma Linda Food Co whsl △ EM 5577
SE 9th av intersects
924 Harvey David P
932 Hornsly Geo L
180
SE 10th av intersects
1000 Vacant
1006 Cea Wm V △ VE 1760
1014 Thomas Harry L ◎ △ VE 7107
1025 Neumann Harry W
1034 Nylsta Court Apartments
1 Vacant
2 Dreske Marie E △ EA 1517
3 Keller Winifred L Mrs △ EA 5239
4 Pfenning Donald R
5 Class Susanna
1035 Jacobson Henry W △ EA 2360
1037 Sutton Noah ◎ △ EA 5386
182
SE 11th av intersects
SE 12th av intersects
Unopened to SE 16th av
1605 Tucker Randolph J ◎ △ EA 6818
1621 Miller Bernelee Mrs
1623 Carter Elwood W △ FI 2839
1625 Bowen Wm F
1627 Burns James E △ FI 3098
1631 McCartney Kay Mrs
1633 Dwigans Lloyd
1635 Reddaway Fred D ◎ △ EM 9576
1637 Vacant
1641 Hinshaw Delmar △ FI 4540
1643 Impala Muriel M Mrs △ EA 6804
1645 Weaver Wm R △ VE 7450
1647 Lafky Edna M Mrs △ EA 5314
SE 17th av intersects
1710 Vacant
SE 18th av intersects
1803 Garbe Mary J Mrs
1809 Henderson Robt H ◎ △ EA 3979
1816 Lucy Yeun ◎ △ VE 4382
1817 Ding Mun H ◎
1823 Lai Nam Hung ◎ △ VE 2075
1831 Lee Oscar S △ FI 4865
1833 Mewes Leland S △ VE 7764
1835 Horneth Alf E △ FI 5666
1837 Watson Alma C Mrs ◎ △ EA 9838
SE 19th av intersects
1904 Helek Dorothy Mrs
1918 Gardling Elva Mrs
1919 Vacant
1921 Vacant
1922 Amos Fred H △ VE 2680
1926 Sayuno Aimo K ◎ △ FI 1250
1927 Williams Robt E △ VE 1922
1935 Amherst Manor Apartments
1 Fielding Helen
2 Thomas Robt △ FI 8170
3 Hart Phillip D △ EA 4277
4 Heard Evelyn Mrs △ EA 5354
5 Nelson Ulricka Mrs △ VE 1065
184
SE 20th av intersects
Unopened to SE 26th av
2604 Hewitt Frank ◎
2605 Bernard Lawrence ◎ △ EM 0793
2613 Farr Geo E ◎ △ EA 0026
2614 Graber Verna F Mrs ◎ △ VE 5467
2622 Harl Adolph ◎
2623 Dixon Wesley A ◎ △ VE 1746
2626 Blair Mildred K Mrs △ EM 2533
SE 27th av intersects
2704 Pierce Marvin F ◎ △ FI 4851
2705 Hooper Harry A △ EM 0045
2709 Bartholomaus Wesley B △ FI 2651
2713 Riley Floyd W △ EM 0059
2716 Puerlen Pearl K Mrs ◎ △ EM 5648
2717 Vacant
2761 Bakhuis John W
SE 28th av intersects
2809 Flatom Apartments
1 Thompson Conrad A
2 Bonniwell Robt E △ EA 2941
3 Harra Geo P
4 Bach Hans O △ VE 2043
5 Washburn Wm
6 Harn Earl R △ EM 1589
7 Harris Richd E
8 Hocks Chas S
9 Heraldsen Wm J
2818 Reling Harold C
2823 MacPike Bruce R △ EM 3556
2825 Filsinger Geo J △ VE 7310
SE 29th av intersects
2904 Kemp Geo L △ EA 2325
2906 Super John C △ EM 6106
2908 Vacant
2912 Vacant
2914 Bean Robt D △ VE 1518
2926 Stevenson Orel I ◎ △ VE 2767
2938 Sims Walter M △ FI 1073
2940 Lett Glenn F △ FI 2602
2944 Reeder Mildred P △ EM 6581
186
SE 30th av intersects
3303 Moore Paul △ EM 7408
3305 Boulin F Wayne
3317 Lind Edw C △ FI 3497
3324 Werner Phillip L △ FI 3589
3328 Nelson Lowell R ◎
3330 Nelson Lowell R Jr ◎ △ VE 1786
3331 De La Vergne Buhel E Mrs ◎ △ EM 2205
3335 McAnally Albert L ◎ △ VE 5233
3336 Vehrs Edith Mrs ◎ △ VE 3372
3345 Haswell Avis W Mrs △ EA 5729
3349 Bishop Robt S ◎ △ FI 2758
3355 Hubbell Inez P Mrs △ EA 0763
3359 Younger James M △ VE 7150
SE 34th av intersects
3404 Doran Ed L △ EA 8595
3416 Reeves Wilfred C ◎ △ VE 0107
3420 No return
3423 Morse Wm E ◎ △ EM 0660
3429 Collier Lawrence W ◎ △ VE 7556
3436 Benoit Martin J △ VE 5816
3437 Brandel Kenneth F ◎ △ FI 4907
3447 Anderson Melvin C ◎ △ EM 0491
3448 Jenkins Nell Mrs △ EM 9205
SE 35th av intersects
3508 Stockdale Margt Mrs ◎ △ EA 8365
3515 Apartments
1 Vacant
2 Nyehart Lyle E △ EA 5867
3 Ross Byron
4 Cutler Geo P
5 Williams Horace
3516 Follis Geo V ◎ △ EA 2946
3525 Lundahl Burton D ◎ △ FI 2874
3528 Denner Alex E ◎ △ EM 9600
3529 Ramsby Roy
3533 McNeil Jerry E △ FI 2840
3534 Great John B ◎ △ EA 0820
3543 Mueller Alf W ◎ △ EM 6952
3544 Bonnell Irlus
Geen Cecil B
Lawrence Cyrus B ◎ △ EA 8557
3552 Bell Geo L ◎ △ EA 2330
3555 Johnson Martha Mrs
Whittington Chas
SE 36th av intersects
3603 Petersen Jennie E Mrs ◎ △ EA 8026
3608 Poland John J
3611 Heeox Donald L △ EM 1904
3614 Stupp Bess L Mrs ◎ △ EA 1771
3619 Soderberg Arne A △ EA 7978
3620 Finjord Darrell M
3627 Frentress Kenneth T ◎ △ VE 2524
3628 Clark Alice Mrs ◎ △ EM 9903
3632 Haradon Lawrence W ◎ △ VE 0623
3633 Gilliam Lotta B Mrs ◎ △ FI 2117
3640 Mayert Ottilje S Mrs ◎ △ EM 9866
3643 Gravelle Virgil △ EA 0763
3651 Shleifer Morris ◎ △ VE 6191
SE 37th av intersects
3704 Anderson Alden ◎ △ EA 2362
3708 Albright Chas F ◎ △ EA 1957
3716 Kerr Geo S ◎ △ EA 1464
3717 Timmons Byard A ◎ △ EA 1921
3723 Anderson H Oscar ◎ △ EA 3262
3731 Benson Helen R Mrs ◎ △ EM 0280
3739 Davis Imogene Mrs ◎ △ EM 8990
3740 Irwin Ray M Rev △ EM 0582
3746 Webb Chas H ◎ △ VE 3543
3747 Fosnot Milo L △ FI 5166
SE 38th av intersects
3817 Stone Laura A Mrs ◎ △ EA 1640
3818 Martinez Chas B △ HE 7901
3822 Fosnot Harry L ◎ △ VE 2683
3823 Caya Harold M △ FI 2715
3829 Rommel Robt F ◎ △ EA 4556
3843 Walker Ray S ◎ △ VE 2944
SE 39th av intersects
188
SE Peacock lane intersects
Unopened to SE 41st av
4101 Hembree Lowell W ◎ △ FI 2908
4107 Brown Bert
4115 Gilbert Jessica Mrs ◎
4125 Hanover Danl N ◎ △ VE 3634
4126 Warner Andy B ◎ △ EM 0207
4132 Swift Wm
4204 Fischer Reuben R ◎ △ VE 1331
4212 Driskell Orval L ◎ △ VE 3042
4215 Allen Frank P ◎ △ EA 8797
4221 Murphy Jas A ◎ △ EM 7866
4224 Heath Alec △ EM 0814
4233 Smith Arth F ◎ △ VE 2006
4234 Clemmens Edna ◎ △ EM 0650
4242 Fransen Geo F ◎ △ EM 3629
4253 Kelly Edna S Mrs ◎ △ FI 6089
4254 Wreiner Fred D ◎ △ EM 6126
4272 Eddy Alta M Mrs ◎ △ VE 1787
SE 43d av intersects
4305 Zahn Wm A ◎ △ EA 3834
4306 Knitten Carl W ◎ △ VE 7587
4316 Mosier David F ◎ △ VE 1867
4317 DeHose Angelo E ◎ △ VE 3878
4326 McGuire Timothy E ◎ △ EA 4850
4327 Lewis Kenneth R
4329 Ziegler Anton ◎ △ EM 7813
4334 Strech Donald G ◎ △ EA 5649
4405 Bond Orpha H Mrs ◎ △ EM 8382
4410 Ever Ready Transfer Co △ EA 3332
Priestley Carroll H ◎ △ EA 4419
Priestley Van Serv △ EA 3332
4411 Jackels Leonard ◎
190
SE 45th av intersects
Unopened to SE 52d av
SE 53d av intersects
5204 Cannon Claude A △ VE 5204
5205 Hinman Walter ◎ △ EA 0230
5224 Vacant
192
5304 McClure Keith ◎ △ VE 3418
5315 Schille John P ◎ △ EA 1837
5327 Bertoli Chris R ◎ △ VE 6460
5335 Haggerty David W jr ◎ VE 3561
SE 54th av intersects
5413 Henderson Melvia Mrs △ FI 6900
5428 Reid Oliver A ◎ △ VE 4948
SE 55th av intersects
SE 56th av intersects
SE 57th av intersects
5705 Vacant
5715 No return
5723 Olson Nettie B Mrs ◎ △ EM 8581
196
Unopened to SE 74th av
7404 Tatroe Josephine F Mrs ◎ △ KE 9681
7405 Belec Arth M ◎
7422 Kline Sebastian P ◎ △ LI 4564
7425 Guthrie Thos G ◎ △ LI 1593
7501 Pickens Earl W ◎ △ LI 2117
7523 Barrell Carrie M Mrs ◎ △ KE 1925
SE 76th av intersects
7604 Hall Everett C
7605 Beckner Claude ◎ △ KE 8405
7614 Lawrence Jas C ◎ △ LI 3892
7621 McGlinchey John ◎ △ KE 0375
7622 Sullivan James E △ KE 6707
7634 Davis Thos A ◎ △ LI 2163
7635 Campagna Jos L ◎ △ KE 8344
7645 Green Thos W ◎ △ LI 3209
7646 Rodal Lloyd C △ LI 1349
7700 Hoff Donald M △ LI 9721
7702 Laird Thos V △ LI 5370
7705 Abrazo Jos F ◎ △ LI 3881
7714 Young Thos E ◎ △ KE 3448
7730 Yarbrough Fredk W △ LI 2853
SE 78th av intersects
7822 Eltw Geo S ◎
7832 Vacant
7836 Swedberg Leila M Mrs △ KE 5163
7903 Dodok John A ◎
7904 Stolle Robt H △ LI 0196
7914 Geaty John W
7915 Richards Nancy J Mrs ◎ △ KE 9684
7936 Fox Earl ◎ △ KE 3435
SE 80th av intersects
8006 Montavilla Independent Full Gospel Tabernacle
8025 Byland Asa ◎
8045 Worthington Albert D ◎ △ KE 7290
8126 Spencer Edwin C ◎ △ LI 3354
198
SE 82d av intersects
8220 Harned Robt L ◎ △ LI 7762
8301 Wemple Gordon W ◎ △ KE 0684
8306 Campbell Glenn B ◎ △ KE 9957
8309 Minitutti Maria Mrs ◎ △ KE 1311
8318 Scott Wm ◎
8415 Haynes Wm F ◎ △ KE 8079
SE 84th av intersects
8424 Goehrend Gene C ◎ △ LI 7056
8424 McMurdo Douglas S △ LI 5093
8435 Pahmisch Norman A ◎ △ KE 8365
8436 Rodeempe Minnie L ◎ △ LI 9912
8445 Vacant
8500 Dixon Fred W ◎ △ LI 1609
8501 Espeland Glen L ◎ △ KE 0756
8509 Preceshtio Ada Mrs ◎ △ LI 7251
8510 Westerman Arnold S ◎ △ LI 5750
8519 Adkins Dallas E △ LI 4384
8520 Reeder Ralph H ◎ △ LI △ 2862
8530 Sherman Marvin L ◎ △ LI 3202
8539 Thompson John W ◎ △ KE 1760
8540 Newton Jas B ◎ △ KE 1866
SE 86th av intersects
8604 Anderson Donald R ◎ △ KE 9668
8005 Hurita Wm ◎ △ LI 0958
8616 Simpson John ◎ △ LI 8723
8626 Shy Rolla E ◎ △ KE 3787
8633 Stepan Joseph ◎
8700 Foreman Clair I ◎ △ KE 7962
8709 Carroll Theron E ◎ △ KE 9269
8710 Thompson L M △ LI 7973
8719 Uyeda Matsua ◎ △ LI 4647
8720 Fenson Robt L ◎ △ LI 8973
8729 Newport Alvin L ◎ △ KE 0262
8730 Kersey Gerald D △ LI 4263
8739 Anderson Melvin T ◎ △ LI 2805
SE 88th av intersects
8815 Phillips Edw F ◎ △ KE 9962
8816 Garcia Manuel C ◎ △ KE 8962
8836 Wolfe John N ◎ △ KE 6737
8837 Jenkins Stanley W △ LI 6075
8914 Sandberg Nels 0726
8921 Harrison Harry E ◎ △ LI 4535
8924 Brunold Norbert T ◎ △ LI 1612
SE 90th av intersects
9006 Eissler Ben B ◎ △ LI 7460
9015 Roberts Frances C Mrs ◎ △ KE 9452
9016 Lynch Jack Q ◎ △ LI 3469
9025 Rood Leo C ◎ △ LI 1448
9026 Sudan Louis J ◎ △ LI 4850
9035 Vacant
9036 Breidenbach Louis H ◎ △ LI 3847
9045 Enna Helen L Mrs ◎ △ KE 7787
9046 Simonson Wm E ◎ △ LI 1508
9105 Kraemar Clara M Mrs ◎ △ KE 1910
9106 Haas Walter ◎ △ LI 6137
9113 Bussacker Herbert A ◎ △ LI 7772
9116 Hogan Curtis W ◎ △ LI 0814
9125 Peacor Harry G ◎ △ KE 5695
9126 Seine Albert ◎ △ KE 9945
9135 Smith Richd T ◎ △ KE 8382
9136 Long Donald B ◎ △ KE 0487
9142 Simon John E ◎ △ LI 7194
9145 Boettcher Donald W ◎ △ LI 6343
SE 92d av ends
9206 Martien Wm W ◎ △ KE 3696
9218 LaCombe Michel S ◎ △ KE 5369
Cornett Elliot F
9230 Lambert Irving jr ◎ △ KE 8737
9238 Vacant
9250 Sperl Conrad J ◎ △ LI 1716
9262 Tull Jas E ◎ △ KE 0543
9270 Bevens Chas
9304 Chenoweth Arth C ◎ △ KE 6658
9312 Huffman Kenneth B △ LI 4923
9324 Lentz Russell W ◎ △ KE 7096
9332 Campbell Chas L ◎ △ LI 2129
9344 Roy Leo E ◎ △ KE 1668
9354 Farrell Bernard J ◎ △ LI 4390
200A
10208 King Wm E ◎
10242 King Willis E ◎ △ LI 2465
11516 Wood Elmer D
11521 Under construction
11546 Under construction
11560 Goss Ralph T jr ◎ △ LI 8945
11606 Murakami John ◎ △ KE 3934
11610 Crosby Floyd R ◎ △ KE 5666
11615 Casey Lloyd L ◎ △ LI 6786

WASHINGTON, SE—Contd
11724 Bernier Raymond E △ KE 6611
11725 Decker Clarence M ◎ pistr contr △ LI 2902
11742 Fullington Myron ◎ △ LI 0988
11760 Palmquist Olga Mrs △ LI 3803
11761 Reed Curtis E ◎ △ LI 8122
11811 White Garland E ◎ △ LI 0234
11824 Graves J Harold ◎ △ LI 7066
Graves Evaland M Mrs photog
11827 Sutter Lloyd E ◎ △ KE 3047
11830 Thomas Chas E ◎
11835 Nichols Fred U ◎
11843 Hoffmiller Kathleen P Mrs △ KE 3108

1B-12
WASHINGTON, SW — From the river w intersecting SW Front av at 501
SW 1st av intersects
106 Portland Traction Co (city tkt ofc) △ VE 6621
114 Fern Rooms lodgings △ CA 5426
McLaughlin Wm J mgr
115 Vacant
116 Portland Traction Co (students I-dentification bur) △ VE 6621
118 Dell Plastic Laminating Co I-dentification cards △ VE 6621
134 Vacant
138 Ye Olden Tavern cocktail lounge △ BR 8202
1B-11
SW 2d av intersects
200 Civic Parking Co Sta No 1 △ BR 0150
201 Washington Tavern △ AT 8905
209 Vacant
210 Civic Parking △ BR 0150
211 New Waldie Barber Shop
213 Parks Frank H nautical instruments △ AT 7847
217 Vacant
221 Vacant
222 Peters Ofc Sup Co △ CA 4279
231 Roseway Hotel △ BR 8230
Smith John J
239 Burton Meyer optom △ AT 6526
Vines Credit Jewelers △ AT 6526
SW 3d av intersects
300 George's Smoke Shop △ CA 2984
304 Cello-Nu Plastic Paint & Wall Paper Center △ BR 4927
311 Portland Trust Bank △ AT 8531
314 Catholic Book & Church Sup Co △ BR 5163
318 Paramount Optical Laby △ AT 1385
319 Portland Trust Building △ BE 0649
lobby Portland Trust Cigar Stand
Rooms:
201 US Fidelity and Guaranty Co (claim dept)
US Fidelity and Guaranty Co △ BR 9404
206 Chamberlin W R & Co ss line △ CO 2583
212 Sundeleaf Richd archt △ BE 2067
Hagestad Wallace archt
Nelson Kenneth archt
Peace Norman archt
214 Vacant
302 Segal Offices Serv letter shop △ AT 2681
305 Vacant
306 Croitz Wm B lwyr △ BE 1856
Shueley Lester lwyr △ BE 1856
307 Haas C G Constn Co (sls ofc)
Pac Ins Adjusters Inc △ CA 4269
308 Nolan Paul F jr ins △ BE 2302
310 Burns Wendell & Elliott of Oregon Ltd ins agts △ CA 2655
314 Kobin Norman B lwyr △ BE 1108
Herman Peter S lwyr △ BE 1108
Weinstein David lwyr △ BE 1108
315 Hatfield Richd H acct △ AT 6791
Hatfield Roy H acct △ AT 6791
320 MacDonald D K & Co ins brokers △ BE 7395
401 Portland Fri Traffic Assn △ CO 2465
403 Oregon Purchasing News △ BE 2547
Purchasing Agents' Assn of Oregon △ BE 2547
405-06 Vacant
407 Wollenberg Aug R lwyr △ BR 4041
409 Jensen Fred lwyr △ BR 3900
410 Hershiser McMenamin & Blyth lwyrs △ BE 3106
412 Mut Benefit Life Ins Co △ AT 7281
414-18 Vacant
419 Collstrc Chas A lwyr △ CA 1609
Robinson Gerald H lwyr △ CA 1609
420 Vacant
502 Pacific States Cast Iron Pipe Co mfrs AT 5465
504 Vacant
505 Markel Serv Inc claims adj △ BR 5439
506 Continental Claims Serv Inc claims adj △ AT 7531
510-12 Vergeer & Samuels lwyrs △ AT 6301
Harper David W lwyr △ AT 6301
Crookham Chas S lwyr △ AT 6301
516-23 Bates Lively & Pearson ins △ AT 8486
Affiliated Genl Agencies Inc ins △ AT 8486
602 Columbia Basin Sawmills
Columbia Basin Loggers △ BR 0479
605-06 Bird Mach Co mfrs △ AT 5539
607 Daynite Tel Answering Serv △ BE 6178
Undergraduate Nurses Registry △ BE 2686
608 Collins Jas V lwyr △ AT 5233
Weinstein Philip lwyr △ AT 5233
609 No return
612 Bennett Robt A lwyr △ AT 1766
Crouch Leslie E lwyr △ AT 1766
Minott Jos A property mgemnt △ AT 1766
615 Vacant
616-20 Lamping & Co ins agts △ BR 2033
617 Ex-Cell-O Corp paper making mach
General Cable Corp △ CA 7115
701 Smith Irving G & Geo C Kotchik Archts △ BR 4622
705 Moreland Wm D consultant △ CA 4800

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WYGANT, NE—Contd
6506 Ashton Stanley @
6509 Baldwin Ephus @ Δ GA 5498
6520 Paddock Orman E @ Δ WE 3096
6523 Galow Elmer C @ Δ WE 0361
6536 Lawpaugh Lloyd W @
Δ TR 8214
6541 Nuiter Dorothy G @ Δ GA 5934
NE 66th av intersects
6611 Swanson Edwin O Δ WE 3761
6616 Braseth Olaf C @ Δ WE 3167
6638 Sweeney Byron H @ bldg contr
Δ MU 4779
6642 Hering Clyde S
6647 Charley Ralph G @ Δ MU 7571
6649 Fuller Gifford E @
6652 Weston Viola M Mrs @
Δ TU 2301
NE 67th av intersects
6704 DeVaul Dwight H @ Δ WE 6413
6712 Castle Roy E @
6713 Holness Eldon A @ Δ WE 8680
6724 Vacant
6725 Cassady Alan B @ Δ WE 0442
6728 Vacant
NE 68th av intersects
6806 Bondy Homer C @ Δ WE 2712
6807 Phillips Everett C @ Δ WE 4652
6819 Ross Webb D
6832 Smith Keith A @ Δ WE 7846
6834 Howell Harley L Δ TR 5827
6847 Charley LeRoy E @ Δ GA 5172
6848 Vacant
6905 McLean Albert H @ Δ GA 3657
6918 Ogilvie Roy S @ Δ WE 3640
6921 Kreitler Grace V Mrs @
Δ WE 2115
6932 Bishop Geo D @ Δ TR 8111
NE 70th av intersects
7007 Cunningham Kenneth E @
Δ TR 2962
7010 Brannan Lester S @ Δ WE 2888
7019 Venburs Florence J Mrs @
Δ WE 4094
7020 Ellis Ivan F @ Δ GA 0323
7036 Campbell Dwain E pntr @
Δ TR 7824
7041 Moore Belle L @
7109 Rowles Everett J @ Δ WE 8605
7110 Hill Geo W @ Δ TR 1919
7120 Bizeau Lawrence E @
Δ TU 3116
7121 Abdlek Lillian M @ Δ TR 7961
7130 Wood Roy R @ Δ MU 9449
7304 McDaniel Richd E @ Δ TR 2323
7135 Vacant
NE 72d av intersects
NE 79th av intersects
7901 Joseph Anees E @ Δ WE 3694
7915 Banks Harry R @ Δ WE 4181
7918 O'Lander Raymond @ Δ TR 6280
7930 Cline Donald A @ Δ WE 6719
7933 Vacant
7942 Cory Jas M @ Δ TR 3066
7954 Vacant
NE 80th av intersects
8008 Farrell Wynn J @ Δ TR 0560
8009 Menig Edw E @ Δ TR 9334
8020 Myers O Howard @ Δ WE 3367
8103 Bradshaw Clarence E @
Δ GA 2652
8110 Carlson Jos B @ Δ GA 3019
8111 Krueger Geo @ Δ TU 1695
8122 Bissonette Francis C
8125 Weed Wm J @ Δ MU 5257
94a
NE 82d av intersects
8203 McPherson Jesse S @
Δ GA 2989
8208 Irwin Thos J @ Δ TR 1022
8219 Miller Herbert P @ Δ TR 1576
8222 Duncan Lowell E
8231 Alton Robt B @ Δ TR 9845
8234 Vacant
8243 Todd Richd D @ Δ TR 3235
8246 Pincoln Jas J @ Δ TU 3439
8309 Parlet Jennie E Mrs
8312 Wilson Gina T Mrs @
Δ TR 3740
8323 Weed Donald H @ Δ WE 3738
8335 Denham Robt W @ Δ TU 2870
8338 Smith Phillip W @ Δ TU 1548
8402 McQuiston Raymond G @
Δ TR 6559
8403 Vacant
8411 Dickey Earl F @ Δ GA 1605
8416 Nelson Albert A @
Δ TR 5584
8423 Haworth Raymond A pntg contr
@ Δ MU 1024
8426 Ramsdell Roland C @
Δ GA 2295
8437 Ashworth Wm H Δ GA 8691
8440 Thompson Wilbur L @
Δ GA 6361
8501 Vacant
8504 Roth Norman B @ Δ WE 8567
8513 Todd Jas D @ Δ TU 2419
8516 Krom Harry
8525 Matson Carl E @ Δ MU 7025
8528 No return
8540 Nelson Wm L @ Δ TR 3657
8545 Sark John @ Δ TR 3115
8552 Harnesmaa Ella J Mrs @
Δ WE 9370
8560 Moore Leslie F @
8568 Ragsdale Wm C @ Δ WE 9501
NE 86th av intersects
NE 87th av intersects
8708 Smith John J @ Δ TR 7223
8711 Abbott Glenn M @ Δ MU 5925
8717 Lewis Virgil H @ Δ WE 5747
8718 Gladen Russell H @ Δ WE 0154
8729 Ruhlen Carl G @ Δ WE 1935
8730 Stoughton John W @ Δ WE 2653
8739 Lockwood Graham T @
Δ MU 8158
8749 Pleasants Theo A @ Δ WE 2724
NE 88th av intersects
8801 Hutchings Jas W @ Δ WE 8507
8804 Lower Robt E Δ WE 6923
8813 Mason Wendell E Δ MU 4689
8825 Johnson Abe D @ Δ GA 9850
8826 Noe Arth @ Δ TR 1488
8835 Bukowsky Alf C @ Δ GA 8705
8838 Maduna Anton P @ Δ GA 2428
NE 89th av intersects
8907 Erthum Otto W @ Δ TR 8196
8908 Thureson Herbert G @
Δ WE 6611
8913 Rubish Thos @
8914 Robertson Garth D @
8927 West Leon H @ Δ GA 2042
8928 McCoy Russell L @ Δ GA 1790
8933 Vitcznik Frank @ Δ TR 4962
8934 Rodriguez Oracio J @
Δ MU 2078
8947 Kirby Frank E @ Δ TR 2959
8948 Bobrosky Rudolph @ Δ MU 2548
8957 Long Wm F @ Δ WE 0093

NE 90th av intersects
9003 Ekstrom Hal @ Δ WE 9356
9014 Hazlett David K @ Δ WE 5475
9015 Fossa Saml A @ Δ TR 1364
9025 Buttke Fred W @ Δ TR 7557
9020 Pratt Ella H Mrs @ Δ GA 8008
9032 Malo Robt W @ Δ TR 6397
9034 Holst Earl H @ Δ WE 1170
9043 Acker Newton M @ Δ WE 5374
9044 Gibson Louis R @ Δ TR 5101
90A
NE 91st av intersects
NE 95th av intersects
9508 No return
9528 Hobson Darrel H @ Δ LI 7975
9535 Hewes Ralph @ Δ KE 9843
NE 96th av intersects
9618 Harrison Fred @
NE 97th av intersects
9706 Lisiger Eleanor Mrs @
Δ KE 6885
9707 Royster Herbert J @ Δ LI 4706
9735 Singer John E @ tree surgeon
Δ KE 7416
9736 Shumway Cora J Mrs @
Δ LI 4607 Δ KE 7416
NE 98th av intersects
9801 Beiter Lewis E @ Δ KE 1883
9805 Stevenson Elisha A @
9812 Francisco Ernest @
9813 Gardner Ira R @ Δ KE 1686
9831 Stiglich Frank L @ Δ KE 8661
9838 Kasch David J @ Δ KE 0372
NE 99th av intersects
9908 Purdue Edw W @ Δ LI 4112
9928 Cogan Milford R @
Δ LI 0834
9933 Nielson Gilbert J Δ KE 8739
9938 Perrin Julia Mrs
9941 Nye Ethel A Δ LI 8157
9950 Wilson Thos A @ Δ LI 5962
10015 Meyer Bernice M
10016 Haugen Arth W @
Δ KE 1342
10034 Murray Walter J @Δ LI 1991
10035 Green Clyde A @ Δ KE 0933
10050 Jones Robt C @ Δ LI 1525
NE 101st av intersects
10105 Ledbury Henry F @ Δ LI 7051
10112 VanVickle C Wayne @
Δ KE 5868
88A
NE 102d av intersects
10232 Williams John R Δ LI 2492
10304 Deveny Bradley B @
Δ LI 3487
Grandey LeRoy Δ LI 2357
Newton Jas
10336 Parkwood Convalescent
Home Δ KE 5515
10340 Given Jas A Δ KE 5515
10404 Roberts Shirlow A @
Δ KE 1913
10415 Brown Grace M Mrs @
Δ LI 2245
10422 Hibbard Welden T @
Δ KE 3225
10434 McMahon Viola D Mrs
10436 Owen Frank M Δ LI 0643
10624 Parkrose Wygant Sch
Δ KE 1712
10704 Northwest Vitamin Co
Δ KE 6757
Research Associates
Δ KE 6757
Michel Raymond S @
Δ KE 6757
10720 Stonecypher Vaughn T @
Δ KE 7830
10734 Woolley Curtis J @
Δ LI 2611
10746 Dondespere Apartments
1 Wilkin G Barron @ Δ LI 0457
2 Richards Jas E @ Δ LI 7879
3 Carter Thos V @ Δ LI 5796
4 Roleson Sherman R
5 Tribby Ben E Δ LI 5910
6 Wessling Spencer
7 Hill Hugh C Δ LI 6224
8 Janac Chas J @ Δ KE 9662
9 Roberson Jas D Δ LI 4368
10 Tennant Mark A
11 Sprague Harry E Δ KE 6486
12 Edelmann Wolfgang
Δ KE 0038
10804 Loy Herbert @ Δ LI 3961
10806 Crook Lynn E Δ KE 1718
10808 Cowles Leon A Δ LI 3481
10810 Burnham Richd O
10812 Hogenson Otto M Δ LI 1706
10830 Spada Legnard N
10840 Doekter Fred J @ Δ LI 4406
10918 Kelly Merlin E @ Δ KE 7712
10934 Rose Robt W @ Δ KE 6687
Estep Lewis
11014 Connors Anna E Mrs @
Δ KE 5871
11038 Wessling Elmora A Mrs @
Δ KE 7700
11044 Atkinson Neal M @ Δ LI 1154
cor 11th av Parkrose Am Legion Post
No 160
11104 Riley Clarence R @ Δ KE 5174
11122 Cloud Wm H @ Δ KE 0452
11152 McGinnis Donald W
Δ LI 0526
11206 Berry Ardeah M Mrs
Δ LI 4640
11218 Bennight Buddy Δ LI 9418
11229 Ganjian Robt O @ Δ LI 4311
11241 Arjavac Edw A @ Δ KE 9250
11250 Parkrose Baptist Ch
11285 Under construction
11266 Pitts Bernice E Jr Rev
11314 Grace Arth J @
11322 Grace Robt A Δ LI 4987
11343 No return
11407 Beoletto Vincent A @
11408 No return
11419 Vacant

89
YALE, N — From 7025 N Olin av W
N Fiske av intersects
4750 Davis Wm C @ Δ TW 0603
4767 McCumsey Louis
4768 Oberg Vernon J @ Δ TW 3359
4773 Thompson Elmer S @ Δ TW 5726
4776 Gallpeau Jos A @ Δ TW 3550
4779 McLennan John @ Δ TW 3385
4782 Churchill Wm @ Δ TW 9530
4785 Salvo Eug C @ Δ TW 3584
4788 Jubie Albert J @ Δ TW 2922
4792 Carlson Albert T @ Δ TW 3342
4795 Kerekes Paul @ Δ TW 1046
4796 Adams Wayne @ Δ TW 0581
91
N Fiske intersects
4818 Haven Elbert L @ Δ TW 6160
4823 Campbell Jos E @ Δ TW 2623
4829 Churchill Floyd @ Δ TW 2053
4830 Gilbert Roswell C @ Δ TW 8937
4837 Collins Cleo M
4840 Brown Bill J Δ TW 4719
4900 McGlumphy Geo T @
Δ TW 1509
4909 Nufer Robt J @ Δ TW 3666
4912 Vogt John P @
4921 Browning Emil R @ Δ TW 8903
4922 Swodburgh S Bradley @
Δ TW 1450
4928 Scougale Floyd R @ Δ TW 7543
4933 Alexander Frank J @ Δ TW 8546
4941 Wright Wm H Δ TW 4089
N Haven av intersects
5009 Mihovilovich Thos @ Δ TW 3184
5012 Arjavac Anthony J @ Δ TW 6844
5022 Arthur Lawrence E @ Δ TW 0208
5023 Addi Jos J @ Δ TW 0065
5032 Farrier Ralph E @ Δ BU 9-8046
5104 Hathaway Robt L @ Δ TW 4626
5105 Vanek Ethel C Mrs @
Δ TW 6528
5115 White Robt @ Δ TW 2192
5118 Newell Michl F @ Δ TW 9917
5129 Pritchard Marian Mrs @
Δ TW 4763
5130 Ryan Kenneth J @ Δ TW 5357
N Hodge av intersects
5212 Meyers Homer D @ Δ UK 3712
5215 Adams Esce E @ Δ TU 7640
5222 Holdner Wm J @ Δ TW 8266
5225 Jensen Hans P @ Δ TW 9533
5227 Penman Percy E Jr @
Δ TW 8329
5230 Eykelbosch Jack @ Δ TW 4212
5237 Vacant
5238 Tooley Glenn C @ Δ TW 6789
5241 Larkin Laura D Mrs @
Δ TW 2065
N Stafford av intersects
5253 Jensen Henrik F @ Δ TW 1263
5254 Fahrer Jas B @ Δ TW 7503
5261 Phelps Edna G Mrs @
Δ TW 1349
5267 Moore Chas W @ Δ TW 1390
5268 Waible Chas R Δ UK 2480
5282 Fallihee Thos E @ Δ TW 8175
93
N Portsmouth av intersects
5333 LaDuke Harold L @ Δ TW 0521
5407 Dixon Floyd E @ Δ UK 1524
5410 Taylor Nita J Mrs Δ TW 0663
5417 Hines Albert H @ Δ TW 7658
5428 Albright Henry W
5508 Skidmore Delores A Mrs
Δ TW 5071
5516 Morrison Jos @ Δ TW 7851
5530 Wilson Wilda G Mrs @
Δ TW 2735
N VanHouton av intersects
5601 Astor John Jacob Sch Δ TW 9490
5608 Hines Henry H @ Δ TW 1405
5630 VanWart Goldie C Mrs @
Δ TW 3029
5705 Schott Saml @ Δ TW 3782
5717 Hines Albert H @ Δ TW 8658
5718 Wilson John F @ Δ TW 4070
5802 Fenimore Lloyd E @ Δ TW 7108
5810 Truman Stanley L @ Δ TW 3715
5811 Chambers Chas R @ Δ UK 1321
5822 Nelson Edsell R Δ TW 5008
N McKenna av intersects
5905 Weber Richd M @
5925 Deseli Richd M @ Δ UN 3942
6015 Wilters Warren @
6027 Karteword Carsten @
N Wall av intersects
6207 Kalimanis Saml @ Δ UN 2275
6208 Nicholas Frank J @ Δ UN 4639
6214 Vollertsen Walter C @ Δ UN 4621
6219 Weiss Alex @
6220 Vacant
6300 Riggs John A @ Δ UN 0227
6301 Alton Ralph A @ Δ UN 2124
N Westanna av intersects
6405 Tigli Mario D @ Δ UN 2983
6412 Goodman Kenneth W @
Δ UN 2837
6422 Steinfeldt Edw A @ Δ UN 2671
6423 Mustafa Abr @ Δ UN 1968
6432 Fisher Glenn F @ Δ UN 2360
6441 Plock Albert @ Δ UN 3157
6442 Golik Dant A @ Δ TW 1622
6452 Slaby Agnes V Mrs Δ UN 2633
6453 Wiekline Lewis B @ Δ UN 5786
6500 Rich Chas N @ Δ UN 0428
6505 Miller Alex @ Δ UN 5092
6508 Haab Elmer F @ Δ UN 1267
6516 Maxwell Jas E @ Δ UN 4647
6517 Higgens Owen @
6524 Lindquist Hector H @ Δ UN 5235
6525 Volpa Jos @ Δ UN 5655
6534 Sutter Robt L @ Δ UN 5606
N Macrum av intersects
6621 Sether Palmer
6722 Vacant
6727 Tabshy John S @
6731 George Stephen B @ Δ UN 2756
N Carey blvd intersects
236
YAMHILL, SE — From the river e, 2
s of SE Morrison
ft Knappton Towboat Co Δ VE 3171
33 Peyton Bag Co mfrs Δ FI 6461
41 Spike & Suzie's Cafe
Δ VE 9654
SE Water av intersects
50 Rosen Ernst A @
61 Harris Ice Mach Wks mfrs
Δ EA 6161
80 Harris Ice Mach Wks (whse)
81 Sellwood Transfer Co Δ FI 9378
SE 1st av intersects
105 DeLapp Lester Truck Serv draymen Δ FI 4904
Roberts Bros (whse) Δ CA 5592
ext 17
SE 2d av intersects
238 Fink Frank Co whol food
Δ EA 6139
SE 3d av intersects
SE Union av intersects
SE Grand av intersects
334 Pacific Fruit & Produce Co
Δ VE 1344
234
SE 6th av intersects
630 Atlas Apartments Δ VE 9796
Donohue Anne E Mrs mgr
1-2 Donohue John T
3 Howard M B Mrs
4 Ellenwood Frank
5 Edson Stella
6-7 Vacant
8 Huber Henry
9 Maus D J
10 Blue Robt
11 Hale Harry
12 Ward Clare
14 Thompson Geo O

YAMHILL, SE—Contd
Atlas Apts—Contd
15 Caviness Etta D
16 Barnes Florence Mrs Δ FI 1377
17 Brown Jos N
18 Flath Gerald
19 Jesse Hunt
20 Fitzgarrald Frank Δ EM 6909
21 Lindekugel Sylvester W
22 Strathouse Clara Mrs Δ EA 2851
23 Russell Justus
24 Hume Ronald
25 Johnston Grace Mrs
26 Kay Jessie M Mrs
27 Lindberg Jim
28 Harper Carolyn
29 Hopwood Benj
30 Denman Ray
31 & 32 Hood Pearl Mrs Δ EA 2775
33 Vacant
34 White David
35 Vacant
36 Willander Alex
37 Foldesi Harold
38 Michaelson Velma
39 Shields Lulu Mrs
40 Willson H B
41 Johnson Arth E
42 Wilhite Vivian
43 Mayes Geo
44 Duckworth Rosie Mrs
45 Carroll Jas A
46 Burr John
47 Butcher N E
48 Cox Grace E
49 Butch Edgar
50 Ellis John L
51 Califf Arnold
52 Mitchell Gene
53 Vacant
54 VanHoosen Joan Mrs
55 Beckel Ray
57 Chestnut Edw
58 Braden Marie
59 Mishke Edw
60 Olsen Ole
61-62 Vacant
63 Borgogni Vincent Δ VE 9796
SE 7th av intersects
721 McKinley Corp test equip
Δ FI 7466
232
SE 8th av intersects
SE 9th av intersects
1219 McGowan Wm F Δ VE 3704
1222 Weir Harry E @ Δ EA 2424
1223 Durant Wm C @
1225 Hartman Ella S
McCarter Daca
1227 Apartments
1 Manning Chas @ Δ VE 0649
2 Durant Merle Mrs
2a Holt Laura B Mrs
4 Sherman Jessie Mrs
5 Vandehey Frances A
6 Prienty John
7 Hartman Ella
8 McCarter Daca
1235 Sauvie Apartments
Pimantel Evelyn Mrs mgr
1 Fisher Frank
2 Turner Harriett Δ VE 5717
3 Vareer Lyn Mrs
4 Carlton Clarence
5 Doving Robt
6 Vacant
7 Kronenberg Opal Mrs
8 Sheets Mary Lou
9 Reynolds Alta M Mrs
10 Tessier Ernest
11 Vacant
12 Pimantel Michl Δ EA 5994
1236 Vacant
SE 13th av intersects
1305 Raicy Fannie M Mrs @
Δ EA 6405
Miller Sally C
Watson Grace M
1311 Smith Charline Mrs @
Δ EA 5979
1318 Wallace Wilhelmena E @
Δ VE 6067
1325 Apartments
1 Roach Wesley C Δ FI 4750
2 Riddle Jas E
3-4 Vacant
5 Williamson Jas
230
SE 14th av intersects
2020 Winkelman Ethel Mrs Δ EA 6456
2026 Dowdy Irven @ Δ FI 1171
Mann Chas E
2031 Fleury Harley D Δ VE 0593
2039 Riley Jack C @ Δ VE 5267
2045 Mackey Lyle Δ EA 0794
Vacant
SE 21st av intersects
2101 Chantler Jessie G Mrs
Δ FI 2161
2104 Vacant
2106 Read John H @ Δ EA 0042
2107 Kourand Sylvia @ Δ VE 6920
Mitchell Loren V Δ EM 9816
2112 McKinley Edith L Mrs
Δ VE 4278
2115 Wiebusch Howard H @
Δ EA 3058
2116 Fergusen Alvin D @ Δ FI 1693
2124 Koopman Margt Mrs @
Δ EM 1090
Linn Danl B jr
2125 Lester Berjetta S Mrs @
Δ EA 6534
2131 McEwen Ida M Mrs @
Δ EA 6400
2134 Trine Morse E @ Δ VE 6078
2137 Owen Louis @ Δ VE 6006
2147 Tuell Anna M Mrs @
Δ EM 9404
SE 22d av intersects
2203 Elliott Jerry C @ Δ VE 4322
2213 Metz Melvin Δ EA 0355
2220 Martin Lewis @ Δ EM 2754
224
SE 23d av intersects
2305 Baxter Anna C Mrs
Oehmer Ella Mrs Δ EM 4925
Spurlin Chas H @ Δ EM 6018
Wilburn Louise Mrs
2322 McClure Wayne Δ EA 9996
2323 Moon Eliz J @ Δ EM 3801
2328 Carrington John A Δ VE 0579
2331 Wahl Adolph @ Δ EM 2787
2332 White Louise Mrs
2338 Wilson Bertha J Mrs @
Δ EA 8546
2339 Madsen Wilfred M @ Δ EA 8340
2343 Saens David C Δ FI 3864
2345 Heth Martin Δ EA 3377
2348 Janney F Floyd @ Δ FI 1736
2353 Kerr W A Δ EA 9716

MORRISON SE 1950

Is answered in the
CLASSIFIED BUSINESS LISTS
in this Directory. Consult them.

605 Stanley Home Products Inc food products
607ΔState Farm Mut Automobile Ins Co
611ΔWeatherly Ins Agcy
613ΔCrystal Ice & Stge Co
ΔOffice of Bldg
614ΔKeeney P E Co machy mfrs
702ΔLibby McNeill & Libby canners
705-06ΔFram Corp oil filters
707ΔMcCready W J Lbr Co
ΔTualatin Lbr Co
709ΔOlson Brokerage Co food brokers
711ΔCarlson E O safety eng
716ΔWells & DeLap accts
801ΔOre Assn of Trade Executives
ΔOre Frozen Food Locker Assn
ΔTru Lan Inc wrapping serv
ΔWestern Locker The publication
805ΔAmstutz Elam lawyer
806ΔLeonard Tom Agcy ins
807ΔCecchini Ins
ΔO'Brien R A mfrs agt
811ΔJohnson-Lieber Co mdse broker
905ΔSuskow G R phys
906ΔKramer H M dentist
909ΔBailey M P Co food brokers
909ΔSealy Brokerage Co food prod
911ΔColumbia Breweries Inc
914ΔHall C C lawyer
ΔWeiser L V lawyer
1003ΔHansen & Comer Dental Labty
1007ΔDutton P E dentist
ΔHomann P H phys
ΔMcIntyre K R dentist
1012ΔDiament R H dentist
1013ΔSick's Brewing Co
1015ΔCollins H E osteo phys
ΔLowe G L dentist
1101ΔJewett Agcy The ins
ΔProvident Life & Accident Ins Co
1103ΔMcGill A T lawyer
1105ΔAnderson J T patent solicitor
1107ΔGoldman Jack phys
ΔVose B A dentist
1111ΔHill R R dentist
1112ΔLee V M dentist
1114ΔHumberstone G E dentist
1116ΔJohnson W R dentist
1201ΔCal Fruit Growers Exch
1207ΔClifford C W dentist
ΔSproat Jas phys
1212ΔBojinoff S A dentist
1213ΔBarbur A D cellophane prod
1216ΔGriesinger W H dentist

Street continued

517 Bubenik Jas tlr
518ΔWeatherly Bldg Barber Shop
519ΔGrand-Morrison Variety Store
520ΔCrown Jwlry & Sporting Gds
521 Wessler V H optometrist
524ΔPac Inland Tariff Bur traf bur
ΔTransport Clearings of Portland
525ΔClifford Hotel Barber Shop
527ΔClifford Hotel
Riddel A B mgr
531ΔCurl Shop beauty shop
534ΔTextile Wkrs Union of Am
535ΔSmall G F Co The auto parts

SE 6th av intersects 17

601ΔAlderson's Cafe
607-09ΔRude's Place beer parlor
611ΔHowe E D Ins Agcy
612ΔFirst Natl Bank of Portland
The East Portland Branch
613 Larson R M shoe repr
Mosley Mitchell shoe shiner
617 Troy J S barber
619ΔLeather Garment Shop clo mfrs
621ΔElma's Beauty Nook
ΔHerget H K Mrs picture frames
625ΔRoy Clnrs
627ΔEast Side Ins Agcy
629Δ**Ivaho Apartments**
ΔFortier Cleveland mgr
Sommers Mary nurse
631 Vacant
633ΔEvalee's Plastic Specialties mfrs
634 Brown L M gas sta
639ΔBloodgood C L restr

SE 7th av intersects

717Δ**East Morrison Apartments**
ΔKirtsis A C mgr
719ΔWillamette Tariff Bur Inc
723-27ΔKrauser J L Co contrs
726ΔTire Sls & Serv Inc
729 Vacant
735ΔCentral Appliance Co lighting equip
ΔHouston's Home Charm Serv rug clnrs
ΔRaeco Sls Co floors
Stack Jas Co whol toys

SE 8th av intersects

807ΔFisher P I Mrs
808Δ**Grand Central Mkt**
ΔBakke's Meat Mkt
Beanie & Bob's Lunch restr
ΔBio-Chemic Health Food Shop
ΔCascisa P M prod
Coffee Mug The restr
ΔFarmers Ins Group
ΔGrand Central Cigar Store
ΔGrand Central Florist
ΔGrand Central Fountain Lunch
ΔGrand Central Grocery
ΔGrand Central Variety Store
ΔGrand Fish Co
ΔHageman's Delicatessen
ΔHenry's Coffee Shop
ΔHerlen Homes Inc contrs
ΔHumke Ken R Co paints
Johnson L H shoe shiner
ΔJones A M vacuum clnrs
Kappel's Old Holland Bakery
ΔLew's Grocery
ΔLew's Toiletries drug sundries
Liberty Fruit Co
ΔMarket Lock & Key Shop
ΔMarket Lunch
ΔPickle Barrel The delicatessen
ΔPortland Figurine Co statuary
Puritan Maid Dairy Store
ΔRoseway Dairy
ΔRoutledge Seed & Pet Shop
Scafidi Jos prod
ΔService Bureau notary public
Stewart's Candy Kitchen
ΔStott H S watchmkr
Trotters Jack prod dlr
ΔVan Gorder's Delicatessen
ΔWarren-Teed Products Co whol drugs
813ΔMatthies F W ©

SE 9th av intersects

927ΔStar Quil restr
932ΔPortland Independent B Grade Milk Producers Assn
940ΔSpringbrook Dairy

SE 10th av intersects

1001ΔBest Auto Spring Co mfrs
1029ΔHoffer Glass Co
1040ΔIndian Northwest Sales Co motorcycles

SE 11th av intersects

1105ΔColumbia Exporters Inc
1120ΔBradley's Pies Inc whol
ΔTracy O H

SE 12th av intersects 19

1216 Vacant
1230Δ**Rex Arms Apartments**
Alford C L
ΔAllen R E
Ballard G D
ΔBarkhurst Nellie L
Bergeron Rosa Mrs
Bergeron Rosena Mrs
ΔBergman O H
Cason Guy
Castellano A L
ΔCoffey J R
Conrad H M
Davis G M Mrs
Domaiko O G
Edwards C M
Fish W E
Franklin Gertrude
ΔHamburger M A Mrs
ΔHardman Mary A
ΔHill A F
Hilleary F E
ΔHively Mary L
Holmes E M
Ingalls J M Mrs
Jiroch Mary
Johnson D J
ΔJordan P L
Kirchel J C
ΔLamerton L J
ΔLindsay L M
Marshall C D
ΔMcPhee Eunice Mrs
Menzies F J Mrs
Michelbrook C A Mrs
ΔMiley E H
ΔMuir H G
ΔNelson A M Mrs
Oliver Shirley
ΔOtt M S Mrs
ΔParker Marguerite
ΔPatitucci E A
ΔRead B F
ΔRushford R V
Schradle M J
Sharp C J
Sharp L C
ΔStewart Fern L
Svaiger M A
Swindell D A Mrs
ΔTaylor A J jr
ΔTupper R E
Van Wert J L
ΔWaite L C Mrs
Wheelock W C
ΔWilson C M Mrs
ΔWohlschlegel Elma E
Zimmerman Ward A
1237ΔGerkin A A ©
1245ΔMorris C V
1247 Morris J C

SE 13th av intersects

1300ΔVic's Sundries & Toiletries
1301ΔHerndon O J
1303 Hallberg C C
1305ΔLa Rocque Roderick
1307ΔJackson C A ©
1311ΔWinger H K
1315ΔNorris Evelyn
1317ΔPenney J H ©
1321ΔWhisman L G Mrs
1322ΔWilliams B I ©
1323ΔZinger John ©
1327ΔThorsen Eline Mrs ©
ΔTompte C E Mrs
1328ΔPresto Clnrs
1335ΔSchulz J F © shoe repr
1336ΔRoyal Hdw & Appliance
1339ΔSchulz A M Mrs beauty shop

SE 14th av intersects

1400ΔHi-Time Tavern
1401ΔKienow's Food Stores gro
1408ΔKienow's Food Stores (candy kitchen)
1412 Kienow's Food Stores (whse)
1416ΔDial H C barber
1504 Levi L S ©
1505ΔClark V B ©
1507ΔLa Vassudre W J
1511ΔStone K L
1513ΔNelson R C Mrs
Wiggins E M Mrs
1517 Hays A O
1519ΔSwigart H A
1520ΔGraves H C ©
1523 Hallman N W Mrs
Herndon & Hallman Variety Store
1525ΔKolden H B Mrs
1533ΔContract Hdw Serv
1534ΔWarnke L C © shoe repr
1535ΔKallimanis S D ©
1537ΔMorris Scale Co

SE 16th av intersects 21

1604ΔPelto A A
1610 Bowman J L
1617 **Sylvester Apartments**
Couture Wm
Hand Rodney
Hibner Mary Mrs
Pederson E A
Read W
Sullivan W A
ΔSylvester L H ©
1618ΔBeecher Ruth F ©
1625ΔSpencer N K Mrs
1630ΔClift J L
1635ΔLane N J © genl contr
1636ΔHanna C E Mrs ©

SE 17th av intersects

1705ΔBalogh Jos ©
1725 Preston W N
1733ΔWiseman's Printery
1735ΔWiseman T A ©
1737ΔModern Typesetting Co

SE 18th av intersects

1807 Johnson C A
1808ΔHolm P M
1811ΔBrown L A Mrs
1812ΔJenkins G W ©
1814 Clessler A C Mrs
1815 Poletiek E E
1817ΔWhite R E
1818ΔAnderson Kate Mrs
1822ΔSiemsen J M ©
1823ΔExley Caroline ©
ΔCornine J B
ΔMoon Eliz J
1828ΔLarrabee M E Mrs ©
1835ΔJeffries Efthemios

SE 19th av intersects

1905ΔJacobs D E Mrs © mgr
1907ΔSkalahiem Edna Mrs
1910 Vacant
1912ΔMecum Rosemary L
1914ΔHurt L E Mrs
1917ΔAnderson A M Mrs
1918 Groble O P
1919 Obenhaus C H
1921ΔGripp Sylvia M
1922 Rose J W jr
1924 Schniett Richd
1925ΔRose City Sound Co recording systems
1926ΔCampbell Jas
1926ΔFarley K L
1928 Norris Robt
Seglem H J
rear Larimore M M
1931 Vacant
1933ΔJoyce Beauty Salon
O'Dare Joyce C
1934 Vacant
1935 Regnell Edith Mrs
1936ΔBailey R R
1937ΔLundstrom E J
1939ΔHarold's Grocery
1940ΔPiccadilly Inn beer parlor

SE 20th av intersects 23

2045 Averhoff Waneta
2046ΔRasmussen C M ©
2052ΔSchield Laura Mrs
2216ΔHruby Jas ©
2230ΔCole W T
ΔSmith D C
ΔThomas A L
ΔThomas V A

SE 23d av intersects

2320ΔPowers E K Mrs ©
2334ΔVoeth H F ©
2402ΔCuda T W ©
2430ΔMcIntyre J D Mrs
2432ΔKutter H F

SE 25th av intersects

2518ΔBarker Inga Mrs
2526 **Leone Apartments**
Davis Ruth Mrs
ΔFox LeRoy
ΔMoran Mary Mrs
ΔPrior L R
2536 **Roberta Apartments**
Phelps R R
Poole H E
2546 Phelps R R

SE 26th av intersects 29

2613ΔHuffman D B
ΔKaster M M Mrs
2615ΔMiller D J
2623ΔHanson V H Mrs
2625ΔWilson Wayne
2626ΔRowley L R
2631ΔMiller J A
2635ΔKumler Ovid

SE 27th av intersects

2725ΔCampbell F H
2735ΔHazen B H ©

SE 28th av intersects
SE 29th av intersects

2921ΔDickens J W ©
2924ΔWheeler R B

Insw Bro CONSU ACTU AVEI ADJUS — Ma an McLe — Equitab

ANSWERING SERVICE PAY-OR

10TH AVE SE 1950

IN THIS DIRECTORY

4072ΔHohnstein G J ◎ refuse colr
NE Mason intersects
4103ΔHarvey Win gro
4106ΔGeisel David ◎
4114 Brueckner M G ◎
4115ΔLehl C C ◎ refuse colr
4127ΔYarnell H E ◎
4128ΔCity House Moving Co ◎
ΔPedersen Chas ◎
4133ΔPihl C W ◎
4136ΔBilleter B F ◎
4206 Elliott Beryl O ◎
4207 Adkisson C T ◎
4215ΔFoelkl P J ◎
4216ΔGough A L Mrs ◎
4226ΔPierce O N ◎
4227ΔCollins R W ◎
NE Skidmore intersects
4305ΔCaldwell C R ◎
4307ΔPortland Star Printers
ΔSaunders F E ◎
4315ΔMaki W T ◎
4325ΔHohnstein Amelia Mrs ◎
4326 Patty I D
4403ΔBaker Elbert ◎
4408ΔRutstein M F
4413ΔDickel H R ◎
4416ΔBarcus R O
ΔHaag Dina Mrs
4423ΔWhiting R P ◎
4426ΔSteele Thos ◎
NE Prescott intersects
199
4525ΔDenny P N ◎
4526ΔBetich J L ◎
4533ΔMoore A R ◎
4535ΔWhiffin W B
4536ΔRichardson L M Mrs ◎
4545ΔScherlie M A Mrs ◎
NE Going intersects
4606ΔLofquist J A ◎
4608ΔRaines Grace L
4622ΔLewis Harold ◎
ΔLiles V E
4625 Vacant
4705ΔBishop E L ◎
ΔFloyd J W ◎
4706ΔNelson L H ◎
4717ΔKramer T S
4725 Hanson Genevieve
4727ΔLindquist J B ◎
NE Wygant intersects
4807ΔKane A P Mrs ◎
4815ΔWilson D C ◎
4820ΔHaralampus Gus ◎
4830ΔO'Brien H M ◎
4845ΔWilliams B H ◎
4846ΔRudarmel Jacob ◎
4849 Avolesi Anthony ◎
4855ΔPidcoe E J Mrs ◎
4903ΔJames F O ◎
4904ΔPeterson R L Mrs ◎
4909ΔOllermann D C ◎
4910 Christy G E ◎
4919ΔSnyder D W ◎
4933 Gressel J W
Larson Bessie Mrs ◎
Larson C E
Molde B C Mrs ◎
4936ΔNichols F G ◎
4941 Milliken A W ◎
4949ΔColeman R P
NE Alberta intersects
5015 Pomeroy W B
5017 Miller I E ◎
5018ΔWheeler J S ◎
5026ΔLarsen H E O ◎
5027ΔForbes W A ◎
5035ΔHergert Adam ◎
5036ΔFrison H J ◎
5045ΔRoss J M ◎
5048ΔKreitzer Walter ◎
5049ΔDohl W G ◎
NE Webster intersects
Unopened to NE Emerson
5310 Goe M H
5311ΔDubuque W J ◎
5314ΔGould W E
5316ΔRiffel S J
ΔSadler H S
5321ΔStory H A ◎
5324 Vacant
5326ΔReese A M
5404 Hagelgang J W
ΔMoran L J
5405 **Apartments**
ΔFavor G H
ΔGolden H L
ΔHarris G R ◎ oil distr
ΔKays W D
Kuhn L S
Leiferman B J
ΔWicktor June
ΔWiggins G D
ΔZwick W H
5524ΔHicks A M Mrs ◎
5414ΔMorton W M
5424ΔFlood Ragnhild ◎
NE Killingsworth intersects

201
5525ΔMongrain T K ◎
NE Church intersects
5605ΔEichler Henry ◎
5606 Gerrans A J
5615ΔSiddorn M H Mrs ◎
5622ΔButler R A ◎
5625 Johnson Helen Mrs
ΔShull M V Mrs ◎
5634ΔVick R J ◎
5700ΔGoodale N G Mrs ◎
5701ΔSherman J D ◎
5707 Vacant
5708 Pattison Wm ◎
5713 Smith L F ◎
5714ΔDorigan F W ◎
5722 Vacant
5723ΔDerr B G ◎
5731ΔLalande A G ◎
5734ΔHagen M O ◎
NE Jessup intersects
NE Jarrett intersects
5820ΔWarnock Eliz Mrs ◎
5834ΔStowe R L ◎
5842 Fowler F A ◎
5853ΔBradley L C
5900ΔToban R E ◎
5903ΔKessler D R
5910ΔRogers R W ◎
5918ΔTopp C W ◎
5919ΔHanson E H ◎
5930ΔHecker E M Mrs ◎
5931ΔStevens F P
5946ΔThomas R M ◎
NE Ainsworth intersects
6024ΔZirr Jos ◎
6025ΔBenedict E L ◎
Schmidt Louis
6032ΔIngwood W A ◎
6107ΔStensland I N ◎
6112ΔBrady F E ◎
6125ΔCartwright F J Mrs ◎
Pearse Judith J
Tillson Vernice
6130ΔSwain R E ◎
6131ΔGrimes D P ◎
6204ΔCarson K M ◎
6205ΔKnowles A L ◎
6217ΔThoman Herman ◎
6220ΔCarey C R ◎
6235ΔWatson J R ◎
6243ΔJones Edwin D ◎
6244ΔZwahlen J S ◎
NE Holman intersects
6324ΔLivesay Virgil ◎
6333ΔWebster J D ◎
6336ΔOlson C H ◎
6344 Ketchum G M ◎
NE Highland intersects
6401ΔWoodlawn Methodist Ch
6404ΔBurris L A ◎
6414 Smart E G ◎
6422ΔChatas F H jr
6431ΔBerg Virginia Mrs
NE Portland blvd intersects
NE Durham intersects
208
Unopened to NE Madrona
7010ΔCrawford Lulu Mrs ◎
7018ΔBoland J B ◎
7028ΔLindsay R O ◎
7033ΔMiller S D ◎
7114ΔFrichtl W P ◎
7115ΔEdmonds M F Mrs ◎
7122ΔNesbitt A E ◎
7127ΔEvans W N ◎
NE Buffalo intersects
7206 Orr F F ◎
7216ΔDerring Conrad ◎
7235ΔTate Howard ◎
7236ΔGutschow R J ◎
NE Holland intersects
7405ΔWard G E ◎
7657 Glockner O H
7666ΔSluka Pearl M
80
10TH AV, NW — From 1001 W Burnside n
2ΔMontclair Tavern & Coffee Shop
4ΔMontclair Hotel
8ΔMayflower Inter-Ins Exch
28 Vacant
NW Couch intersects
100ΔArmory Automotive Serv reprs
109**ΔArmory The**
Rooms:
3 Armory Exchange restr
7 State Natl Guard-162d Infantry 2d Battalion
17ΔState Natl Guard-State Detachment
21ΔU S A Selective Serv Bd No 5
ΔU S A Selective Serv Bd No 30
ΔU S A Selective Serv Hdqrs
ΔU S Selective Serv Board No 27
ΔU S Selective Serv Board No 28
ΔU S Selective Serv Board No 29
Street continued
122 Tenth Ave Body & Paint Shop
138ΔBurns W E-Dan Burns whol auto parts
NW Davis intersects
205ΔFederal-Mogul Serv bearing mfrs
206ΔWalker Elect Wks motor reprs
213ΔPotter-Webster Co whol auto parts
221ΔH-G-S Grinding Serv mach
222 Underwriters Salvage Co (whse)
225ΔBusy Bee Cafe
226ΔGriffith Bros Engineering whol auto parts
228ΔMcCarthy D H
229ΔCertified Heating Co Moore Equip Co oil burners
230ΔOtis Elev Co mfrs
235ΔFarnham E A Co auto reprs
NW Everett intersects
301ΔSpecialty Auto Equip Co glass dlrs
308 **Apartments**
Bell Harry
308 Holt Dewey
Kenney Jasper
Wilczynski J L
312 Oregon Buddhist Ch
315ΔCommercial & Home Furnishers
322ΔAuto Wheel Serv (parts dept)
327ΔBallou & Wright auto equip
330ΔAuto Wheel Serv mfrs
NW Flanders intersects
94
404ΔCronin Co The whol *auto accessories*
416 Vacant
430ΔOhio Cheml Pac Co whol drugs
ΔAir Reduction Pac Co oxygen producers
ΔPure Carbonic Co carbonic gas mfrs
435ΔCummings Tire Co Inc
NW Glisan intersects
509ΔEoff Elec Co
525ΔHallidie Machy & Equip Co Inc
539ΔGraham's Cafe
NW Hoyt intersects
600ΔCorner Coffee Shop
608ΔNew Western Hotel
610ΔDoxey Printing Co
616 Vacant
618 Vacant
630ΔU S Rubber Co
NW Irving intersects
716 Bever Walter Co fertilizer
ΔEmerson Trucking Co
ΔMaas Freight Transport
ΔRich Frt Lines Inc
NW Johnson intersects
NW Lovejoy intersects
3
10TH AV, SE—From 1001 E Burnside
9ΔLees H D
11ΔVanetta L C
12ΔWinkler M J ◎
SE Ankeny intersects
115ΔFordyce H B Mrs nurse
135ΔFarrell M C ◎
SE Sandy blvd intersects
SE Ash intersects
SE Pine intersects
SE Oak intersects
217ΔJohnson Dora Mrs ◎
404ΔCate D C
406ΔJames C M ◎
410 Gulbrandson Caroline Mrs
412ΔJames Emma ◎
415ΔWhite G N ◎
418 Oliver H A Mrs
420ΔWitkowski Irene Mrs
423ΔHoward J L ◎
SE Stark intersects
13
508ΔBoreen C E
516ΔHaffey N H
523ΔCarr W F ◎
529 Holland J T ◎
523ΔMcKennett G J
539 Hall Mayme Mrs
SE Washington intersects

614ΔBailey P E Mrs ◎
615 Claxton E C
SE Alder intersects
705 Ferrier M M Mrs
715ΔWatson Jeff
723 Adams M M Mrs
SE Morrison intersects
17
800ΔCity Linen Coat Apron Towel Supply Co
SE Belmont intersects
915ΔAll State Produce Co whol
917ΔBelmont Club Smoke Shop cigars
921ΔMarket Club Restr
927ΔGatto & Sons Inc whol prod
935ΔForney & Sons Inc whol prod
ΔForney Frt Lines auto frt
SE Yamhill intersects
1030 Vacant
SE Taylor intersects
1127ΔOregon Brass Wks
1138ΔFruehauf Trailer Co *mfrs*
SE Salmon intersects
SE Main intersects
SE Madison intersects
1427ΔP & S Paint Co whse
SE Hawthorne blvd intersects
1513 Smith W L ◎
1517 Western Golf Course Sup Co (whse)
1528ΔDavenport J L
1529 Vacant
1532 Ray Edna E
1534 Flora Blanche Mrs
1536ΔNielsen J H
1538ΔMiller Raymond
SE Clay intersects
1616 Van Hoomissen C J ◎
1617ΔTwin Pine Body Wks auto body reprs
1628ΔSeaman J C Mrs ◎
SE Market intersects
1711ΔLangendorf United Bakeries Inc
1736ΔMason B E Mrs ◎
Plank E A
SE Mill intersects
1810ΔRoots & Schetky Inc truck body mfrs
1835ΔKerr Conserving Co preserve mfrs
SE Stephens intersects
SE Harrison intersects
1906ΔCoast Transport Inc
1917ΔDaen V R ◎
1921 Lilcher H C ◎
1924ΔBerry L J
1937 Hoban K W
SE Harrison intersects
2000ΔKoski Eino ◎
2004 Anderson E L
2010ΔJudd Jack
2012 Bengston Lloyd
ΔSanasac V H ◎
2025ΔLee M T ◎
2026ΔHunter P A
2034 Jones O H ◎
Krueger Maynard
2035ΔMorgan R E ◎
SE Lincoln intersects
33
2100ΔOre Wood Products Co
2126ΔCatto J L
2129 **Granten Apartments**
ΔAugustyn C J
Augustyn Lola Mrs mgr
Austin K B Mrs
Greer Lloyd
Jones Ethel Mrs
Lyons J L
Mansueti Anthonio
Monaco J J
Nance Eliz Mrs
ΔRobertson Kath Mrs
Stephens J W
ΔWeger T S
ΔWilkinson A H
SE Grant intersects
2204 Moithalcano Thos ◎
2205 House of Prayer
2212 Runyon Kenneth
2216 Jacobson Fred ◎
2217ΔRose Clarence
2225ΔDiel F C ◎
2231ΔHoleton L R ◎
Simpson J C
SE Sherman intersects
2304ΔAccuardi Tony ◎
2305ΔWheeler F M ◎
2313ΔWolff Martha Mrs ◎
2319ΔWolff E C
2323ΔCarlson G R
2326ΔLynn Chas ◎
Martley Edw
2332ΔSchellenburg G A Mrs ◎
SE Caruthers intersects

DIRECT MAIL ADVERTISING
• AUTOMOBILE OWNERS LISTS
• ADDRESSING & MAILING SERVICE
• MULTIGRAPHING

West Burnside at 14th Av

11TH AVE SE 1950

PORTLAND CHAMBER OF COMMERCE

11TH AV, NE—Contd
2603 Neilsen Pauline Mrs ©
2606 Coonan E M Mrs
2616 Gillingham J G ©
2617 Sexson W B ©
2626 Rogoway P F ©
2627 Baskerville W E ©
2636 Fisch L M Mrs ©
2637 Newman O H ©
NE Knott intersects 177
2703 Drain J C ©
2716 Erdman A A ©
2717 Heithausen F H ©
2726 Krebs D L ©
2727 Ross E S Mrs ©
2737 Canon R W ©
2738 Hartley J C ©
2747 Arp E V ©
2748 Swenson K J
2803 New S F ©
2806 Jones L E Mrs ©
2816 Maurer L H Mrs ©
2827 Wicke P A ©
2828 Briggs Nellie Mrs ©
2835 Reed Eug
2836 Rosich N G ©
2846 Bell E C ©
2847 Goodman H H ©
NE Stanton intersects
2907 Moulton E A ©
2908 Linebaugh F E Mrs ©
2915 Papadopulos Constantine
2918 Swendsen E A ©
2925 Siegel Nathan ©
2928 Husted A M Mrs ©
2933 Paulsen B C ©
2936 Norgarden Emil ©
2946 Costello T W ©
2947 Gilbert C A ©
3006 Kors M A ©
3007 Sussman M D ©
3016 Muntz Peter ©
3017 Harrington W G
3026 Mullen A M ©
3027 Drew R W ©
French H C Mrs
3033 Seidler A E ©
3036 Dalton E E ©
3043 Dunlap Jas ©
NE Siskiyou intersects
3106 Bailey E H Mrs ©
3116 Southworth J E ©
3117 Glenz David ©
3123 Hasson I H ©
3126 Bloomberg Julius ©
3129 Appleton Eldredge ©
3132 Maier Alex ©
3137 Fine W N ©
3146 Schwab Marie Mrs ©
3147 Wallis June Mrs ©
3206 Coffman W R ©
3207 Young F S © saw mfr
3213 McIntyre L G ©
3216 Sundley C H ©
3221 Worth Lloyd
3229 James A R ©
3236 Krichevsky D R
3237 Richardson J F ©
3241 Leppert R H ©
3242 Rasmussen Marie Mrs ©
NE Klickitat intersects
3307 Hooper R C ©
3308 Pierson Ellen Mrs ©
3316 Kehm David ©
3317 Bernhardt W J ©
3323 Axe Abe ©
3326 Henderson W G ©
3335 Morgan A L Constr & Ore Corp
United Tractor & Equip Corp
3336 Huck Jacob ©
3343 Leppert Lena Mrs ©
3346 Marperrison M N ©
3403 Lehl Geo ©
3406 Peterson P S ©
3416 Munhoven Barbara J ©
3417 Beadling W C ©
3426 Cour F S ©
3427 Johnson E A ©
3433 Gullans Hiram ©
NE Fremont intersects
3506 Burbeck Harold © refuse colr
3507 Troudt Conrad
3512 Braband Susanna Mrs ©
3513 Lee C S ©
Metoyer M A ©
3523 Miller Henry ©
3524 Smith Fred ©
3532 Merrill J L ©
3533 Maas W M
3606 Lessard N S © refuse colr
3607 Weitzel W E ©
3612 McGuire W J
3613 Cook John ©
3623 Miller M M
3633 Gottfried L A ©
NE Beech intersects
3717 Marten Christ
3718 Klaus Henry refuse colr
3727 Miller A M Mrs ©
3728 Hanke Rudolph ©
3736 Albert John ©
3803 Harrington Lida Mrs ©
3806 Kuhel H E ©
3816 Conover G H ©
3817 Ferguson Robt ©
3825 Nelson W G ©
NE Failing intersects
3911 Henkel Harold © hse mover
3912 Bastrom Jacob ©
3914 Keyser R D
3916 Brehm Anna Mrs
3926 Jett Harold
3927 Dewberry Geo
3931 Geist Danl ©
3932 Urbach John ©
3942 Vacant
3955 Niedens Julia Mrs ©
3958 Duff D J ©
3966 Walker John ©
3967 Redlinger A F ©
NE Shaver intersects
4005 Vom Cleff C A
4006 VanHeuvel J A
4015 Glanz Henry © pntr
4016 George Ivy Mrs ©
4025 Coffee M M Mrs ©
4026 Young F A Mrs
4035 Trebelhorn R J
4036 Bowen Jean M ©
4046 Melcher Gustof ©
4047 Helzer P H © refuse colr
Whitsel Kath Mrs ©
4055 Schwan J A ©
4056 Loken A B © refuse colr
4064 Kammerzell Harold ©
4067 Meisner Carl ©
4072 Holliday K J
Murray Philip
Osgood Chas ©
4077 Peterson C W Mrs © Petersen's Grocery
NE Mason intersects
4105 Schreiner Geo ©
4115 Dimiduk Fred ©
4127 Feigion J A ©
4134 Betich P L ©
4137 Lakin C M
4205 Nelson Arth ©
4215 Brill C E ©
NE Skidmore intersects
4315 Ollermann A F ©
4316 Shippelhute A J ©
4324 Melcher Henry © refuse colr
4325 Decker I F ©
4407 Gregg S E Rev ©
4418 Young R L ©
NE Prescott intersects 199
4525 Green R E ©
4537 Rasmussen C W F
Watnee M E Mrs ©
NE Going intersects
4618 Thomson W H ©
4706 Conn Bernard ©
4714 Piazza P M ©
4715 Ganiere Ruth Spearow Evelyn Mrs ©
4724 Willman David ©
4725 Sloan W E Mrs ©
NE Wygant intersects
4808 Stickney R A ©
4814 Eisenschmidt B L Mrs ©
4815 Nelson H W Mrs ©
4822 Crawford A T ©
4823 Tittle A M ©
4833 McIntosh G D ©
4842 Brown G C ©
4845 Bigley J E ©
4848 Vacant
4857 McNeill B E ©
Humboldt intersects
4905 Rizor G G ©
4911 Schneider A D ©
4912 Wegner L H ©
4919 Barry John Rasmussen H P ©
4920 Wallace R A
4927 Daniels H J ©
4928 Vacant
4934 Bray B E Mrs ©
4935 Hanson H J ©
4942 Siegel K I ©
NE Alberts intersects
5016 Rowley M S Mrs
5028 Riley M B Mrs ©
5034 Baron Christian ©
5035 Wisdom F L ©
5036 Pellow H M ©
5041 Frison J F ©
5044 Clark W G ©
5048 Clark E M ©
NE Webster intersects
5109 Rhodes Wm ©
5121 Fredrieksen P M ©
5129 Smith F W
NE Cumner intersects
Unopened to NE Emerson
5304 Ekman J K ©
5305 Nelson R F ©
5310 Gruenig Elise Mrs
5311 Svehaug H V ©
5321 Pierson R L ©
5322 Chin B G ©
5403 Carlson H J ©
5404 Kregness A G ©
NE Killingsworth intersects 201
5504 Walter R L ©
5515 Wolfe P T ©
5525 Cruse C E ©
5526 Dupree R L © contr
NE Church intersects
5604 Davis W G ©
5605 Hughes E I Mrs ©
5614 Stafford O W ©
5615 Zivne S E
5617 Young J H
5623 Loofburrow W P ©
5624 Yost W H ©
5634 Ehrlin E F ©
5636 Silva E B ©
5704 McKinney F B ©
5705 Howard Elsie Mrs ©
5712 Somerville C F ©
5715 Johnson Andw
5724 Woell L A ©
5727 Hickenlooper Paul ©
5732 Bolen Clara M ©
5735 Bryant A M ©
NE Jarrett intersects
5804 Storm Ralph ©
5805 Hamilton R D ©
5814 Erickson Axel ©
5815 Metzenberg E W ©
5824 Staudenmaier R F ©
5825 Petroff Mike ©
5835 Petterson W T ©
5840 Badley Geo V ©
5845 East E H ©
5846 Pittack P F
5852 Granstrom Stanley ©
5901 Sorber M R Mrs ©
5910 Paulson Ole ©
5913 Cole I W ©
5919 Eberting M E ©
5922 Stickel W G
5924 Vacant
5932 Buckles R W ©
5933 Trindall H J W ©
NE Ainsworth intersects
6023 Fessler C A ©
6026 Roberts M E Mrs ©
6035 Crawford J S ©
6106 Daniels D C
6112 Gentry T M ©
6113 Kromm Chris jr ©
6125 Staley E A Mrs ©
6135 Warner H F Mrs ©
6204 Robinson Lester ©
6205 Wolf D S Mrs ©
6215 Gaines R C
6216 Kershaw E L ©
6225 Smith E D Mrs ©
6226 Burton R M ©
6235 VanDoren A H
6243 Georgeson E G Mrs ©
6244 Sliger H C ©
NE Holman intersects
6305 Johnson Wm H ©
6310 James W F ©
6322 Wickman F G Mrs ©
6323 Carothers E O
6337 Smith P J ©
6347 Jessup E C
NE Durham intersects
6419 Chin J T ©
208
Unopened to NE Oneonta
7011 Purvine C E ©
7021 Hinckley H B ©
7029 Kennedy L B ©
7037 Trotter J F ©
7045 Voyles C M ©
7103 Hilby A G ©
7101 Vacant
7121 Enfield L C ©
NE Buffalo intersects
7200 Woodlawn Sch
7205 Doumitt H C ©
7215 Mercer G L ©
7253 Denkert H A ©
NE Holland intersects
7329 McConnell F G
NE Stafford intersects
NE Lombard intersects
7506 Foster M T
7526 Wall H F trucking
NE Russet intersects
7603 Molinari Dom © florist
7624 Gagne J E ©
7634 Guff Ambrose ©
NE Baldwin intersects
7642 Watari J S ©
NE Columbia blvd intersects 80
11TH AV, NW — From 1101 Burnside n
24 Wentworth & Irwin Inc (garage)
34 Wentworth & Irwin Inc (parts dept)
NW Couch intersects
NW Davis intersects
221-31 Vacant
NW Everett intersects
308 Western Seat Cover Co
315 B & Z Automotive Serv pntrs
Columbia Auto Works auto trmrs
317 Heitkemper E B Towing & Storage
334 Wilson Sporting Gds Co
NW Flanders intersects 94
403 Faulkner Geo Co auto reprs
418 US Post Office (br)
US PO Parcel Post Annex
NW Glisan intersects
528 Coast Transit Bus Sls
Union Bus Sls
535 Great Western Printing Ink Co
537 International Printing Ink Corp Ltd
NW Hoyt intersects
NW Johnson intersects
Northwestern Transfer Co (distr depot)
11TH AV, SE — From 1101 E Burnside s
15 Pac Brokerage Co mdse brokers
17 Goldstein's clo mfrs
55 Am Auto Upholstery
Assoc Outdoor Adv Co
SE Ankeney intersects
SE Sandy blvd intersects
106 Woolbach Bros (br) tire dlrs
120 White Maxine
123 Schmunk Herman
125 McQueen J W
126 Gorman Ruth C
138 Mangum N D Mrs
SE Ash intersects
208 Cleghorn J E ©
212 Lawrence J B
216 Jones G C ©
221 Troy Lndy (cafeteria)
230 Vacant
SE Pine intersects
305 Tanory A A ©
311 Garrison L H ©
319 Baker J P ©
330 Grogan S J Rev
St Francis of Assisi Parish House
335 Borich N J
Borich Transfer Co
SE Oak intersects
421 Harnes J R
422 Parson H E
Zinn C W ©
7
SE Stark intersects
514 VanDusen C W ©
518 Reynolds Esther ©
523 Tillman M E Mrs ©
534 Klindt R M Mrs ©
SE Washington intersects
603 Haley J M Mrs
604 Purvis Clifford
608 Olson Victoria L ©
614 Buchanan F L
615 Carlson M E
Hong Yee Y
622 Hancock J W
630 Wonderling Truman ©
634 Paris E S Mrs ©
SE Alder intersects
711 Melcliffe Court Apartments
Allen Saml
Beck Bertha J
Blair N L Mrs
Bradley Geo
Bristow B I Mrs
Brooten G D
Clark G G Mrs
Clevinger R R
Cochran J L
Crofton Eva Mrs
Dickey J W
Dickson H H
Dickson Lulu J
Dugan J L
Eastman Gwen A
Galluci A C
Goughnour Gertrude
Harvey F E
Jansen Shirley M
Jennings C R
Johnson E S
Johnson I O Mrs mgr
Kenney M L Mrs
Klouchek C E
Majors D T Mrs
Maki J W
McDaniel G R
McKeever Barbara
McMillan Alice Mrs
Michelsen T J
Moore C B Mrs
Moser S H
Nolff F J
Olsen O F
Pomeroy Roberta M
Pulfer P R
Richards G W
Robinson A M
Salkko R P
Simoneau A A
Sims C M
Smith E C
Turner Albert
Twiner H A Mrs
VanDusen W F
Wardrop Earl
Wicklund C V
Williams W E
Wright A H
730 Gas-Ice Corp
SE Morrison intersects 17
SE Belmont intersects
951 Gardners' & Ranchers' Assn
M & R Produce
1010 Froskist Ice Cream Co
SE Taylor intersects
SE Salmon intersects
SE Main intersects
SE Madison intersects
1412 Meyer Fred Inc (ice cream plant)
1412-34 Meyer Fred Inc (fcty)
SE Hawthorne blvd intersects 31
1520 Western Aluminum Corp bldg mtls
1536 Animated Specialties whol photo novelties
Delano Aerial Surveys
Delano Leonard Studios comi photogs
Engineering Clinic cons eng
SE Clay intersects

12TH AVE SE 1950

Best Car • Best Deal • Best Service
W. Burnside at 13th Avenue Phone ATwater 5161

12TH AV, NE—Contd
2727 Hunsberger J W
ΔStone H B Mrs ⓞ
2736ΔBrack H G
2737ΔBates H M ⓞ
2746ΔCanon J R
2747ΔFuller W R ⓞ
2806ΔSandblast L B ⓞ
2809ΔCallins C H
ΔSpence W H
2816ΔDunning J J ⓞ
2817ΔDavis V B ⓞ
2822ΔChristensen Maurice ⓞ
2823ΔGrischaw G T ⓞ
2832ΔBlumenthal Reuben ⓞ
2833ΔButt Edw ⓞ
2846 Brandt Alex ⓞ
ΔWeitzel Edw
2847ΔGill F B ⓞ
NE Stanton intersects
2911ΔLewis R W ⓞ
2912 Weir W E
2923ΔDavidson Eliz ⓞ
2928ΔFeinberg S J ⓞ
2933ΔRoberts E S ⓞ
2936ΔMcCurdy S B ⓞ
2943ΔRebstock J G ⓞ
2946ΔNewquist C E ⓞ
3002 Price G W ⓞ
3007ΔCornell F R ⓞ
3016ΔCampf Sam ⓞ
3017ΔHesla Jack ⓞ
3026ΔBline N L ⓞ
3027ΔMuelhaupt Theofil
3033ΔDuncan Aaron ⓞ
3036 Veltman Hyman ⓞ
3042ΔGlanz Manuel ⓞ
NE Siskiyou intersects
3103ΔMcMaster Estelle Mrs ⓞ
3106ΔFinster L E ⓞ
ΔSafe Vault Serv Co
3116ΔUhlman Carl ⓞ
3117ΔKuzmanich Vincent ⓞ
3121ΔTurner G C ⓞ
3122ΔNielsen N L ⓞ
3132 Olds Louis ⓞ
3133ΔHeinz P J ⓞ
3143ΔGarmon W C ⓞ
3146ΔSwanson W L
3203ΔPlatt Morris ⓞ
3206ΔMacKenzie S W
3216ΔWeinstein J J
3217ΔMills Harry ⓞ
3222ΔArik Mary
3223ΔThomas C W ⓞ
3232ΔOstenson R A Mrs ⓞ
3233ΔSchmeer H E ⓞ
3242ΔSmith G M Mrs ⓞ
3243ΔLaws Velma Mrs ⓞ
NE Klickitat intersects
3303ΔGill Alex ⓞ
3306ΔGann D S ⓞ
3311ΔErickson Emma Mrs ⓞ
3312ΔRouff L E ⓞ
3323ΔJancan J M ⓞ
3326ΔBrown G J ⓞ
3331ΔSnyder E J ⓞ
3332ΔDolan M E Mrs ⓞ
3342ΔEng A W ⓞ
3343ΔMcMenamin R W ⓞ
3406ΔKehm David
3407ΔBonner S D ⓞ
3416ΔHauke H M
3417ΔVan Dolah Fred ⓞ
3426ΔAusted A T ⓞ
3427ΔHarding Alfd ⓞ
NE Fremont intersects 189
3507ΔEinarson A F Mrs ⓞ
3513 Vacant
3526ΔSpieger Christina Mrs ⓞ
3535ΔWillman H C
3536 Schippelhut Emma Mrs ⓞ
3603 Walker M B Mrs
3606ΔWalker Eliz Mrs ⓞ
3611ΔMelcher Adam
3616ΔEilts F G ⓞ
3621ΔMcNeece Jas E
3622ΔRosenberry C L ⓞ
NE Beech intersects
3702ΔWeber C S ⓞ refuse colr
3716ΔCook A E Mrs
3717 Weber Lena Mrs ⓞ
3726 Knippel Geo ⓞ
3727 Klaus Hermoine Mrs
ΔLebsack F W
3736ΔDick Eliz ⓞ
3737ΔBorgardt G S ⓞ
3807 Arnold S W
ΔCattnach R L ⓞ
ΔInterstate Adv Serv
3813ΔNeedy F L
3816ΔKost Walter ⓞ
3823ΔHudson King ⓞ
3828ΔBernhardt Kath Mrs ⓞ
NE Failing intersects
3912 Coldwell R R
3916ΔScheideman John ⓞ
3926ΔScheideman Danl ⓞ
3927ΔFisher M V Mrs ⓞ
ΔFisher Nursing Home
3933ΔHardy H H ⓞ
3936ΔStibbe F C ⓞ
3946ΔMiller Fredk ⓞ
3947ΔFerguson J G ⓞ
3953ΔClayter E B ⓞ
3956ΔAlexander M M Mrs ⓞ
3967ΔNelson A M ⓞ
3968ΔHohnstein Henry ⓞ

3973ΔAncheta P D ⓞ
3976ΔSchwartz Henry ⓞ
NE Shaver intersects
4007ΔSchmidt Martin ⓞ
4015ΔStevens J R ⓞ
4016 Dienes L L Mrs ⓞ
4026ΔDisarro Daisy ⓞ
4037 Halloran A C
4046ΔLebsack A M Mrs ⓞ
4047ΔEgerer H F ⓞ
4057 Underwood Effie Mrs
4058ΔPhillips Day ⓞ
4067ΔMorang A S ⓞ
4073ΔHuck John ⓞ
NE Mason intersects
4115ΔStephenson W A coml photog
4125 Warfel W E ⓞ
4135 Willhite Cecil
4136 Okelberry G A
4206ΔChristian C J ⓞ
4224ΔSchimmel H H
4227 Fast A J Rev
4234ΔMorgan E V ⓞ
NE Skidmore intersects
4302 Findlay Ronald
4306 Laughlin J M
4315ΔTroen Betty ⓞ
4323ΔBishop A E ⓞ
4326ΔMyers F J ⓞ
4406ΔMcLachlan Frances Mrs ⓞ
4407ΔHaley C L ⓞ
Haley Kathleen M nurse
4415 Dethlefs Emma W ⓞ
4420ΔAil R H
ΔBates Rug & Uphol Clnrs
ΔBauer R C
ΔChristian J C
ΔMack H L ⓞ
NE Prescott intersects 199
4514ΔCarrington C P
4515ΔO'Donnell C F ⓞ
4524ΔRasmussen W C ⓞ
4534ΔFeuerstein H J ⓞ
4537ΔBrittain V M ⓞ
4542ΔBorigo Gertrude D ⓞ
NE Going intersects
4621ΔTeel Howard & plywood dlr
4704 Sheridan J F ⓞ
4715 Morasch C W ⓞ
4716ΔDietrich John ⓞ
4725 Conner J F ⓞ
NE Wygant intersects
4801ΔJohnson Minnie Mrs ⓞ
4808ΔWick E R ⓞ
4815ΔMartenson Nels ⓞ
4822ΔRalston M J Mrs ⓞ
4823 Austin A R Mrs ⓞ
4831ΔChapman N C Mrs ⓞ
4832ΔMarsh R G ⓞ
4840 Imhoff C C ⓞ
4848ΔNaylor H S ⓞ
4849ΔUsinger H M Mrs ⓞ
4903 McLaughlin Tillie Mrs ⓞ
4904ΔAday D W ⓞ
4911ΔCarter F R Mrs ⓞ
4917ΔHartung J A
4921ΔGibson T M
4926ΔPerkins V L Mrs
4931ΔUlven M F
4937ΔDouglas R E ⓞ
NE Alberta intersects
5020ΔLitsas J N ⓞ
5026ΔFoss G F ⓞ
5027ΔFritzler R J ⓞ
5035ΔLoos J L ⓞ
5043ΔMeyers Benj ⓞ
NE Webster intersects
Unopened to NE Emerson
5302 Hunt C I
5312ΔBrown M J ⓞ
5323ΔMcMahon A B ⓞ
5324ΔBeals J H ⓞ
5403ΔMartenson H A ⓞ
5408ΔYuckert Conrad ⓞ
5420ΔNelson E F ⓞ
5430ΔSmith G A
NE Killingsworth intersects 201
5514ΔGuiso Peter ⓞ
ΔMayer T W
5524ΔWiden R F ⓞ
5525ΔBetchtel R W ⓞ
ΔFeilen J T
NE Church intersects
5605ΔWebster A E ⓞ
5615ΔBosworth C H ⓞ
5624ΔUsselman A F ⓞ
5655ΔAnderson J T ⓞ
5634ΔSacarisen B J ⓞ
5635ΔKurtz W W ⓞ
5702ΔL'Esperance A E Mrs ⓞ
5707ΔLindow A E ⓞ
5715ΔMilius W E ⓞ
5723ΔSaelens M A ⓞ
5724ΔYowell H T ⓞ
5733ΔTanner R E ⓞ
5734ΔAnderson H E ⓞ
NE Jarrett intersects
5815ΔCarlson V A ⓞ
5823ΔMorris H W ⓞ
5824ΔResler D E ⓞ
5832ΔAdams Pauline Mrs ⓞ
5835ΔHolmes I C ⓞ
5844 Vacant
5901ΔWilliamson Frank ⓞ

5910ΔKoenig Walter ⓞ contr
5920ΔMcLain C S ⓞ
5925ΔBevans A F ⓞ
5928ΔWalker C V ⓞ
5931ΔGaley W F
NE Ainsworth intersects
6025ΔSimonds H E
6026ΔPenna Enrico ⓞ
6034ΔCarter E S ⓞ
6101ΔKlein J W ⓞ
6102ΔSanzenbacher W M ⓞ
6117ΔSchoenheing N H ⓞ
6126ΔSchafding Ella Mrs ⓞ
6127ΔHowell C W ⓞ
6204ΔHanggi R A ⓞ
6207 Vacant
6214ΔBrandt Benj ⓞ
6217 Farmer M E Mrs ⓞ
6224ΔGilchrist J W ⓞ
6225ΔMessinger W O ⓞ
6233ΔTubbs J H ⓞ
6234ΔWorkman A O ⓞ
NE Holman intersects
Unopened to NE Buffalo 208
NE Buffalo intersects
7232ΔMindolivich J Y ⓞ
7244ΔFeely D A Mrs ⓞ
7253 Vacant
NE Holland intersects 80
12TH AV, NW—From 1201 W Burnside n
NW Couch intersects
101 Blitz-Weinhard Co (whse)
138 Blitz Weinhard Co (garage)
NW Davis intersects
NW Everett intersects
305ΔBeaver State Distr Co whol beer and wine
ΔCommerce Coffee Co Inc
312ΔTaylor C F
316ΔJobbers Serv Co (whse)
ΔRice Bros mfrs agts
ΔRollandet P D mfrs agt
ΔSnow Sales mfrs agts
339ΔHall John L Co mfrs agt
NW Flanders intersects 94
408ΔAutomotive Whs Inc whol auto parts
425 Vacant
NW Glisan intersects
512 Vacant
514 Vacant
516ΔLoomis Printing Co
520ΔClarke Leslie F & Co printers
522-28ΔHood Sales Co (plant)
815ΔWestinghouse Elec Supply Co
NW Hoyt intersects
NW Irving intersects
NW Johnson intersects
NW Kearney intersects
905ΔConnelly F B Co whol hsehold furngs
935ΔAlsop Fred E Co mfrs agt
ΔAm Chain & Cable Co Inc
ΔCallison P G Co mfrs agts
ΔColeman & Co mfrs agts
ΔDetrick M H Co htg apparatus
ΔEngineer Co htg apparatus
ΔHampton W F mfrs agt
ΔHills Bros Coffee Inc
ΔNorthwest Steel Co
ΔReynolds Mtls Co aluminum mfrs
ΔSterwin Chemical Co
NW Lovejoy intersects
NW Marshall intersects
NW Northrup intersects 114
1233 **Wilhelm Rudie Warehouse Building**
Rooms:
102ΔWilhelm Truck Leasing Co
201ΔWilhelm Rudie Warehouse Co Inc (stge)
205ΔLindsay D E Co mfrs agts
207 Vacant
208ΔStone Norris B mfrs agts
209ΔJones Earl H & Co mfrs agt
210ΔLine Material Co whol elec equip
212ΔGarland Affolter Engineering Corp mfrs agts
ΔWinter Products Co mfrs agts
213ΔLorillard P Co whol cigars
214ΔBach Pete Elic Co mfrs agt
220ΔCorn Products Sales Co
Street continued
NW Overton intersects
1301 Wilhelm Rudie Warehouse Co (whse)
1435 Vacant

12TH AV, SE—From 1201 E Burnside s 3
SE Ankeny intersects
101ΔFoote J H ⓞ
113 Kromke Mary
114ΔReteldorf O J
119 Cordell D R Mrs
121ΔStilwell Geo
127ΔBathun L H ⓞ
128ΔShepard H L ⓞ
ΔVan Deinse Paulus
129ΔCactus Grill
134ΔKoontz Sophia Mrs ⓞ
135ΔEdwards M D ⓞ
SE Ash intersects
201ΔGottsacker J E gro
211 Frettim G W Mrs
ΔMeyer J W
ΔPeterson Gust
212 Vacant
213ΔCaswell Coffee Co
218ΔTatro G L
229 Jackson M E Mrs
SE Pine intersects
sw cor Pine ΔSt Francis of Catholic Ch Assisi
303ΔBramwell Constr Co
306ΔPortland Whol Nursery Co
SE Oak intersects
400 Vacant
410 Gill G L
416ΔCowls J H ⓞ
417ΔGallegos J H
418ΔRowley D E
436ΔSecurity Signs Inc mfrs
SE Stark intersects 7
503Δ**Todd Apartments**
Carlson Chas
Correa Stella
ΔGallagher Jos
Hettum Chas
Kiter Sarah Mrs
Kost M O
Laird Earl
Landrum Helen
McKellar R F
ΔOver J D
ΔRollins Madge E
Rusch H G
Schelm Edna
513ΔHurley J W paper hngr
ΔLerma Juan
ΔMartinez J V ⓞ
525 Abbott L A ⓞ
535ΔLeadley D D ⓞ
ΔSchmitt M M
SE Washington intersects
603ΔStoppelcamp M A Mrs
611ΔGalash J N
617 Gwynn Anna M ⓞ
623ΔCollins L H
635ΔCantrell Eleanor Mrs
637ΔHamlin O C
SE Alder intersects
704 **Mary Stuart Apartments**
Bergin Teresa Mrs
ΔHaigh Helen L
McClish Frank
ΔTallman H A
Tobin W E
707ΔO'Neil E G Mrs ⓞ music tchr
717 Vacant
SE Morrison intersects 19
804 Gintz Walter gas sta
807 Foth Alex
ΔRedman E L ⓞ
821ΔMorris J E
823ΔHiller L E Mrs
830ΔSt David's Episcopal Ch
SE Belmont intersects
914ΔStamps J M ⓞ
924ΔChastain John
932 Cacicia C C
Chin H K
Johnstone Marge Mrs
Osborn C R
ΔPalmer W F
ΔTaggesell Herbt
943ΔNelson A M
SE Yamhill intersects
1007 Thompson Virginia A ⓞ art goods
1015ΔMougey A B ⓞ
1016ΔQuinn F M Mrs ⓞ
1024ΔChung Tom
ΔJung J H
ΔTom J M
ΔWoo Suey S
1025 Millerke Alta Mrs
Politeo Steve
Wounderluch S A
1028 Nesmith B M Mrs gro
1032 Nicholls C E
1035 **Mission Rose Apartments**
ΔAllen Cath M
ΔBarnes Betty L
ΔBertelson Anna M
ΔBoenden Ardell L
ΔCereglino W L
Cola Rose
ΔCrouch Arlene M ⓞ
ΔFreeman W L
Harrington R J
ΔJohnson Viola D

13TH AVE SE 1950

is answered in the
CLASSIFIED BUSINESS LISTS
in this Directory. Consult them.

2525 Culver P E ©
2526 Oliver C S Mrs ©
2527 Smith F S
2528 Oliver R H ©
2534 Keck E D Mrs ©
2535 Riback Morris ©
2542 Erickson Cecilia A ©
2543 Daniel W S
2602 All Morris ©
2607 Geller B H
2616 Larson C G
Luscher B W
2617 Drees E W ©
2627 Davisson C M ©
2628 Brewer E W
2633 Mullan Anna Mrs ©
2634 Meyer E D ©
NE Knott intersects
177
2711 Love J I ©
2712 Popick Aaron ©
2726 Richardson R S ©
2727 Lenz E J
Paterson H W Mrs ©
2736 Birnie G E ©
2742 Strinsky Lillian S ©
2747 Locks Jacob
Silva Marguerite Mrs ©
2806 Nudelman E D ©
2807 Finzer H R ©
2812 Schwartz N J ©
2813 Loughney A W ©
2822 Beck John ©
2823 Subotneck J S ©
2833 Hoffman V P ©
2836 Carlson W R ©
2843 Nicholas W C ©
NE Stanton intersects
2917 Williamson N B ©
2920 Malcolm Kathryn
2927 Green L M ©
2933 Vacant
2938 Carter E M Mrs ©
2943 Schermerhorn Lillian Mrs ©
2946 Zumwalt C P ©
3002 Pond D M Mrs
3002 Pond H L ©
3003 Whitbread H G ©
3016 Dennis H J
3017 Barrett R E ©
3022 Geffen Nettie Mrs ©
3023 Hall E L ©
3036 Abbott T W
3037 Sutter J P ©
NE Siskiyou intersects
3111 Platt P R Mrs ©
3112 Sloan G C ©
3121 Gross E G ©
3122 Rudolph Christina Mrs
3131 Lopringi D S ©
3132 Harrowitz I J ©
3145 Kielhorn I M Mrs ©
3146 Carney V R ©
3202 Miller Peter ©
3203 Olds Altar
3211 Kaufman G H ©
3212 Darby J B ©
3222 Harlow J S ©
3223 Lotzenhiser J B ©
3233 Conway H E
3233 Shoup L D ©
3242 Bader Jack ©
3243 Witt H P ©
NE Klickitat intersects
3303 Kumpf H K Mrs ©
3306 Nye P E ©
3311 Rumpakis J E ©
3312 Stout Mary Mrs
3321 Psihogios Geo ©
3322 Weiss D S ©
3332 Woltring R O ©
3333 Dusenberry L A ©
3342 Oliverio Vincent ©
3343 Kreipe E A ©
3402 Domaschofsky Robt ©
3403 Caples C W ©
3415 Murray L W jr
Oller A A ©
3416 Kelleher J J real est
3425 Holta G O ©
3426 Sade W H ©
NE Fremont intersects
189
3505 Yeager Marguerita ©
3514 Barkhurst J L ©
3515 Graff G J ©
3524 Meyer Anna ©
3525 Tedder J O ©
Willis E C ©
3534 Schleining Katie Mrs ©
3535 Miller Peter ©
3602 Phillips T W
3607 Mohr Kath Mrs ©
3613 Miller Edw
3615 Hansen M L Mrs
3616 Emmert H P ©
3623 Nelson M C
3626 Heimbuck Dan
3627 Silvis R E jr
3633 Yost Henry ©
3634 Klaus P G © refuse colr
NE Beech intersects
3712 Litzenberger C A © refuse colr
3713 Miller Henry ©
3723 Trappen Fern ©
3726 Krieger John ©
3730 Schmer G A ©
3731 Strohager Kenneth
3804 Schlitt Geo ©
3807 Schleining Geo © refuse colr
3811 Arndt Philip
3816 Aschenbrenner Saml
3827 Schlining Adam ©
3828 Ulrich Saml ©
NE Failing intersects
3916 Krieger L L ©
3919 Sailer R F
3927 Freeman I F Mrs
3928 Schrieber Gottfried ©
3936 Schrieber Fredk ©
3937 Armstrong G F ©
3946 Clark R C ©
3947 Schmidt Anna Mrs ©
3957 George John ©
3958 Davey W E
3967 Tuten Joe ©
3968 Zarting Jacob ©
NE Shaver intersects
4003 Troudt John ©
4015 Heimbuck Henry ©
4016 Heimbuck Benj
4025 Laing Alex ©
4034 Lichtenwold J H ©
4037 Harris F J
4044 Weitzel Jacob ©
4047 Hyde P J ©
4054 Klaus John ©
4057 Miller B A
NE Mason intersects
4104 Olsen M A Mrs ©
4116 Leonhardt Henry ©
4124 Low F C ©
4125 Crider J M ©
4135 Kahler Ludwig
4136 Porter C R ©
4206 Gerlock Bill Towing Service
Gerlock W H ©
4214 Beffa L H ©
4217 Arntt Henry jr ©
4224 Sauers Conrad ©
4227 Skidmore Ch of God
4243 McEachren J M ©
NE Skidmore intersects
4303 Kinion W J
4310 Stanley B F Mrs ©
4315 Carroll E T Mrs ©
4323 Krieger Lizzie Mrs ©
4326 Young W W ©
4406 Muscutt Nellie Mrs ©
4406 Krieger John jr ©
NE Prescott intersects
199
4513 Carras G A
4524 Garrett H L ©
4526 Miller Louis © refuse colr
4534 Trout John jr © refuse colr
4535 Thomas R W ©
NE Going intersects
4605 Brostrom E M Mrs ©
4621 Tankle Rubin ©
4622 Seeder H H ©
4705 Averchuck John
Robison F R
4714 Graham W E ©
4715 Cole J G ©
4726 McCurdy G J ©
NE Wygant intersects
4804 Wolfe Henry ©
4812 Souders C O
4813 Tom Christ ©
4822 Matthews Madeline Mrs ©
4823 Zillman Bernhard ©
4830 Schulze L H ©
4831 Stone C C ©
4841 Bolin T H ©
4840 Motis F J
4845 Roberts M L Mrs ©
4846 Nelson B L Mrs ©
4856 Clarkson J W ©
4902 Budscard Swan ©
4905 Stewart C C ©
4911 Vogel J F ©
4912 Madill D A ©
4918 Barnes F E ©
4919 Finlay A E ©
4927 Frazer M L Mrs ©
4928 King C E ©
4935 Dietrich H W ©
4936 Becker J J ©
4946 Winter L M Mrs © music tchr
NE Alberta intersects
5003 Hughes B J
Hughes K R
Peake J O ©
Williams R G
5011 Hoffman A G ©
5020 Dean G W ©
5021 Morefield J W ©
5028 Hazen W F ©
Klink H M Mrs ©
5029 Groneman A H ©
5034 Schlick S L Mrs ©
5035 Moore Albert ©
5044 Holtgreve Amelia ©
5045 Kriebel D T ©
5050 Hott Henry T ©
Tobkin E J
5051 Bunch O G ©
NE Webster intersects
5112 Blaisdell D P Mrs ©
5121 Rucci J J ©
5122 Moll Edwin ©
5128 Warneke W A ©
5135 Sherwood R W gun stocks
NE Sumner intersects
NE Roselawn intersects
5210 Payne W R ©
5265 Hall C B Mrs ©
NE Emerson intersects
5302 Campbell J E Mrs gro
5310 Norton E P ©
6322 Cameron Edwin ©
Pounds J L
5406 Eckerlein F L G ©
5420 Martin F H
5430 Nelson M J
NE Killingsworth intersects
5524 Obritschkewitsch Minnie Mrs ©
NE Church intersects
5602 Lorimer Geo ©
5603 Crawford M G ©
5615 Scheid E J ©
5622 Lovely Fred ©
5634 Headlie R J
5635 Hergert H A jr ©
5702 Kluser T F ©
5712 Cole Erma F
5713 Reynolds A W
5723 Wegner Rosina Mrs ©
5733 Pearson Oscar ©
N E Jarrett intersects
5807 Stewart E H ©
5814 Henderson L K ©
5815 VanTuyl R H ©
5825 Huck H F ©
5826 Wiemer S F ©
5832 Aaen M H ©
5835 Hyndman J H ©
5844 Bedell G R ©
5845 Chapman L V ©
NE Ainsworth intersects
5901 Spady Wm © scvngr
5904 Blackwood Carl ©
5911 Heinz Carl ©
5912 Klein K J ©
5918 Lovely R F ©
5919 Ely H J ©
5930 Becker H P ©
5931 McCalmont Jas ©
NE Ainsworth intersects
6024 Metz D J ©
6025 Hamblen J G ©
6034 Smock K D Mrs ©
6037 Friesvold Emma ©
6104 Luse B W ©
6105 Laxson D H Mrs
6115 Stewart C E ©
6121 Daniels D W ©
6138 Dancy R B ©
6201 Mann G M ©
6210 Loew T J ©
6224 James C W
6234 Petersen C F Mrs ©
NE Holman intersects
NE Highland intersects
6401 Ambrose Gro
NE Portland blvd intersects
6547 Wheeler C D
NE Bellevue intersects
NE Morton intersects
NE Liberty intersects
NE Lenore intersects
NE Junior intersects
6717 Hopper J W ©
6720 Oldenstadt Anna ©
6818 Laney E J ©
208
NE Dekum intersects
NE Saratoga intersects
NE Morse intersects
NE Winona intersects
6918 Ulibarri M A ©
6932 George J H ©
6941 Jennings J J ©
NE Woodlawn intersects
NE Morgan intersects
7106 Weller T Jane ©
7132 Nord Chas ©
NE Buffalo intersects
7207 Topich Anthony ©
7224 Whlte P W ©
7225 Jensen C M
NE Holland intersects
NE Stafford intersects
UP tracks intersect
NE Lombard intersects
NE Russett intersects
NE Columbia blvd intersects

82
13TH AV, NW — From 1301
W Burnside n
NW Couch intersects
NW Davis intersects
202 Northwestern Ice & Cold Storage Co
225 Portland Auto Elec
NW Everett intersects
300 Plancich Fish Co
NW Flanders intersects
401 Beaver State Meat Co whol
White Satin Dairy & Prod Co
NW Glisan intersects
NW Hoyt intersects
NW Irving intersects
NW Johnson intersects
4 104
815 Gerrard Co box strapping machs
Gerrard Steel Strapping Co
825 Bisceglia Bros Wine Co whol
NW Kearney intersects
900 Rudie Wilhelm Whse Co
NW Lovejoy intersects
1039 Marine By-Products Fertilizer Co
NW Marshall intersects
NW Northrup intersects
114
1635 SP&SRYCo (yd ofc)
SP&S Ry Co (mtce section)
5
13TH AV, SE — From 1301 E
Burnside s
24 McFarland M N Mrs
SE Ankeny intersects
121 Marfell C M
Taccogna Jos
124-36 **Howard Apartments**
124 Conlee Amzel Mrs
Dorman R E Mrs
Fooshee Jay
McCarl F S
Patterson E E
Bridgemon R L
Kehoe J J
Miller L M Mrs
Pflugrad Nadine V
Steen O L ©
Storey Dennis
215 LeMiller Christine ©
216 Vacant
218 Hawes W J
225 Pauli J A jr ©
226 Banfield Alice M ©
239 Linn W R
SE Pine intersects
314 Kroner Ernest archt
315 Cleland C E ©
324 McChesney W S ©
325 Babcock H F
Turner A L
SE Oak intersects
419 Simpson Paper Box Co
SE Stark intersects
19
Unopened to SE Morrison
712 Sigrist Oscar ©
812 Miller Lucile J beauty shop
822 Organ S P Mrs ©
823 Guptill E D Mrs
Rex Arms Gro
SE Belmont intersects
900 Tietjen Fredk
904 Hale J D
915 Dahl T H ©
916 Sundbom L F ©
923 **Apartments**
Ball John
Girvan La Verne
Hoan Mary
Lund W V
Mueller R A
Vokach Deloris
924 Stitz Jos
SE Yamhill intersects
1013 Korn Irving ©
1016 Price J F ©
1030 Talbitzer J H
1032 Watson S E Mrs
1034 Colgan Michl
1036 Clum J F
SE Taylor intersects
1106 **Claire Apartments**
Allen W D
Barnett Phyllis C
Carlson Alice G
Cartales Marie K
Fischer Helen
Halvorson Minnie
Hoops Gloria M
Howe Mary E
Kellogg Kath
Leifer L Darelle
Lewis A L
Luttio M Aileen

24 HOUR ★ ★ ANSWERING SERVICE ★ ★ DAY OR

ALDER SE 1950

R. L. POLK & CO.
130 Fourth Avenue, North — Nashville 3, Tennessee

11

ALDER, SE—From the river e, 1 n of SE Morrison
ft Nash's Warren Marina
SE Water intersects
SE 1st av intersects
SP tracks intersect
109 Portland Seed Co
110ΔForeman Distr Co hshold appliances
114ΔCapps & Lowe Inc pltry sups
129ΔDealers Sup Co
132ΔM & B Transfer Co
ΔMiers & Bockenfeld Inc storage
SE 2d av intersects
203ΔBaggage & Omnibus Transfer Co Inc
Borden Chemical Co mfrs
ΔGillespie-Petersen Brokerage Co
ΔLucky Transit Co auto frt
ΔMailliard & Schmiedell mfrs agts
ΔMailliard & Schmiedell brokers
ΔReeder-Hollenbeck & Warnock brokers
ΔSala E C Co brokers
ΔSchilling & Co whol coffee
222ΔUnited Salad Co mfrs
229ΔInterstate Produce Co
231ΔPioneer Fruit Distributors
231½ ΔIsrael Distributing Co brokers
234 **Oregon Gardeners Bldg**
ΔCampbell H B broker
ΔMartin Distributing Co prod brokers
ΔMut Orange Distributors whol
238ΔPac Coast Fruit Co
SE 3d av intersects
304ΔMut Fruit Co whol
321ΔBurns Bros Inc aud ofc
ΔUnited Brokers Co
322ΔMerchants Whol Prod Co
323-33 Meyer Fred Inc (egg dept)
SE Union av intersects
404ΔGrand-Stark Clnrs
412ΔLucille's Cafe
420ΔBench Adv Co Inc
ΔBentley Poster Print Co
Bross Transit Adv
ΔHollywood Lights outdoor adv
SE Grand av intersects
522ΔDuo-Fast Oregon Co stapling mach mfrs
537ΔRose A J & Son funl dirs
SE 6th av intersects

13

615 **Eagles Building**
ΔColumbia River Dist Council No 5
ΔEagles Natl Life Ins Co
ΔEast Side Coml Club
ΔEast Side Coml Club Forum newspaper
ΔEast Side Lions Club
ΔEast Side Rotary Club
ΔFraternal Order of Eagles State Dept Furn Wkrs Union Local No 1090
Internatl Woodwkrs Union Local No 5-3
ΔPortland Aerie No 4 FOE
Portland Aerie No 4 Auxiliary FOE
615ΔState Bur of Labor
618 **IOOF Building**
Orient Hall
Acme Rebekah Lodge No 32 IOOF
Beta Theta Rho No 2 IOOF
Darlington Lodge No 189 AF&AM
East Side Circle No 843 Neighbors of Woodcraft
Golden Rule Encampment No 28 IOOF
Odd Fellows Geni Relief Committee
Orient Lodge No 17 IOOF
Textile Wkrs Union of America No 402
Utopia Rebekah Lodge No 62 IOOF
626ΔEast Precinct Police Sta
SE 7th av intersects

711ΔJohns-Manville Sls Corp bldg matls
ΔRock Wool Insulating Co
712ΔBuscher-Lewis Inc battery serv
719 **Woodmen of the World Building**
Woodmen of the World
Multnomah Camp No 77 Lewis E C
Woodmen of the World Club
ΔWoodmen of the World Life Ins
SE 8th av intersects
801ΔMitchell Lewis & Staver agrl implts
808ΔPortland Willamette Co firepl equip
820ΔOre Dairy & Poultry Products Co
830ΔBruce-Emmett Co mfrs agts
SE 9th av intersects
922 Vacant
924 Vacant
925ΔWolfe R B
939 Davis B E Machy Co
SE 10th av intersects
1029ΔLeadbetter Logging & Lbr Co
SE 11th av intersects

7

1110 Library Assn of Portland
SE 12th av intersects
1218 Anderson E A
1224ΔSmith C B Mrs ◎
1226ΔCrombie John ◎
1234ΔNaslund W A ◎
1242 Olsen A E ◎
ΔScott H E ◎
1245 Washington High Sch (gymnasium)
1300ΔMcWilliams D E ◎
1306ΔRead D P Mrs ◎
1312 Danzl R A ◎
1312a Lewis Harry Mrs
SE 14th av intersects
1403ΔO'Neil T O ◎
1409ΔPalmer L M
1415ΔDowd Cora A ◎
1422ΔBrubaker L M
1424ΔVan Diggelen Leonard
1427ΔBall G J Mrs ◎
1435ΔTate Eva L Mrs
SE 15th av intersects
1507ΔHumphrey B E ◎
1516ΔHill S H ◎
1518ΔHansen L A
1522ΔMyers Thelma Mrs ◎
1524ΔSchoepflin Helen ◎
1535ΔSager A G ◎
SE 16th av intersects
1618ΔSandberg C W ◎
1626 **Apartments**
Ball S T
ΔBoyd Geo
ΔBruer Jos
ΔBurkhartsmeier Chris
Egger Arth
ΔMcIsaac Michl ◎
ΔValentine Barbara A
Van Horn Dorothy
1714 Polka Martin
1716ΔGush C J
1718ΔHitt A F
1720ΔLewis Peter
1725ΔBennett W E ◎
1726ΔMcCollum W A
1728 Peterson F M
1732ΔReeder A J ◎ contr
1734ΔKelley Chas ◎ contr
1735ΔRoberta Eleanor Mrs
1737ΔPallett C W ◎
1738ΔNewell Estelle J
SE 18th av intersects
1804ΔClearwater H D ◎
1805ΔGreenfield J R ◎ lawyer
1815ΔRoberts A R ◎
1816ΔLoewen R C ◎
1823ΔBeswick I A Mrs ◎
1826ΔKiesel Kath E ◎
1833ΔTaylor M H ◎
SE 19th av intersects
1904ΔClearwater H D ◎
1915ΔLanders S A ◎
ΔGaither R E ◎
1925 **Apartments**
ΔCooter R B
ΔMcIntire Leo'a
ΔSchumacher Rena
ΔShaner H R
Wolfe R B
1926ΔMcDowd Wm ◎
1936ΔRobinson Emma M
ΔRobinson E M Mrs
SE 20th av intersects

29

Unopened to SE 26th av

2614 Vacant
2622ΔSilverthorne A A ◎
SE 27th av intersects
SE 28th av intersects
2824ΔKerr W B ◎
SE 29th av intersects
2905ΔBishop S E Mrs
2909ΔKessler J M
2911 Bailey Wilson
2915 Torgerson Oscar
2921 **Apartments**
ΔBollam W E
ΔMickelson G H
Schammel Edythe M
ΔSpaniol H A
ΔThom A K
White Emma R Mrs
ΔMcClelland W A ◎
2934 **Alder Crest Apartments**
ΔAngleen N E
ΔBauer Lynn H
ΔChristy N O
ΔDorais G M Mrs
ΔDorais Grayce Mrs
ΔHartgrave Lois M
ΔHoward H G Mrs
ΔHowe D S Mrs
ΔHowe Dyne S Mrs
ΔJacobsen G W
ΔKnapp R J
ΔLee Alec E
Lorensen W G
ΔOliver W D
ΔOlson H O
Payne C R
Payne G S
ΔPerkins L C
ΔPeterson I H
ΔSaffer Wm
ΔSapp Chas
Scott Joey Mrs
ΔTownley A P
ΔWahl Rosa Mrs
ΔZoeller Gladys P Mrs
2943 **Laurelwood Apartments**
ΔBurke Elsie Mrs
ΔButts Donna M
ΔClark D L
ΔDraper C R
Draper I L Mrs mgr
ΔFrench H R Mrs
ΔHansen R M
ΔHicks Virginia M
ΔHorton W D
Hunt Henry
Jones R C
ΔKluck J G
LeValley Merle
ΔMacpherson Jas
ΔMartin R L
ΔMartinson Nona Mrs
ΔMcLean L S Mrs
ΔSinclair Ethel M Mrs
ΔSmith B J Mrs
ΔSpearow Eliz Mrs
Stafford Arth
ΔStevenson Victor
Turnbull Victor
ΔWinans Foster E
SE 30th av intersects

69½

3005ΔLawrence L C contr
3006ΔJohnson I W Mrs ◎
3010ΔGregg H O ◎
3019ΔKaiser H C
3027ΔBertolotto Hugh ◎
3033 Geerligs Cornelius
3039ΔMcLean V A
3051ΔMcLain R N Mrs
SE 31st av intersects
SE 32d av intersects
3142ΔHardin K A ◎
3203ΔElliott Hugh ◎
3209ΔGabler H J ◎
3215ΔLargen J M Mrs ◎
3224ΔPritchard T J ◎
3231ΔCarlson E F ◎
3236ΔArmstrong J M
ΔBrunton Bethel B
Kellogg S M Mrs
ΔThoms Helen L
3237ΔSeverson A S ◎
3243ΔPitts J R ◎
SE 33d av intersects
3317 Grimes E T ◎
3323ΔRowe M T Mrs ◎
3334 Damascus Crmry (storerm)
3337ΔAllen W A Mrs ◎
SE 34th av intersects
3422ΔMerry E A ◎
3423ΔBrod P J ◎
3435ΔBurglund E E ◎
3440ΔLittle Burner Serv Co
Stern J A shtmelwkr
3443ΔMachlan P A ◎
3449ΔMajors B G ◎
3450ΔSypher's Mannequin Hosp
ΔSypher Specialty Co woodenware mfrs
SE 35th av intersects

3504ΔSchlichenmeyer Fred ◎
3510 Allway P E
Schad J L
3511ΔJourdan E M Mrs ◎
3516ΔJones E A Mrs ◎
3517ΔLupher G E
3525ΔAltig G E ◎
3528ΔKerr J F ◎
3535ΔSmith O S ◎
3536ΔMiller G T ◎
3545ΔBarkey W V ◎
3548ΔMorrison J H Mrs ◎
3553ΔSmith M D
3554ΔRasmussen P C ◎
3555 Smith I M Mrs ◎
SE 36th av intersects
3602ΔWertheimer Jos ◎
3603ΔKasch E A Mrs
ΔSisk C E ◎
3612ΔFuller G R ◎
3615ΔTonack H J ◎
3616ΔSwanson C A ◎
3623 Vacant
3624ΔDavis I W
3634ΔMason C L ◎
3635ΔRasmussen S F ◎
3640ΔStears T A ◎
3641ΔCarr Irene Mrs ◎
3652ΔKeiels J F ◎
SE 37th av intersects
3702ΔFirst Nellie Mrs
3710ΔDavidson Sarah M ◎
3714ΔHannigan Frank ◎
3717ΔBoland J P ◎
3722ΔBrande Winifred Mrs ◎
3727ΔDe Merice R B ◎
3730ΔGarbin J W ◎
3733ΔGreene C B ◎
3739ΔRader E L ◎
3740ΔBaker Donald
3747ΔFairbanks F J ◎
3748ΔPendleton W B ◎
3752ΔLynch Ray ◎
3757ΔPutman S L ◎
SE 38th av intersects
3805ΔEllis C S ◎
3814ΔDrake C J ◎
3815ΔTempleton F S
3820ΔClark Mabel Mrs ◎
3825 Vacant
3826ΔTurner F A ◎
3834ΔChinn S H ◎
3835ΔWinans Manuel ◎
3840ΔBrown F L ◎

71

SE 39th av intersects
SE 40th av intersects
4124 **Claremont Apartments**
ΔBeadle Irene
ΔCarman Eliz Mrs
ΔEpperson A R
Strande Alfd
SE 42d av intersects
4211ΔStevens S R ◎
4215ΔPage R F
4216ΔGowin M J ◎
4224 Vacant
4233ΔCusick A T
4234ΔKight W L ◎
4242ΔHeaton C C ◎
4243ΔJohnson R B ◎
4250ΔJorgensen S H ◎
4261ΔWorden O R ◎
4264ΔBoslaugh W E
SE 43d av intersects
4305ΔBlasen M H
4316 Collins E S Mrs ◎
4323ΔGreen E W ◎
4404ΔButler A A ◎
4405ΔHandley Isabelle ◎
4411 Spelbrink A Emma ◎

73

SE 45th av intersects
SE 46th av intersects
Unopened to SE 48th av
SE 49th av intersects
5605ΔKight F M ◎
5623ΔRoss C V ◎

79

7107ΔMiller J H ◎ roofer
7126ΔWalker J C ◎
7148ΔVan Beek Marie Mrs ◎
SE 72d av intersects
7220ΔReed Alice Mrs
7223ΔPullen E R ◎
7533ΔFerrell E J ◎
SE 73d av intersects
7303ΔPorterfield W A ◎
7320 Bain Harmon ◎
7528 Temple K H Mrs ◎
SE 74th av intersects
7406ΔSchumacher C L ◎
7407ΔMacLennan M L Mrs ◎
7424 Vacant
SE 76th av intersects
7606ΔAdkisson Raymond ◎
7607ΔSlate J W
7616ΔMcComb M M Mrs
7626ΔWoltring J W ◎
7631ΔMartin W F ◎
7634ΔMessman J M ◎
7643ΔFaulk S D
7644ΔZimmerman A B ◎

BELMONT SE 1950

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Hours: 9-4; Sat. 9-12
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BEACH, N—Contd
1031ΔBerkshire Ella G
1035ΔWelch Gladys E
1039ΔShumate Arlene L
1040ΔHarvey Clinton ⓞ
N Missouri av intersects
1112 Laurin Sigrid Mrs
1115ΔHarris C L ⓞ
1117ΔTaylor N O
1118ΔNiemi E W
1123 Hank Carl ⓞ
1126ΔMuscatell A P ⓞ
1131 Douglas Pauline Mrs
1133 Shannon C A
N Minnesota av intersects
N Montana av intersects
N Interstate av intersects
1425ΔHein J M ⓞ
217

BEECH, NE — From 3637 N Williams av e
4 Larson Gust
6ΔMcKinney C A Mrs ⓞ
8 Allen P H
22 Wilhelm Henry ⓞ
23ΔCrouch H R
25 Fulker L F
28 Williams Henry
29ΔConnell P J ⓞ
36ΔSchulz L F
NE Cleveland av intersects
71 Grebelhous Henry ⓞ
89ΔSchmidt David ⓞ
NE Rodney av intersects
104ΔChristensen F A ⓞ ins
105ΔHuffsmith H R ⓞ
ΔJermann F A
114 Couillard R J
122ΔAho H M
132 Vacant
135ΔVick A J
135½ Tocher Wm ⓞ
NE Mallory av intersects
203ΔWeakley R R ⓞ
220ΔGuidance and Counseling Center
ΔPortland Apprentice Sch
NE Garfield av intersects
309ΔHolmlund F F
315ΔJones E M Mrs
317ΔSlingerland G T ⓞ
189

NE Union av intersects
412ΔGrunseth Chris ⓞ
420ΔGunsaulis H J ⓞ
NE Grand av intersects
503ΔHeisler Marcellus ⓞ
511ΔThompson H L
525ΔSchulareke Gordon
537ΔHottel R R Mrs
ΔMounce F R ⓞ
NE 6th av intersects
616ΔLee Yu ⓞ
622ΔShaturski H M Mrs ⓞ
623 Vacant
636ΔHahn Anton ⓞ
638 Mattila A E Mrs
Tikka M O
653 Hanks G V Mrs ⓞ
NE 7th av intersects
703ΔKanells J P ⓞ
741 Tracy Olga A
NE 8th av intersects
807 Hohenleitner J L ⓞ
836ΔEdwards Alex
NE 9th av intersects
920ΔGomer Henry ⓞ
923ΔHamer H C ⓞ
931ΔHetrick G D
936 Beech Street Gro & Lockers
ΔMericka F P
937ΔCarter C M ⓞ
NE 10th av intersects
1003ΔKlaus Adam
White Jack ⓞ
1006ΔTober Emil ⓞ
1017 Roth Calvin
1023 Lake Arnold ⓞ
NE 11th av intersects
1102ΔSlaybough F N
Tanner N I Mrs
1116 Pigorsch H A
1122 Andersen Ellen A ⓞ
1130ΔKeller L H ⓞ
1136 Kromm Harry ⓞ
1137ΔFiske A A Mrs ⓞ
Harman C E
ΔKaady R A
Wheeler Carl
NE 12th av intersects
1202ΔLehl Henry ⓞ
1213ΔWilhelm D H
1216ΔPritchard M P
1227ΔHerron J D
NE 13th av intersects
1303ΔMoran D M ⓞ
1317ΔEarnst E E ⓞ
1327 Arndt G M ⓞ
1339ΔScheining John refuse colr
191

NE 14th av intersects
1424ΔKnox J J ⓞ
1434ΔKaplan L A ⓞ
1435ΔDame W E ⓞ
NE 15th av intersects
1508ΔKrieger Conrad ⓞ
NE 16th av intersects
NE 17th av intersects
NE 18th av intersects
NE 19th av intersects
204
4225 Ferrell Ora Mrs Mrs ⓞ
ΔHunt B M
4235ΔSchindler Gertrude Mrs ⓞ
NE 43d av intersects
4305ΔHval R K ⓞ
4315ΔSigmon L W ⓞ
4325 Wilson W F ⓞ
4331ΔRieger O A jr
4341ΔButler O M ⓞ
NE 44th av intersects
4411ΔGarrigues J D ⓞ
4421ΔOdeane Hans
4426ΔTaylor E W
4441 Vacant
4461ΔMoody G F ⓞ
NE 45th av intersects
4507ΔSanders G J Contr
4515 Matson Egbert
4527ΔClark U G
4537ΔBartlett J H Mrs ⓞ
4547 Vacant
NE 46th av intersects
4605ΔHawes A C ⓞ
4621ΔDugan J E ⓞ
4625ΔWhite C M ⓞ
NE 47th av intersects
Unopened to NE 57th av
205
NE 59th av intersects
NE 61st av intersects
6210ΔPetty V H ⓞ
6230ΔOwen C L ⓞ
NE 63d av intersects
NE 64th av intersects
NE 65th av intersects
NE 66th av intersects
6609ΔBenner Sam ⓞ
6633ΔO'Connell J E ⓞ
NE 67th av intersects
NE 68th av intersects
NE 69th av intersects
NE 70th av intersects
7604ΔEdwards Donald
7023 Vacant
7033ΔPost J E ⓞ
NE 71st av intersects
7105 Vacant
NE 72d av intersects
NE 73d av intersects
NE 74th av intersects
NE 75th av intersects
147
NE 76th av intersects
NE 78th av intersects
NE 79th av intersects
NE 82d av intersects
8619ΔHall Sanitarium
207

BEESLEY — North of Parkrose
126

BELGRAVE AV, NW (Willamette Hts)
31

BELITA, SE—From the river e, 9 n of SE Morrison
621 Craemer Frank ⓞ
1826 Hohn Marvin ⓞ
239

BELKNAP AV, N—From 3286 N Terry n
7816ΔWhiteness J B ⓞ
7824ΔFuller F M ⓞ
7832 Wissinger E M ⓞ
7852 Spraucew Barbara Mrs
201

BELLEVUE AV, NE — From intersection of NE 13th av and NE Portland blvd nw
6505ΔAndrzejeski Otto ⓞ
208
6807 Vacant
NE 13th av intersects
NE Morton intersects
NE Lenore intersects
NE Morse intersects
NE Winona intersects
NE Dekum intersects
NE Woodlawn intersects
6912ΔDunaway R T Mrs ⓞ
6968 Carr Jas ⓞ
NE Oneota intersects
247

BELLINGHAM, N—From 9939 N Midway av n
6827ΔRoseberry O R
6831ΔSaban Mary Mrs
6902ΔMelgs M A
6903 Gooch M Y Mrs
6940 Curran Bertha Mrs
7011ΔCoach E L ⓞ
247

BELLINGHAM PLACE, N — From 10340 N Oregonian av w
6803ΔDrake S C
6814 Bills E F
6815ΔButler J E
6826ΔLofland Fred
6827ΔStenzel Gene
6903ΔCaldwell R W
6915 Dinsmore C R
6926 LeGore W E
6927 Vacant
6929 Doolin C E
6933 Barnard J E
6941 Huseman J A
6953 Kitching W S
15

BELMONT, SE — From the river e 1's of SE Morrison
SE Water av intersects
56 Vacant
83ΔMcDonald Candy Co
SE 1st av intersects
111ΔNorthwestern Ice & Cold Storage Co (whse)
112ΔFeenaughty Machy Co
112ΔFour Wheel Drive Auto Co industrial trucks
ΔPioneer Eng Works Inc machy mfrs
SE 2d av intersects
SE 3d av intersects
311ΔBowman Arth Inc bulbs
ΔBulb Co-op of Ore
330ΔSpokane Portland & Seattle Ry (frt ofc)
SE Union av intersects
422ΔCitizens Press printers
426 **Rowell Apartments**
Alexander Alonzo
Balcom J
Bauer Earnest
Brady Terrence
Canfield Harry
Cashin Mike
Conklin H J
Davis L F
Dedus Angeles
Devine M B Mrs ⓞ
Dorherty Chas
Fitzpatrick P B
Freeman Harry
Goger Earl
Hildebrand Raymond
Holden Armon
Holden Kenneth
Kaufman Delbert
Kaufman May Mrs
Lewin C R
Lewin Earl
Linville Richd
McClasky Jack
McGee Blanche Mrs
Murphy Spencer
Murphy Wm
Noe Louie
Robertson Bennie
Roberts J W
Stose Ralph
Van Arnam Walter
Waters Loyd
427ΔNorthwest Printing Co
SE Grand av intersects
521ΔDeLuxe Motor Serv
532ΔCole R B Inc lighting equip
ΔWiles Elwood Co lighting equip
534ΔC & S Auto Paint Shop
17

SE 6th av intersects
600ΔGeltman Sponging Corp
601ΔBow & Arrow beer parlor
607 Vacant
609 Vacant
613 Vacant
616ΔStandard Sup Co (whse)
619 Kelty Mary Mrs
ΔSix-Nineteen Cafe
627ΔCummings Tire Shop
630ΔPac Machy & Tool Steel Co
633ΔLarry's Champion Serv gas sta
SE 7th av intersects
700-12ΔAmerican Garage auto reprs
701 Bettendorf J J locksmith
705ΔNew York Apartments
ΔMerrell M C mgr
707ΔCampbell Rock Wool Co
724-30ΔAmot Motor Co used trucks
733 Justen Signal Serv gas sta
SE 8th av intersects
804ΔDolan Bldg Matl Co
ΔDolan Wrecking Co bldg wreckers
826ΔSafeway Stores Inc (br) gro
839 Grand Central Barber Shop
ΔKelly Clnrs clo clnrs
ΔWadham & Co (whs)
SE 9th av intersects
904ΔMiller's Launderette
915 Vacant
935ΔCaruso Prod Co whol
936ΔRusty's Truck 'N Auto Serv gas sta
SE 10th av intersects
1004ΔKlaus C E mfrs agt
1010 Monte Carlo Billiards
1016ΔMonte Carlo Restr
1018 **Gardeners & Ranchers Assn Building**
ΔSpada Leo
1024ΔUnited Salad Co
1030-36ΔLida Restr
SE 11th av intersects
1135ΔWray S J
19

SE 12th av intersects
1206ΔNu-Way Auto Lndy
1216ΔEaton L B chiropodist
1223ΔRobertson J A
1224ΔRoberts Della Mrs ⓞ
1232ΔOliver E M
SE 13th av intersects
1305ΔHitsman C A ⓞ
1313ΔResch T J ⓞ contr
1316ΔRichter Anna Mrs ⓞ
1317 Lacy Clarence
1335ΔFey Eva M ⓞ
1336ΔCooper L W ⓞ
SE 14th av intersects
1403ΔBocci & Bromberger liquors
1405 **Wellesley Court Annex**
ΔErvin Nancy
ΔGrace Jane E
ΔGroll A W
Hale Ethel O
Mason Zenith
McEllenny Edw
ΔPreston B C Mrs nurse
ΔTrullinger L G ⓞ
1407 Vacant
1410 **Duke of York Apartments**
ΔBarnes J H
Bennie Muriel G
ΔBenson B R Mrs
ΔBenson Corinne
ΔBerry P A Mrs
ΔBrooks J H
ΔCharneski Michl
ΔChaudoin L J
Chilberg C K
ΔDorney G E
Fox Jean J
Harvey S C Mrs
ΔHewett Blanche G
ΔJohnson Eunice
ΔKopp Theresa Mrs
ΔLikins S S
ΔLudwick E S Mrs
ΔMattoon H E
ΔMcCoy Wesley
ΔMcGrath M Eliz
ΔMiller Doris E
ΔMills Mary E
ΔPeterson Treasure K
ΔPhilpott Louise
Rasor Orvil
ΔRichards Vernon
Roberson L W
Root K D
Ross R C
ΔSibley Marguerite E
ΔStrong E K
ΔToomey R E
Vaughan Wilbert
ΔVelene V E
Warner J B
ΔWilliams Edna
Williams J B Mrs
1422ΔDowning C O
SE 15th av intersects
1503ΔEichler R E
1506 Costello J J ⓞ
1509ΔBushaw J H
1514ΔHamlett W G ⓞ
1517 Boyer F A
1522ΔWhite A S Mrs ⓞ
1524ΔPack C H
1525ΔBall F F ⓞ
1535ΔKallimanis S D ⓞ
21

SE 16th av intersects
1604ΔGeis E M Mrs
ΔWilburn S M Mrs
1611 **Pembrook Apartments**
ΔBearden H R
ΔBenham Grace Mrs
ΔCastner T M Mrs
ΔChinn R M
ΔFansett L F Mrs
Gordon Dorothy Mrs mgr
ΔGordon J D
ΔHartling H A Mrs
ΔLamar Jean
ΔLow J S
ΔMiller W F
ΔNewman Opal Mrs
ΔPearson C E
ΔRoberts F W
ΔSchafer Gertrude M
Simon Beverly J
ΔSwerdlik Eug
1618ΔHollin E E Mrs
1625ΔMcComas Dolly Mrs
ΔNeal Jos
ΔRichardson Leta ⓞ
1631ΔRoot G G jr ⓞ interior dec
SE 17th av intersects
1704ΔParks H W ⓞ
1706ΔSavage R D
1710 Stanard Mason
1716 Finch L S
1718 Vacant
1728ΔMcPherson Mary Rasmussen O N
1733 Vacant
1734ΔHamel DeWitt ⓞ
1742 Nourse Paul ⓞ
SE 18th av intersects
1818 Creggen Jas
1820 Sipes H V Mrs ⓞ
1825ΔAdams G S Mrs
1827ΔAdams V S
1832ΔHarder D V ⓞ
1836ΔWilkinson M E Mrs ⓞ
SE 19th av intersects
1937ΔRadke's Gas Sta
23

SE 20th av intersects
2003 Vacant
2021ΔHruby Jim Co whol candy
2022 Bulloch Olga Mrs
2034ΔThompson W B
2035 Maehler E M Mrs ⓞ
2038ΔFlatts (heating dept)
2045 Twedt's Machy & Engineering drftsmn
2046 Miller F E trucking
2051 Neeland Robt

WASHINGTON SE 1950

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WASCO, NE—Contd
6114 Thomson E W ◎
NE 62d av intersects
6206 Moe L E ◎
6215 Joys L L Mrs ◎
6225 Nystrom W E ◎
169½
Unopened to NE 82d av
8223 Carew Edw
8233 Close Della Mrs ◎
Close M E Mrs nurse
8240 Hutchison S M ◎
8250 Stack H L ◎
8253 Hopkins J A ◎
8261 Van Steenwyk Esther
8262 Axelsen A H ◎
8304 Wren E A ◎
8314 Patton K E ◎
8324 Cupp G B ◎
NE 84th av intersects
8403 Trzil Jos ◎
8434 Robinson R G
8713 Carpenter L E ◎
NE 88th av intersects
234

WASHBURNE AV, N — From 3737 N Willamette blvd n
7119 Neely A R ◎
7120 Kohlruss F J ◎
7134 Hollis K L ◎
7135 Wilson M M Mrs
7145 Schilt M M ◎
7148 Geissel F H ◎
7204 Sestak Louis ◎
7205 Aspergren B N ◎
7212 Taylor T D ◎
7215 Harris A R ◎
7224 Bay M G ◎
7225 Vacant
7234 Lofgren H W ◎
7237 Dunn C E ◎
7242 Meyer Bess Mrs ◎
7301 Lyons M M ◎
7306 Butler C F ◎
7313 Brown L E ◎
7324 Raymond B A ◎
7327 Huseth H O ◎
7336 Erickson H M ◎
7337 Goss G E ◎
7408 Reece E W ◎
7409 Thompson G S ◎
7418 Bennett O C ◎
7419 *Jeremiah J E* ◎
7431 Kellogg A E ◎
7438 Robinson Percy ◎
N Lombard intersects
239
7527 Nicholopoulos Geo ◎
7535 Schulz Chas ◎
7547 Vacant
7555 Wiley C A ◎
N Russet intersects
7611 MacDonald H B ◎
7621 Teeters Wm A
7629 Bohrer E A ◎
7639 Vacant
7643 Porter J T Rev ◎
7649 Hopkins J E ◎
N Baldwin intersects
7676 Elgner Alex ◎
7681 Olson Leonard ◎
7686 Simons D D ◎
7689 Rollinson A E T ◎
7695 Spillman W P ◎
N Farragut intersects
7706 Walker E S
7707 Hall W A
7714 McSperitt R M
7717 Hugulet L H ◎
Jones R J
7804 Anderson G E
7805 Rasmussen H S ◎
7814 Caldwell F B
7817 Hausserman C W ◎
7824 King A C
7828 Jorgensen H W
Tuttle W W
7844 Bush O A ◎
7845 Ferguson J A ◎
7854 Hamren Linus ◎
7865 Allen R W ◎
N Winchell intersects
7900 Russell G L ◎
7916 Triber F M ◎
7919 Bennett J W ◎
7924 Stamm S O
7929 Poetsch C F ◎
7936 Hruby Frank
7937 Taylor H A ◎
7948 Westerhout G A ◎
8011 Felicietti A R ◎
8017 Waterman R L ◎
8029 Finnell C A ◎
8040 Schmid C F ◎
8101 Nunes R C ◎
8110 Howard J G Mrs ◎
N Halleck intersects
8203 Eschwig H J ◎
8209 Palmer H A ◎
8212 Under constr
8226 Hasbrook L L
8234 Starkel J D
8248 Miller R A
8252 Von Der Gathen Louis
8261 Foster E E
8267 Baum Geo ◎
8275 Mac Kenzie Kenneth ◎
8303 Rees Mary A ◎
N Willis blvd intersects
240
8930 **Apartments**
Abbott W C
Bergevin L A
Escudero A R
Greene A A
Hoxworth Annabelle
Morrison Robt
Stillman E G
Williams Clarence
8944 **Apartments**
Farrell Douglas
Futrell H D
Goddard M E
Hill E L
Rzegocki Theo
Sconchin R R
Whitcomb D P
9008 **Apartments**
French Mary H Mrs
Linde Clarence
Pease H Q
Sabolish Geo
Smith M R
Waymire E O
Woolery J F
N Trenton intersects
N Attu begins
9301 **Apartments**
Baker Gloria E
Carroll J B
Fain L I Mrs
Lewis Lott
Nozaki Enkichi
Olsen F W
Reid U S
Stewart Hosea
Uno Umeyo Mrs
9335 **Apartments**
Burgess B F
Calvin J W
Dumas Randall
Hall Chas
Howard Richd
Irving Robt
Krone Chas
Kurpuis E D
Miller Levi
Ray J M
Samms L W
Sharpe C
Williams Ozel Mrs
N Columbia blvd intersects
11

WASHINGTON, SE — From the river e 2 n SE Morrison
SE Water intersects
SE 1st av intersects
S P Ry tracks cross
73 Northwestern Ice & Cold Storage Co
139 Genl Mills Inc (mill)
SE 2d av intersects
201 Chemi Equip Co chlorinators
Dickensheets-Potter Co food brokers
Jullum Henry mfrs agt
Kelite Products Co clng compounds
Liberty Transfer & Storage Co (whse)
Mullenbach Elec Mfg Co
Sanderlin Co elec equip mfrs
Standard Forge & Axle truck equip
SE 3d av intersects
302 United Fruit & Prod Co
307 Fisher Flouring Mills Co
SE Union av intersects
415 Friberg Elec Co contrs
423 National Bldrs Hdw Co
SE Grand av intersects
506 Fathera Alice Mrs
528 McDonald C H acct
Wilson E L ofc
SE 6th av intersects
13
SE 7th av intersects
SE 8th av intersects
815 **Terrace Court Apartments**
Anderson J F
Benson R L
Blankenship M E
Boddy C L
Christenson Peter
Coons G L
Cooper Donald
Cornelius J B
Coryell H F
Culbertson Barbara J
Eaton C W
Ebert G
Estes A R
Evans J W
Ford H F
Galliher F J
Gray N A
Hansen G L
Janac C J
Kavanaugh M E
Klementis Jean L
Leetch G A
Machel Robt
McLeod Wm B
Millard H D
Miller H W Mrs
Pederson Arth
Pennell L C
Peterson G M Mrs
Pieln R O
Preston L W
Quiriconi J A
Rollins J C
Sansa Gabriel
Schick K R
Shearman J P
Shobe M A Mrs
Small G F
Sprouse W N
Stahl Edwin
Stuart R H
Sumoski Thos
Tennant M F
Vogel W G
Walker Jack
Weathersbee E J
Weiderspan Jack
Wiggs E M
Wilbur W M
Wood T W
816 Kodat D G ◎
822 Rex Raymond
830 Accord Augusta Mrs ◎
840 Stanford Research Institute
SE 9th av intersects
924 Harvey David cbtmkr
Wills J
925 Vacant
932 Rainboth S J
SE 10th av intersects
1000 Tuney F C
1014 Blancs F E
1025 Day H C Mrs
1034 **Nyleta Court Apartments**
Jones A P
Keller W I Mrs
Lee E A
Ottman D M Mrs
1035 Smith J H
1037 Sutton Noah
7
SE 11th av intersects
SE 12th av intersects
Unopened to SE 16th av
1605 Rogers T M ◎
1621 Vacant
1623 Carter E W
1625 Hennessy Duane
1627 Schaefer Jake
1631 Woodfield C P
1633 Settle H A
1635 Smith Walter
1637 Carrick H H
1641 Corn W A
1643 Shirey H Y
1645 Lamkin R L
1647 Hofferd R E
SE 17th av intersects
1710 Neufer K A ◎
SE 18th av intersects
1803 Maus J B Mrs ◎
1809 Henderson R H
1816 Luey Yuen ◎
1817 Ding Mun H ◎
1823 Calkins Gilbert ◎
1831 Lee O S
1833 Allison
1835 Hastings W J
1837 Watson A C Mrs ◎
SE 19th av intersects
1904 Willette M M Mrs
1918 Viggers Wm ◎
1919 McGregor J A
1921 Boone F M
1922 Amos F H
1936 Savuno A K ◎
1927 Williams R E ◎
1935 **Amherst Manor Apartments**
Edgar W J jr
Forrester J A
Martin Paula
Nelson Ulrika Mrs
SE 20th av intersects
29
Unopened to SE 20th av
2604 Vacant
2605 Bernard Lawrence
2613 Farr G E
2614 Rhoads W W
2623 Hawkins C A ◎
SE 27th av intersects
2704 Stangel W G
2705 Hallett L J
2709 Vacant
2716 Vacant
2717 Goldstein David
SE 28th av intersects
2809 **Flotom Apartments**
Arpin Julian
Coble J R
Haraldsen Otto
Kasewater Wm W
Parrish Jas
Pruitt E D
Reed G S
Triplett J A
2818 Ripley M W
2823 Stanton Eliz V
2825 Percy R B
SE 29th av intersects
2904 Keyes D S Mrs
2906 Super C J
2908 Cramer C P
2912 Berry H W Mrs
2914 Doerfler S M
2926 Steen E C
2938 Johnson Harold
2940 Lucas Geo
2942 Welch G V
Gau L H
2944 Nab Walter
SE 30th av intersects
69½
Unopened to SE 33d av
3317 Weigard D R ◎
3324 Burch L H ◎
3328 Carlson O O
3330 Nelson L R
3331 De La Vergne B E Mrs ◎
3335 McAnally A L ◎
3336 Vehrs Edith Mrs ◎
3345 Duffield N M
3349 Bishop R S ◎
3355 Stewart R E
3359 Smith T W
SE 34th av intersects
3404 Doran E L ◎
3416 Reeves W C ◎
3420 Domier G F ◎
3429 Collier L W ◎
3433 Scholfield H T ◎
3436 Larson L B Mrs ◎
3437 Brandel K P
3447 Anderson M C ◎
3448 Morrison E H Mrs ◎
SE 35th av intersects
3508 Mullennex C G ◎
3525 Meek T J ◎
3515 **Apartments**
Morris T E
Nyehart E L mgr
Reynolds G L
Rice T M
Schreiber E C
3516 Follis Geo W ◎
3525 Meek T G ◎
3528 Denner A E ◎
3529 Leverson Agnes
3533 Lambrechts Everett ◎ genl ins
3534 McMahon R E ◎
3543 Howison A P ◎
3544 O'Brien H A ◎
3552 Stewart G W
3555 Johnson Martha Mrs
Wallette M J
SE 36th av intersects
3603 Peterson J E Mrs ◎
3608 Poland J J ◎
3611 Wolfe N L Mrs ◎
3614 Stupp B L Mrs ◎
3619 Lowry C D ◎
3620 Ewers J C
3627 Frentress K T ◎
3628 Clark J R ◎
3632 *Haradon L W*
3633 Avenson G L
3640 Mayert J J ◎
3643 Dollarhide A R Rev ◎
3651 Kelty G G ◎
SE 37th av intersects
3704 Anderson A W ◎
3708 Albright C F ◎
3716 Kerr G S ◎
3717 Timmons B A ◎
3723 Anderson H O ◎
3724 Brown A L
3731 Benson H R Mrs ◎
3739 Davis A I ◎
3740 James O O ◎
3746 Hollinger Chas ◎
3747 Logan E H
SE 38th av intersects
3817 Davis J H
3819 Paul M M
3822 Fosnot H L ◎
3823 Shaw C A ◎
3829 Rommel R F ◎
3843 Walker R S ◎
71
SE 39th av intersects
SE Peacock lane intersects
Unopened to SE 41st av
4101 Hudnut A L
4107 Ness C W
4107a Vacant
4204 Fischer R R ◎
4215 Allen F P ◎
4221 Murphy J A ◎
4224 Booth Alex ◎
4233 Smith A F ◎
4234 Clemmens Edna
4242 Fransen G F
4253 Kelly C J ◎
4254 Bredow F C ◎
4272 Eddy A M Mrs ◎
SE 43d av intersects
4305 Zahn W A ◎
4306 Lovin B A Mrs ◎
4316 Rechel Z C
4317 Stocker O G ◎
4326 Latham P H ◎
4327 Hotopp H E
4329 Hansen Hans ◎
4405 Bond O H Mrs ◎
4410 Priestley C H ◎
Priestley Van Serv
4411 Peterson J F ◎
SE 45th av intersects
73
Unopened to SE 52d av
5205 Klinger D C ◎
SE 53d av intersects
5304 McClure Keith
5315 Schille J P ◎
5327 Bertoli C R ◎
5335 Wickersham E M Mrs ◎
SE 54th av intersects

YAMHILL SE 1950

WHEELER SALES TRAINING
DALE CARNEGIE COURSES
School of Commerce
709 S.W. SALMON •• BEACON 2119

WOOLSEY COURT, N—Contd
9140 Weller W P
9142 Sweatt L O
9144 Dryden T J
9145 Dutro J W
9146 Blackstone B D
9147 Sneed R E
9148 Mineer H D
9150 Robbin F D
9152 Pahl John
9153 Helm A G
9164 Duce E R
9155 Peddicord W C
9157 Bushnell G A
9159 Cholick J J
9161 McGowan V A
9163 Waldorff Goldie Mrs
9165 Perry R D
9167 Hill B J
9169 Vacant
9171 Kennedy W J
9204 Harris D L
9205 Veatch R A
9206 Lucas L C
9207 Faber F J
9212 Sawicki Frank
9214 Lynn R J
9215 Bartlett R N
9216 Mudge C E
9217 McDonald R J
9218 Hoffstetter W F ◎
9219 Schlecht R J
9220 Vacant
9221 Cockerham G H
9222 Scioscia F A
9223 Blumenthal Edgar
9224 Demmy Geo
9225 Witty J O
9226 Sutherland W F
9227 Leary F J
9229 Bonacker M R
9302 Standing A L
9303 Morgan J P
9304 Pugsley R L
9305 Denhart W D
9307 Keith D L
9309 Rabe R C
9310 Manley L G
9312 Callison D E
9314 Anderton D K
9315 McLaughlin H P
9316 Moore F J
9317 Clark J L
9318 Richtmyre R C
9319 Jenson R J
9320 Coates P M
9321 Barnes R A
9322 Vacant
9323 Sparling John
9324 Tangedahl C C
9325 Komp E B
9332 Turner H R Mrs
9334 Millican D E
9336 Fennimore E L
9338 Steele G L jr
9340 Rawson J F
9342 Martin R B
9344 Spence G S
9346 Wall J A jr
9352 Trezona J H
9354 Winward Gail D
9404 Ericksen F W
9405 Fogarty P M
9406 DeLong J H ◎
9407 Miner R K
9412 Honig E M
9414 Sevy Lazare
9415 Becker B L
9417 Ford P S
9419 Mackin J E
9420 Elliott R L
9421 Narey R D
9422 Speed R E
9423 Turner G E
9424 Cogill J W
9425 Talbot C E
9426 Cohen Fred
9427 Nashif Geo
9429 Christensen W J
9430 Weed J W
9432 McDonald W A

N Fessenden av ends
132

WRIGHT AV, SW (Arlington Heights)
W Burnside intersects
SW Tichener dr intersects
141 Jollivette G A ◎
211 Burkhart Anna ◎
229 Holden M M ◎
SW Park pl resumes
220

WYGANT N — From 4821 N Williams av w
15 Welch C L
106 Carlson A G ◎
Pearrow J A ◎
109 Hjelt M A ◎
Hjelt O J ◎
N Vancouver av intersects
N Gantenbein av intersects
Unopened to N Michigan av
1232 Dascomb P L
1234 Weigant K E
1236 Fallgren B J
1238 Bergsvik D F
1240 Flynn D S
N Montana av intersects
N Maryland av intersects
N Interstate av intersects
226
1521 Valleur John ◎
1551 Stachniewicz K F ◎
1604 Fields C E
1605 Mueller L C ◎
1625 Kelly J H ◎
1632 Aamoth C H
1635 White Sam ◎
1650 Tokola A S ◎
N Concord av intersects
N Denver av intersects
2006 Johnson B A ◎
2035 McCurdy J P ◎
2036 Heltzel R L ◎
2054 Rake M M Mrs ◎
2055 Greene Scott ◎
Hoffhine P H
2105 Budlitz C P ◎
2134 Chambers M L ◎
2137 Hall C W ◎
2153 Gano E C ◎
2156 Johnson R E ◎
N Gay av intersects
2214 Inabnit Mary ◎
2215 Wrinkle J W ◎
2224 Vacant
2225 Under constr
2234 Nichols G B ◎
2302 McGuire D M ◎
2310 Bender W B ◎
2315 Jorg R E ◎
2327 Brown C F ◎
2335 Abraham G E ◎
2404 Greger Florence A ◎
2405 Hudson C F
2414 McNutt B L Mrs ◎
2415 Rehbein G G ◎
2426 MacKenzie Selma Mrs
2427 Kinkade S A ◎
2431 Cappicot J M
2435 Randall M M Mrs ◎
2436 Beckham H C ◎
N Delaware av intersects
224

WYGANT, NE — From 4821 N Williams av e
25 McGrew T R Mrs ◎
NE Cleveland av intersects
54 Broadwell J A ◎
57 **Apartments**
Ceglie John
Meyers M G
Mueller Emil
Roth O T
Stark L R
Young G C
75 Hope Evangelical Lutheran Ch
80 Mortenson A L
82 Weinmann A E Mrs
84 Forsyth Florence Mrs
86 Parsons F H
NE Rodney av intersects
105 Johanson Hjalmer ◎
106 Carlson A G ◎
Erdmann B C
112 Moy F J ◎
117 Johansen Margarethe Mrs ◎
133 George S Y ◎
NE Mallory av intersects
204 Morlan M F Mrs
206 Hanson H C
216 Robinson W L
NE Garfield av intersects
305 Vacant
309 Hay Danl pub relations counsel
Independent Hotel Operators Assn
Oregon Bedding & Uphol Bureau
315 Ponder Oil Burner Co
319 DeFreitas J L pntr
325 Vacant
NE Union av intersects
199
424 Schwiesow J H ◎
436 Adams H H ◎
NE Grand av intersects
531 Stricker Susanna Mrs ◎
NE 6th av intersects
616 Clute G C Mrs ◎
626 Michael R J ◎
NE 7th av intersects
NE 8th av intersects
833 Smith A S ◎
NE 9th av intersects
915 Roth P E ◎
NE 10th av intersects
1003 Deschner John ◎
1006 Robinson E C Mrs ◎
1014 Kuhn Alex ◎
1017 Gibson R E ◎
1025 Montgomery C I Mrs ◎
NE 11th av intersects
NE 12th av intersects
1233 Allen Christine Mrs ◎
NE 13th av intersects
NE 14th av intersects
191
Unopened to NE 16th av
1606 Cullinan C E ◎
1607 Spreen A M Mrs ◎
1650 Ellingson M J ◎
NE 17th av intersects
NE 18th av intersects
NE 19th av intersects
1904 Pittman W E ◎
1905 Martig R W ◎
1914 Hughes E R ◎
1915 Stacey M E Mrs
1923 Cyrus Kenneth
1933 Evans R E ◎
NE 20th av intersects
NE 21st av intersects
195
2104 Brokoings J D
2112 Condon F E Mrs ◎
Wallis C E pntr
2124 Graber L B
NE 22d av intersects
2210 Bolger G P
2216 Saftenberg M A
2232 Warner N G
2236 Belsaas O C
NE 23d av intersects
2314 Wiegand J W ◎
2315 Cooley F E Mrs ◎
NE 24th av intersects
2416 Galbraith D M ◎
NE 25th av intersects
NE 26th av intersects
NE 27th av intersects
NE 28th av intersects
NE 29th av intersects
NE 30th av intersects
NE 31st av intersects
NE 32d pl intersects
NE 33d av intersects
Unopened to NE 42d av
204
NE 43d av intersects
4304 Beck C L ◎
132

WYNDHAM LANE, SW (Highlands)
1308 Hirsch H S ◎
235

YALE, N — From 7025 N Olin av w
N Fiske av intersects
4750 Vacant
4767 Berg R A ◎
4768 Oberg V J ◎
4773 Kirk K J ◎
4776 Galipeau J A ◎
4779 McLennam J D ◎
4782 Churchill W H ◎
4785 Salvo E C ◎
4788 Jubie A J ◎
4792 Carlson A T ◎
4795 Kerekes Paul ◎
4796 Adams W D ◎
4818 Wilcox A N ◎
4823 Williams E B ◎
4829 Churchill Floyd
4830 Nagmay J A ◎
4837 Collins C M ◎
4840 Isley W M
4900 McGlumphy G T ◎
4909 Nufer R J ◎
4912 Vogt J P ◎
4922 Swadburgh S B contr
4928 Morris E G ◎
4933 Alexander F J ◎
4941 Eddins L R ◎
N Haven av intersects
5009 Mihovilovich Thos ◎
5012 Arjavac A J ◎
5022 Arthur L E ◎
5025 Addi J J ◎
5032 Bray Edna M ◎
5104 Hathaway R L ◎
5105 Brown R C ◎
5115 Beach T O ◎
5118 Newell M F ◎
5129 Zinser A C Mrs ◎
5130 Ryan K J ◎
N Hodge av intersects
5212 Styles W W ◎
5215 Vacant
5222 Patterson O I Mrs ◎
5226 Vacant
5227 Penman P E jr ◎
5230 Tiner G R ◎
5237 Davison Q J genl contr
5238 Bond C A ◎
5241 Larkin L D Mrs ◎
N Stafford av intersects
5253 Jensen H F ◎
5261 Phelps G A ◎
5267 Moore C W ◎
5268 Brown W W ◎
5282 Fallihee T E ◎
N Portsmouth av intersects
236
5407 Nelson O L ◎
5410 Schuster B R
5427 Iverson D F ◎
5508 Skidmore Dolores Mrs
5516 Morrison Jos ◎
5530 Wilson Wilda G
N Van Houton av intersects
5601 Astor John Jacob Sch
5608 Hines H H ◎
5630 Ellsworth H I ◎
N Monteith av intersects
5705 Schott Saml ◎
5717 Hines A H ◎
5718 Wilson J F ◎
5802 Fenimore L E ◎
5810 Truman S L ◎
5811 Reynolds T M ◎
5822 TenEyck E L Mrs ◎
N McKenna av intersects
5905 Schaff G E ◎
5925 Harrington T E ◎
6015 Smith R E ◎
6027 Kartevold Carsten ◎
N Wall av intersects
6207 Kalimanis Saml ◎
6208 Nicholas Frank ◎
6214 Vollertsen W C ◎
6219 Weiss Alex ◎
6220 Stratton A T ◎
6300 Riggs J A ◎
6301 Curtis J N ◎
N Westanna av intersects
6412 Handsaker Carl ◎
6422 Page E W ◎
6423 Mustafa Adla Mrs ◎
6441 Plock Albert ◎
6442 Yolik D A ◎
6452 Viles M L Mrs
6500 VanWyk J H ◎
6508 English Fred ◎
6516 Percell H L ◎
6524 Lindquist H H ◎
6534 Hinman A D ◎
N Macrum av intersects
6621 Sether Palmer ◎
6722 Boussard Jennie Mrs
6727 Tabshy J S ◎
6731 George S B ◎
N Carey blvd intersects
6837a Khoury Jos
6907 Vacant
15

YAMHILL, SE — From the river e, 2 s of SE Morrison
ft Knappton Towboat Co
33 United Petroleum Corp whol gas
United Stas Inc whol gas
41 Darby R L Painting Co sign pntrs
Dolph P L contr
SE Water av intersects
50 Enterprise Planing Mill Co
61 Harris Ice Mach Wks mfrs
80 Harris Ice Mach Wks (whse)
SE 1st av intersects
81 California Spray-Chemi Corp
102 Vacant
105 DeLapp Lester trans line
Mt Angel Bulb Co (whse)
Roberts Bros (whse)
112 Vacant
122 Vacant
SE 2d av intersects
238 Frank Fink Co whol food
SE 3d av intersects
SE Union av intersects
SE Grand av intersects
SE 6th av intersects
17
630 Donohue J T
SE 7th av intersects
721 Sterling Motors Corp (parts depot)
SE 8th av intersects
SE 9th av intersects
Unopened to SE 12th av
19
1219 Young Margt Mrs smstrs
1222 Weir H E ◎
1223 Durant W C
1225 Price L C Mrs
1227 Manning C I ◎
1235 **Sauvie Apartments**
Cline R E
Coe Lewis H jr
Donovan M J mgr
Galbrecht Hazel F
Howes Cora M
Matheson Joan
McCarter Daca M
McKean Lois T
McLoughton F R
Sparks Pauline E
Toline L L
Twiner C R
1236 Maney J F
SE 13th av intersects
1305 Harris Helen A
Raicy F W ◎
1311 Robbins Charlotte Mrs
1318 Wallace W E Mrs ◎
1325 Mayer F B
McRae M A Mrs
Peterson Priscilla G
Tiffin C B
SE 14th av intersects
21
1629 Broms R E ◎
23
2020 Winkelman E F ◎
2026 Kitchens of Tomorrow designers
Troxel G E ◎
2031 Bauder E A ◎
2039 Patterson M C
2045 McClure F J ◎
SE 21st av intersects
2101 Fraley P H
2104 Sempert Helen
2106 Read J H ◎
2107 Walker L M Mrs ◎
2112 Mason L A
2115 Wiebusch H H ◎
2116 Ferguson A D ◎
2125 Curry R H ◎
2131 McEwen I M Mrs ◎
2137 Hemmingsen A S ◎
2147 Tuell A M Mrs ◎
SE 22d av intersects

MORRISON SE 1940

District Headquarters 234 Pacific Bldg. Telephone ATwater 3171

629△**McKinley Hotel Apartments**
△Iwashita Yenzo ◎
Baldwin Peggy
Betsworth Ted
Brewster Chas K
Burkland John
Corwin Ben
Cottingham Estella Mrs
Cozatt Earl E
Ficker Joe
Furst Jas E
Furukawa Henry
Hansler Frank
Hawkins Carl
Holbrook Sadie Mrs
Holz Wm B
Kibe Masse jr
Lesh Danl
Lord Bertha M Mrs
Purdin Austin W
Santerre Lucille Mrs
Sarich Rudolph
Snider Howard
Soeda Sai
Spencer Jas A
Stevens R A
Tanzell Frank
Viramontes Roger
Whaite Roger J
Wiess Wm
631△Dempsey & Campbell printers
633△Mitchell McKinley & Son produce brokers
△Industrial Specialties Co welding supps
634△Scharrer Orrin B gas sta
639 Broadside Publishing Co
SE 7th av intersects
700△Painters Supply House
717 **East Morrison Court Apartments**
Talbott Margt F Mrs mgr
Bruning Neal
Gray Mert E
Harvey J H
Hatter Frank
Jessup Benj A
Jones Ethel Mrs
Kosch Martha H
Krauser Jack
Peterson Darrell
Smith Jerry
Sturtevant Vernetta Mrs
Talbott Joshua C
Woods Kenneth M
719△Willamette Tariff Bureau Inc
723△Liggett & Myers Tobacco Co whol
727 Vacant
728△Jackson Chester O gas sta
729△Central Appliance Co lighting equip
735△Hastorf Inc plmbrs
SE 8th av intersects
807 **Montgomery Apartments**
Sata Chas K mgr
Abe Yoshio
Bailey P M
Berglund J P
Brownlee Chas
Burns F W
Burrow Elsie M
Chase Robt
Cody Lela
Fell Wm
Hamada Harry T
Herman A W
Hettum Chas
Johnson Orval
Jones Homer
Miller Dorothy Mrs
Millerke Wm J
O'Brien Jos
Sata Wm
Scoville F R
Smith Robt A
Sumoski Helen F
Ward Edw
Yazawa Chiyazo
808△**East Side Food Center**
△Bakke's Meat Market
Better Fruits
△Bio Chemic Health Food Shop
Byer Chas R whol sea foods
Central Lunch
Coast Coffee Products
Coffee Mug The restr
△Columbia Food Store
Cooper Theadra C restr
Donivan Harry T magazines and tobaccos
△Dorothy May Beauty Shoppe
△East Side Food Center Inc holding co
Glessner Chas E watchmkr
△Gold Service Corporation trading stamps
△Grand Fish Co
Hageman's Delicatessen
△Herman's Market meats
Higgenbothem T B florist
△Kappel's Old Holland Bakery
Liberty Fruit Co
Mantia Gus produce
Merchants Lunch
Mission Gardens produce
Mulharen Eva R Mrs artificial flowers
Peterson's Variety Store
Piha Saml E produce
Poulos Wm shoe shiner
Rennie Frank produce
△Rose Gray Shop confrs
△Roseway Dairy
△Routledge Ralph R seeds
△Safeway Stores Inc gro
Salta Frank produce
△Service Bureau Inc accts
Shimoishimaru Mitsue Mrs produce
Smith's Don Dairy Store dairy products and ice cream mfrs
△VanGorder C C delicatessen
Veronica Sante produce
829 Vacant
SE 9th av intersects
932△Carson John T fuel dlr
940△Springbrook Dairy
SE 10th av, SE 11th av intersect
1120△Bradley's Pies Inc whol
SE 12th av intersects
1216 StDavid's Parish House
1225 Vacant
1230△**Rex Arms Apartments**
Allen H L
Bass Wm H
Belcastro Pete N
Bettis Ernest M
Bligh C E
Boehmer Donald
Brigham Grace
Brill John
Buslach Arth
Conrad Urscula Mrs
Cousins Thos J
Davis J F
Dawson Kath
Donohue Wm J
△Epps David C
Evans Chas E
Frahler Gertrude M Mrs
France Lela Mrs
Gerlinger Willie A
Hageman Geo B
Hager Geo F
Hamreus Ina Mrs
Hawkins Walter M
Huggins Jack L
Humphreys Bessie
Hyland Halsted W
Ingalls Jean
Inman Ivan C
James Florence Y Mrs
△Jiroch Mary
Keys Jas J
LaMarr Jack
Logan Chester V
McBride E
Munly Eliz Mrs
Musckle Andrew
Nachtergaele Henry A
Newton Martin A
Nordstrom Clarence O
Olin Bernice
Oster Geo R
Peters Margt Mrs
Pierce Harold
Pollock John S
Porter-Smith Edw L
Purchase Chas H
Randall Ruth
Rice Chas E
Robbins Louise
Robinson J E
Roth Cecil
Tranchell Ernest R
△Volberding Ernest R
Walters Jerome V
Way V Mrs
Wells Howard B
Wilcox Carvel L
Williams Robt M
Zielke Chris U
1237△Bell Geo W
1245 Vacant
1247△Lyon John H
SE 13th av intersects
1300△Hagey's Pharmacy
1301 Andrews Robt ◎
1303 Vacant
1305 Nelson Eric
1307 Hummel Karl
1308△AAA Mattress & Upholstering Co mfrs
1315 Brown Lloyd
1317 Penney Ida F Mrs ◎
1322 Vacant
1323 Vacant
1327 Baker Orville N ◎ beauty shop
McAlinden Viva H Mrs
1328△Presto Cleaners clo clnrs
Williams Irwin ◎
1335△Schulz John F ◎ shoe repr
Larkin Grace
1336 Rowan Arline D Mrs
1339△Marcelline Beauty Shop
SE 14th av intersects
1400 Bleckinger Frank J beer parlor
1401 Kienow's Food Stores gro and meats
1408 Vacant
1412△Variety Bakery
1416△Remington The barber and beauty shop
1427 Vacant
1504 Levi Louis S ◎
1505△Reinke Wm C
1507 McDaniel Ira
1511△Kiley Margt M
1513△Gregg Grace G Mrs music tchr
1517 Engberg Leslie
1519 Robinson Ed
1520 Poulos Wm
1523 Wilkinson's Variety Store
1525 Vacant
1533 Vacant
1534 Vacant
1537 Vacant
SE 16th av intersects
1604△Reid Geo R ◎
1610 Bethers Maybel A Mrs
Kelsey Floyd J
Reynolds Lonnie R
Roskelley Nena C Mrs

TP	Adjoining	Source
-	✓	R.L. Polk Co., Inc.

10TH AVE SE 1940

508 Moys Viola F Mrs ◎
Greenman Harold N
Lytle Alfd
Sheppard Chas
Vrooman Tiny Mrs
516 Johnson Chas R
523 Carr Wm F ◎
529 Vacant
533 Plocher Fred
539 Toth Steve jr

SE Washington intersects

614 Bailey Pauline E Mrs ◎
615 Beyer Paul W
Chandler Arth N
632 Vine Wm
Criteser Morgan P
Waymire Anna J Mrs
Summerville R L

SE Alder intersects

705 Berube Virgil N
715 Watson Jeff
Harding Agnes J Mrs
Baird Lydia Mrs
Johnson John
Peterson Herman G
723 Gyorgyewitz Emilie Mrs ◎

SE Morrison intersects

800 Vacant

SE Belmont intersects

921 Market Club restr and bowling
927 Gatto & Sons whol fruits
935 Forney & Sons Inc produce
Mahakian Chas E fruits

SE Yamhill intersects

1030 Joe & Kay Produce Co whol prod

SE Taylor intersects

1127 Oregon Brass Works

SE Salmon, SE Main and SE Madison intersect

1427 Oregon Grange whse

SE Hawthorne blvd intersects

1513 Thomas Jas J
1514 Western Golf Course Supply Co mach shop
1517 Northwest Refrigeration Inc reprs
Contacters Co refrigeration service
1528 Ikerd Mary Mrs ◎
1529 Thomas John J
1532 Fisher Saml
1534 Brockhaus Otto H jr
1536 Vacant
1538 Oldham Guy C

SE Clay intersects

1616 VanHoomissen Chas
1628 Seaman Jennie C Mrs ◎

SE Market intersects

1701 Vacant
1711 Bake-Rite Bakeries Inc
1722 Lovegreen Frances Mrs
1736 Taylor Nora M ◎

SE Mill intersects

1835 Kerr Conserving Co mfrs preserves etc

SE Stephens intersects

1906 Jones Hauling Co auto freight
1917 Cavanaugh Claudia
1921 Silcher Herman C ◎
1924 Ferretti Gaetano ◎
1931 O'Donnell Wm R
1937 Younce Lorene T Mrs

SE Harrison intersects

2000 Mei Frank
2004 Vacant
2010 Pucci Francisco
2012 Fite Nick
2025 Oliver Wm
2026 Rinella Jos ◎
2034 Olson Hanley S
2035 Vacant

SE Lincoln intersects

2100 Columbia Toy Co Inc mfrs
2126 Jenkins A Rodney
2129 **Granten Apartments**
Walters Alvina K Mrs mgr
Goerz Oscar E
Homer Frank J
Horne Robt W
McLaughlin Ray
Moffett Ernest D
Musick Gladys W Mrs
Reid Ted
Worthington Arth R
Walters Adolph
2140 Hester Wm J pntr

SE Grant intersects

2204 Criger Pearl B
2205 House of Prayer
2212 Foster Thornton
2216 Hartley Wm G
2217 Johnson Wm
2222 McCaffery Wm
2225 Chaflin Ernest
2226 Homer Jos F ◎
2231 Richter Anna Mrs

SE Sherman intersects

2304 Accuardi Tony ◎
2305 Becklund Ivar
2313 Wolff Martha Mrs ◎
2319 Wolff Emil
2323 Vacant
2326 Barrett J B ◎ locksmith
2332 Schellenburg Wm F ◎

SE Caruthers intersects

2405 Giandomenico John ◎
2413 Stephens Claude F
2430 Foster H Wilbur
2434 Weigel Theresa Mrs ◎
2441 Paci Silvio ◎
2449 Pitts Clarence
2451 Schleigh C Bert

SE Division intersects

Unopened to SE Woodward

2912 Vacant
2922 Dibble Eliza C Mrs

SE Powell blvd intersects

SE Brooklyn intersects

3036 Gobler Herman W ◎
3044 Menig Henry J ◎
3100 Holloway Hazel A Mrs ◎
3112 VanSickle Lewis W
3116 Termeer Henry J ◎ pntr
3126 Lewis Claude E ◎
3204 Pike Frank N
3207 Grant Hildur L Mrs ◎
3216 Kerr Belle L Mrs ◎
3223 Vacant
3224 Vacant
3225 Frevel Bartholomew
3226 Clayton Robt I ◎

SE Beacon intersects

3305 Bussone Dominic ◎
3320 Timmons Dora M Mrs ◎
3324 Axford Marie Mrs
3325 Miller Eliz Mrs ◎
3334 Henderson Chas W ◎
3339 Spickelmier Jess G ◎
3340 Campbell Edw W ◎
3343 Sand Henry O
3371 Seidl Frank J ◎
3381 Esterbrook Sherman H
3389 Johnson Ishaboth W ◎

SE Haig intersects

3411 Edmonds Wm J fuel dlr
3421 Doane Fredk R ◎
3424 Wilcox Frank E jr
3430 Mangiantini Piacentino ◎
3431 Kurkinen Sophie Mrs ◎
3440 Pugliese Ann R Mrs ◎
3443 Vacant
3448 Schlechter Anton J ◎

SE Rhine intersects

3507 Koppelman Paul D
3520 Mitchell Margt Mrs ◎
3521 Heniges Frank I ◎
3529 Maas Reinhold C ◎
3603 Butler Curtis J
3613 Renner Lorenz ◎
3614 Staton Herbert G ◎
3622 King Arth R ◎
3625 Graco Jim E ◎

SE Rhone intersects

3702 Petersen Alex V
3706 Staton Margt M Mrs ◎
3711 Fieger John A ◎
3718 Dawson Orion B
3723 Gregg Robt ◎
3726 Guyer Saml T ◎
3735 Mayea LeRoy ◎ bldg contr
3740 Webb Horton E ◎
3745 Becker Chas A ◎
3755 Filipu Geo ◎
3758 Siedow Fred ◎
3766 Sherrett Hannah L Mrs
3767 Doerfler Geo ◎
3775 Kaiser Andrew ◎
3778 Olson Chas W ◎

SE Bush intersects

3805 Scherzinger John M ◎
3806 Schafer Eug J ◎
3813 Cornes Geo A ◎
3818 Kampf Jos B ◎
3823 Niedermeyer Jos J
3830 Prodinger John J ◎
3903 Hofele Frances Mrs ◎
3908 Holzwarth Fredk C ◎
3915 Cornog Chas ◎
3918 Lancefield Kenneth P

SE Center intersects

4003 Feltz Emil E ◎
4006 Weber Aug ◎
4013 Dreiling Alex P
4014 Heller Jos S
4016-18 Vacant
4020 Vacant
4024 Carbon Louis ◎
4025 Nizic Jos T ◎
4105 Wager Frank J ◎
4115 Calouri Ferdinand L ◎
4116 Hellerschmid John H ◎
4120 Green Frank S
4122 Hafner Frances F Mrs ◎
4123 Pfeffer Jos ◎

SE Boise intersects

4214 Fromme Wm M ◎
4223 Colby Michl ◎
4224 Clarke Geo ◎
4235 Moffenbeier Benedict F
4236 Blank Jos ◎

SE Cora intersects

Unopened to SE Linn

8851 Vacant
8852 Gorsline Elvin D
8852A Booker Freda Mrs ◎
8854 Heil Sarah A Mrs ◎
8862 Moore Mary B ◎
8867 Putnam Anna L Mrs ◎
8872 Stage Erwin ◎

SE Ochoco intersects

10TH AV, SW—Fr 1101 W Burnside s

324-30 Vacant
340 Brennan's Automotive Service auto reprs
341 Woolach Bros gas sta and tires
Penn Motor Oil Distributors
350 Hotel Morris

SW Stark intersects

403-07 Vacant
404 Underwood Elliott Fisher Co typewriters
408 Vacant
410 Underwood Elliott Fisher Co typewriters and adding machs
412 Jaggar-Sroufe Co elec contrs
413 Music Hall The beer parlor
414 Berger Bros wallpaper and paints
415 Vacant
420 Gray Rollie M tlr
421 Western Awning & Tent Co
424 Pittock Block side entr
425 Vacant

SW Washington intersects

505 Eastern Outfitting Co clothing

TP	Adjoining	Source
-	✓	R.L. Polk Co., Inc.

11TH AVE SE 1940

11TH AV, NW—Contd
535 △Allied Industries Inc mfrs agts
△Garland-Affolter Engineering Corp mfrs agts
537 △Bauserman Truck Line Inc
△Portland-Astoria-Seaside Auto Freight Line
NW Hoyt intersects
NW Johnson intersects
ne cor △Spokane Portland & Seattle Ry Co commissary dept
931 △Bohemian Club Beer Distributors Inc

11TH AV, SE—Fr 1101 E Burnside s
17 △VanDuyn Chocolate Shops Inc
SE Ankeny intersects
SE Sandy blvd intersects
120 Vacant
123 Anderson Gust
Pyle Ruth
125 Jordan Addie ◎
126 **Apartments**
Miller Jennie A mgr
Cranor Ruth Mrs
Mattson Wm
Paschal Martha J Mrs
138 Adams Irene
△Johnson Calvin F pntr
Moore Mary
Riesland Bessie
Waldref Mary Mrs
SE Ash intersects
208 Pomeroy Julian E ◎
212 Oliver Laurence E
216 △Bradley Clayton E
SE Pine intersects
305 △Kaiser Kate Mrs ◎
311 Bilinski Stanley ◎
319 Swartz Chas W
330 StFrancis of Asissi Parish House
△Tobin Thos J Rev
335 △Borich Nick J ◎ exp
Wright Roscoe K
SE Oak intersects
421 △McLaren Alex F ◎
Erskine Lydia E Mrs
422 Gray Nancy Mrs ◎
Otto Eric F
Wright Glen
SE Stark intersects
514 Veatch Robt S
518 Reynolds Esther Mrs ◎
523 △Tillman Maude E Mrs ◎
524 Klindt Arth F ◎ photog
534 Brockway Spencer D
Campbell Ellen T Mrs
Dietz Purda C
SE Washington intersects
603 △Zollner Geo ◎
604 Vacant
608 Vacant
614 Thomas Matilda Mrs
615 **Apartments**
△Condit Ida Mrs
Dugan Nellie Mrs
Kassebaum Freada F Mrs
Noland Melvin E
Petersen Alvin E
Stuckley Allie M Mrs
622 Klohk Herbert A
623 Vacant
630 Wallace Lacey W
631 Hanson Ruth W Mrs
634 △Paris Eliza Mrs ◎
SE Alder intersects
711 △**Melcliffe Court Apartments**
Landgraver L E Mrs mgr
Adams Louise
Armstrong Jos
Bartlett Lylas
Beck Bertha J
Bowen Jas
Bradt Harrison F
Bretz Thos H
Bretz Wm S
Brown Rodney J
Bruner Edw W
Chance Robt H
Coffman Ann
DeJonge Dirk
Dernbach Ralph
Dickson Harvey H
Dickson Lulu
Donaugh Geo
Dugan John L
Flanders Chester R
Green Cath F Mrs
Green Edna M
Gilbert Geo
Goughnour Gertrude
Hall Jean Mrs
Hall Roberta
Hamlin Frank
Harvey Fred E
Heyer Chas W
Isbell L A Mrs
Jennings Harry
Jewell May Mrs
△Kappel Jos
King Thos G
Krettinger Maude Mrs
△Landgraver Larry
Manning Travis E
Miles Eug
Moffitt Arth W
Mohr Jack
△Moser Simon H
Osborn Willis G
Osterholm Elmer
△Peace Marya Mrs
Reeves Robt B
Roestel Lorel R
Stille J C
Storey John O
Templeton John
Thomas Clifford B
Walker Adolph H
Wheeler J Paul
Wilkes Ray A
Wolff Fritz J
SE Morrison intersects
SE Belmont intersects
951 △Gardeners & Ranchers Assn
△Oregon-Washington Fruit & Produce Co whol
Caruso Tony S whol prod
△Garden Produce Co whol
Hasuike Isami whol prod
Michelle A whol prod
Scarfone Jesse C whol prod
△Sumida Roy Co whol prod
Kibe Masse jr whol prod
△Ito Albert whol prod
1010 △Froskist Ice Cream Co
SE Taylor, SE Salmon, SE Main SE Madison and SE Hawthorne blvd intersect
1511 △Sai's Cafe
1512 △Close's Radio Service
1520 △Neon Display Co
△Tiffany Wire Works mfrs
1521 Ray Jess P
1536 △Western States College chiropractic and naturopathy
Health Research Foundation Clinic
SE Clay intersects
1604 Geary Chas T
1605 △Engelmann Louise
Greene Barbara Mrs
1607 Schroder Frieda Mrs
1612 △Hing Lee
1615 △Taylor Jas H
1616 Lum Kem
1617 Ealy Rose Mrs
1623 △Western Engineering Co refrigeration
1635 △Zuber Concrete Construction Co
SE Market intersects
1700 Sunserie Anthony N
1704 Barron Walter L
1710 Scott Edw
1713 Pike John L
1716 Thum Chas R
1717 Oldham May O Mrs
1724 Gardner Henry ◎
1727 Bake-Rite Bakeries garage
1735 Kerzel Jos ◎
SE Mill intersects
1800 Bartlett Lavern
1803 △Stanard Wm O ◎
1812 △Mues Minnie
1816 Morisette Geo M
1817 △Mills Edgar L ◎
1820-32 △Hood Wilburn A uphol
1821 Folkins Allen M
1831 Cronin Ella J art tchr
1835 Yager Henry J
SE Stephens intersects
1906 Vacant
1908 Vacant
1911 Bogart Hal
Conrad Dave
Klepich Nick
Munger John P
Ward Gordon V
1917 △McCarthy Fenton A ◎
1918 Janzy Jas
1923 Everson Austin
1925 Vacant
1927 Martin Wm S
Thompson Otis
1931 Vacant
1932 △Bogdanovich Andrew N ◎
1935 Erickson Clarence
Kihs Ernest C
Landphere Oscar M
1937 Vacant
SE Harrison intersects
2000 △McMillen's Grocery gro and meats
2001 Gatto Antonio shoe repr
2005 Neeves Mina L Mrs
2006 Vacant
2007 Shannon Jas S
2008 Messineo Philip barber
2013 Abshire Geo F
2014 Inghram Susie Mrs ◎
2023 McKenny Marvin E
2026 Pappas John G
2029 Hunnicut Harold
2032 Morgan Thos F
2034 △Regan Helen Mrs
2035 △Hair Nettie E Mrs ◎
2036 △Bisbey Ronald E
2038 △Meserve Hattie E Mrs
SE Lincoln intersects
2105 △Silvercraft Plating Works
2112 Williams Riley E ◎
Killduff John
2115 △Lehman N Gladys Mrs ◎
2118 Rosenstrom Terrel F
Seibert Louise Mrs
2123 △Gogas Thos
2124 △Poleo Jos ◎
2126 Vacant
2128 Weideman John
2131-33 △Marion's Market & Grocery gro and meats
2139 Vacant
SE Grant intersects
2201 △Grannis Grocery
Combs Arth W
2204 Simar Frank R
Lehota Michl R
2213 △Sharp Emily A Mrs
2214 Rodlun Nelson A
2215 Clifford Chas C ◎
2224 Hall Willa ◎
2234 Broughton Percy J
2235 △Pacific Fence & Wire Co
SE Sherman intersects
2303 △Fletcher Eug M
2306 △Amato Salvatore ◎
2311 West Margt B Mrs ◎
2312 Roblin Cluze W
2317 Register Harold E
2321 Low Roy F

TP	Adjoining	Source
-	✓	R.L. Polk Co., Inc.

12TH AVE SE 1940

135△Blackwell Jas R
Cole Esther G Mrs
Mundstedt John W
Thompson Sunshine A Mrs
SE Ash intersects
201-07△Gottsacker J Edw gro and meats
211 Bidgood Thos F
Drost Roy W
Schouten Ray
212A△Lee Harold A
213△Great Western Coffee Co Inc
△Caswell Coffee Co
218△Doane Raymond P
220 Brown Chas L
Gay Elmer G
225 Graves Lillian M Mrs
Nichols Ida
Padelford John W
Wolfe John E
228 Kawahara Geo A
229 Burke Christina Mrs
SE Pine intersects
sw cor StFrancis Catholic Church
306△Portland Wholesale Nursery Co
SE Oak intersects
400△Ferguson Fred D
410 Kalewitz Louis T
416△Enright Jos E
417 Worth Frank P
418 Burch Fern
SE Stark intersects
503 **Todd Apartments**
Cottington Coral D Mrs mgr
Clark Mildred Mrs
Cottington Robt M
Davis Louis A
DeTourville Elsie J
Feller Wayne
Fisher Hazel
Gaddis Delwin V
Hansen May Mrs
Herman Harold P
Keenam Pete
Klinger Rose A Mrs
Lee Max
Ryland Elmer M
Timmerman Elmer E
Williams Harold M
513△Shaw Estella M ◎
525 Olsen Anna
535 **Apartments**
Clark Gordon N
Cleland Clyde
Mills Vera Mrs
△Nixon Wm H
SE Washington intersects
603△Lee Allen H
611△Elliott N Frances Mrs
Dolson Edw
617△Gwynn Maria Mrs
623△Collins Lewis H ◎
635 Martin Kenneth E
637△Hamlin Orville C ◎
SE Alder intersects
704 **Mary Stuart Apartments**
△Metzelaar Louis S ◎
707△O'Neill Chas H ◎
717△Herren W Melville ◎
723△Anderson Clara E Mrs
728△Durham Geo C ◎
SE Morrison intersects
804 Stewart Donald gas sta
807△McPhee Wm
817△Peters Henry W ◎
821 Vacant
823 Bonnot Thos R
830 StDavid's Episcopal Church
SE Belmont intersects
914△Stamps Jas M ◎
924 Burns Robt S
932△Roley Sam
943△White Delmer D
SE Yamhill intersects
1007△Thompson Reginald W ◎
1015△Doyle Andrew J ◎
Wallace Albert G
1016 Bailey H G landscape gdnr
1024 Eaton John H
McGrath Howard J
Urgin Fred
Woodward Beryl Mrs
1025 Sanderson Cath B Mrs
Summers Wm J
1028△Jordan Naum P gro
1032 Sunderman Lloyd G
1035△**Mission Rose Apartments**
Lambert Kathryn Mrs mgr
Abel A C
Blackburn D Leroy
Balke Bertha
Clear C Val
Fehrenbacher Henry R
Garbarino John V
Gepfrich John
Hodges Steph
Johnson Ethelyn
Kenton Wm G
Lambert Max B
Leithauser P
McCarthy F J
Odoms A
Parsons Wilmer E
Range K
Rienecker Elmer P
Rugg Maybelle B Mrs
Stafford W
1036△Blanchard Asa W
SE Taylor intersects
1106 Portland Gospel Tabernacle Assembly of God
1114 **Apartments**
Goeble Harry
△Loomis Harry R
Marson Chas
Nelson Martin
Padden Harold
Stillion Clem
SE Salmon, SE Main intersect
1313△Dairy Co-Operative Assn
1319△Interstate Associated Creameries
1340△Twelfth Avenue Tavern beer parlor
SE Madison intersects
1401 Vacant
1420 Vacant
SE Hawthorne blvd intersects
SE Clay intersects
1603 Creighton Alice M Mrs
1605 Pettit Wellman D
1607 Farre Wm
1609 Daly Phyllis Mrs
1617 Vacant
1621 Vacant
1629 Quong C H Mrs ◎
1631 Vacant
1638 **Mulberry Apartments**
△Friberg Wm ◎
Binschus Frank
Budrow Frank T
△Cawley Henry W
Caffyn John W
Connors J Earl
DeVeny Erma E Mrs
△Disdero Alfd
Graves Frank
Hayden Vera Mrs
△Hembrie Marie E Mrs
Hoffman Carolyn
Koenig David A
Lake Wm S
Magison Walter J
Maulbetsch Jessie
McDowell Kenneth A
△McGrew Richd J
Orth Lee A
△Pauli Cora A
Pendergrass Margt Mrs
Prince Agnes
Schild Peter
△Stenger Frank B
Thompson Gertrude
△Wagner Henry W
1639△Ararat Cleaners & Dyers
SE Mulberry av intersects
1711 **Apartments**
Hecker Barny J
Kerrigan Thos
Miller Jas D
△Zuber Ida Mrs
1717△Vogt Anna Mrs
1719 Pedersen Othelia Mrs
1720△J B Grocery & Market
1723△Erdmann Bertina C Mrs
1725 McDonald John N
1729 Miles Harry C
1734△Miller Fred R plmbr
1738 McDonald's restr
1742 Vacant
1748△Duffield Wm F ◎
SE Mill intersects
1802-06 **Apartments**
△Fetsch Maryann Mrs ◎
△Corrigan Edw J
△DeLashmutt Beryl
△Moore Karl D
Norbraten Alford J
Prescott Raymond F
1809△Kanaya Masaichi
1817△Kelley Chas L
1825 Progressive Psychic and Divine Healing Center
△Mittlesteadt Carl A ◎
1834△Block Rose H
1844△Chapman I May Mrs ◎
SE Stephens intersects
1902△Zuber Fred J
1903 **Apartments**
△Wooster Mary E Mrs ◎
Blankenship Martha Mrs
Collins Josephine
Corbly Ora Mrs
Temple Jas H
Woods Lena Mrs
1912 Koenigshofer Leo
1915△Lee Steph M S
1918 Addison Jas A
1924△Dickman Geo C ◎
1926 Vacant
SE Harrison intersects
2011 Brownlee Donald M
2014 **Bryson Apartments**
△Simmons Linnie W Mrs ◎
Armstrong Irene
Beatty Merle H
Bewley Margt Mrs
△Brown Nancy L Mrs
Clute Margt Mrs
Evans L Mabel
Farmer Sybil
Furry Mary I Mrs
Hale Thos
Lavoroto Ernest
Mizer Ole
Robinson Ralph D
△Rohan Serena E
Sagen Ruth
Ward Eug
Wilkins M O
2019△Ramsay Rex H hauling contr
2021△Berven Emma Mrs ◎
2028△Duverney Saml D ◎
2038△Gustaff Simon B ◎
2044 Fisher Pauline
2046△Ferraris Lee
SE Lincoln intersects
2102 **Virginia Lee Apartments**
O'Connell F B Mrs mgr
Anderson Claude I
△Bliss C H
Campbell Wm S
Conklin Elta I
Gustin Lucile L Mrs
Laaman Helmi
Lewellen Geo
△O'Connell Patk J
Poole Bessie B Mrs
Sandstrom Harold K
Stone Theo
2110△Bacon Merriel R ◎
2115 Bradley Chas O
2117 LaChapelle Aug L A
2120△Close Orrin S

PACIFIC MUTUAL LIFE INSURANCE CO

TP	Adjoining	Source
-	✓	R.L. Polk Co., Inc.

13TH AVE SE 1940

13TH AV, NW—Fr 1301 W Burnside n
29 Smith A B Chevrolet Co
35△White Auto Top & Body Co
NW Couch intersects
134△Nelson E J Co auto reprs
NW Davis intersects
202-34 Montgomery Ward & Co whse
NW Everett intersects
300△Plancich Fish Co Inc
Beck Morris A cured fish products
NW Flanders intersects
401△Armour & Co plant
NW Glisan, NW Hoyt, NW Irving and NW Johnson intersect
815△Gerrard Co The wire box strapping machs
825△Bisceglia Bros Inc whol wines
838△Mercer Steel Company Inc
NW Kearney intersects
900△Northwest Sales Co whol elec supplies
NW Lovejoy intersects
1039△Marine By-Products Fertilizer Co Inc
NW Marshall and NW Northrup intersect

13TH AV, SE—Fr 1301 E Burnside s
24 Lewis Orville
Roberts Edith Mrs
SE Ankeny intersects
111 Murphy Gladys P Mrs ◎
119 VanDanne Mary Mrs
Osburn Otto
121 Bly Bertha Mrs
Marshall Milton A
124-36 **Howard Apartments**
Walker Lawson D mgr
Adamson Grace
Barbur Everett C
Berryman Jacqueline
Burrell H K
Carpenter Carl F
Fredrickson E
Graham Edw G
Hale Harry
Moore Della
Nooner O A
Schnell Herman
Tollefson Grace
Walker Howard D
Ward Ruth
Wilson Pearl L Mrs
215△Seabold John W ◎
216△Swanson Ralph E
218 Nester Bert
225 Pauli Jos A
226△Banfield Alice M ◎
239 Tschanz Godfrey F ◎
SE Pine intersects
315 Vacant
316 Vacant
324△Sherwood Ralph M
325 Hess Geo E
SE Oak intersects
419△Simpson Paper Box Co
SE Stark intersects
Unopened to SE Morrison
812 Vacant
822 Demitrakike Gunst
823 Rex Arms Grocery
SE Belmont intersects
900 Smith Leslie F
904△Sundbom Leonard F ◎
915 Wilson Jas O
916 Ogle Jessie Mrs
923 **Apartments**
Houston Beulah
Howe Vance W
△Laramie Arth G
Lippert Chas
Traub Rose
Wilson Hazel
924△LaPlante Dav J
938 Warren Henry S P
SE Yamhill intersects
1013△Nelson Carl S
1016 Vacant
1030 Vacant
1032 Walpole Chas T
1034△Mercer Edw H
1036 Todd Grace Mrs
SE Taylor intersects
1106△**Claire Apartments**
Middaugh Abram A mgr
Alexander Wm
△Astell Geo
Berger Fred J
Donaldson Carie Mrs
Emerick Bertha Mrs
Fauley Frank
McDaniel Winard
McGuire R J
Pettit Ruth Mrs
Wendeborn Eleanor Mrs
Willimott Syd H
Yonker Corrinne Mrs
SE Salmon intersects
1223 McAllister Edna Mrs
Blank Melvin A
SE Main intersects
1303 Pfister Katie Mrs
1315△Parker Wilbert B
△Nixon Della F Mrs
SE Madison intersects
SE Hawthorne blvd intersects
Unopened to SE Division
2508△DeTemple John ◎
2513 Hinton Pete R
2514 Brockhaus Otto H
2518 DeTemple Henry C
2519 McCluskey Thos A
2524 Peterson Anton T ◎
2525 Harbaugh Washington E
2534 Rossi Rose Mrs
2537 Judy Fred ◎
SE Ivon intersects
2605 Franke Richd ◎
2615 Matteucci Pasquale
SE Clinton intersects
Unopened to SE Powell blvd
3205 Black Percy J ◎
3215△Anderson John M ◎
3216△Streimer Jos F ◎
3223 Franceschini Albert
3226△McClure Lilia A Mrs ◎
3234 Odgers Hannah Mrs
3237 Franceschini Vigelio ◎
SE Franklin intersects
3305△Giusti Lorenzo ◎
3316△Fassio Edw I ◎
3325 Smith Donald A ◎
SE Pershing intersects
3352 Stewart Otto ◎
3353 Leonard Spencer ◎
3356 Lindenthal Paul J ◎
3364 Vacant
3367 Bushor Fred N ◎
3372 Scanderbecco Jos
SE Haig intersects
3405△Reisz Michl
3411 Splawn Adeline H Mrs ◎
3417 Martin Sisto
3423 Welch Horace H pntr
3424 Marton Anna M Mrs ◎
3434△Tropfenbaum Frank C ◎
SE Rhine intersects
3502 Denison Morris
3505 Huie Saml ◎
Grohs Harlan C
3518 Dickerson Jos ◎
3523 Guelfi Frank
3524△Holliday Geo H ◎
SE Lafayette intersects
3601 Classic A E Mrs ◎
3604△Bellarts Henry J ◎
3611△Verdon B Anna Mrs ◎
3614 Dahlgren J Theo ◎
Courter Elmer D
3622 Tetzlaff Clemens
3624△Correll Wm R ◎
3625 Buson Jos ◎
3628△Stitzinger John G ◎
3640 Sugarman Jos
SE Rhone intersects
3704 Schieve Adolph ◎
3705 Nelson Gertrude M Mrs ◎
3706△Moore Chas
3716△Donkers Grover A ◎
3723△Boyle Ola Mrs
VanLoo Ellen T Mrs ◎
Jackson Jos F
SE Bush intersects
3803△Dahlgren Carl C
3804△VanLoo Jos A ◎
3838△Knudson Ludwig G ◎ pntr
3924 Bowers Oliver J
3932 Nelson John T
SE Center intersects
Unopened to SE Long
Unopened to SE Martins
6106△Jacin John M
6129△Clifford Eula Mrs ◎ nurse
6138△Myers Jay W ◎
6139 Hall Norman C ◎
SE Carlton intersects
6209△Pipes John M ◎
SE Henry intersects
6309△Hilen Gustave E ◎
Unopened to SE Bybee blvd
7018△Shaffer Clifford L ◎
7060△Bostwick Harvey G ◎
SE Rural intersects
7104△Diercks M Hayden
7126 Clayson Emma F ◎
7138△Goodrich Leslie D ◎
Forsythe Paul S
7152△Troost Neal H ◎
7214△Black Harry W ◎
7230△Waldele F A ◎ bldg contr
SE Sellwood blvd ends
SE Knapp begins
7306 Vacant
7315 Martin Lulu E Mrs ◎
7316△Giltner John R ◎
7406△VanSingle Menzo ◎
7409△Mitchell Sue L Mrs
7414△Keeney Harry G ◎
7419△Harris Lena Mrs ◎
SE Flavel intersects
7504△Taber Asel J
7509△Stewart Walter F ◎
7514△Linder Anton H ◎
7519△Graper Arth H
7524△Martin Lester E ◎
7536 Vacant
7539 Thompson Chas M ◎
SE Rex intersects
7604△Spencer Geo C ◎
7614 Vacant
7624 Schiele Martin ◎
7629 Hays Edw F ◎
7634△Sellwood Wm H ◎
7637 Minkler Geo N ◎
SE Malden intersects
7704△Shearer Hugh J ◎
7715 Strahorn Harry W
7721△Crystal Mattress Co
7725 Colby Fred H barber
7727 Vacant
7729-41 Vacant
7730△Sellwood Harold E
7732△Buxman's Inc food products mfrs
7742△Gardner Maurice L gro
SE Lambert intersects
7805 Robinson John L ◎
7814 Perkins Vaughn E
7815 Millican Wm B
7826△Sunshine Grocery
Peterson Iva M Mrs
7828△Wolf A Irene Mrs
7834△Barbara Beauty Salon
7836 Langevin Barbara L Mrs
SE Bidwell intersects
7850△Morrow J J chiropractor
7858△Morrow John J ◎
7875-81△Wall Frank H hdw
7884△Sellwood Motor Service
SE Lexington intersects
7901△Sellwood Grocery

9TH AVE SE 1940

7121 Dimick Jos W ◎
7131 Westcott Chas A
7143 Ritter Emil D ◎
7200 Johnson Wm A ◎
7203 Rothschild Julius ◎
7215 Hamilton Jas L ◎
7222 Gordon Frank E ◎
7225 Vacant
7245 Nye Elmer D ◎
NE Holland intersects

9TH AV, NW—Fr 901 W Burnside n
7 Pacific Finance Corp of California
Consumers Credit Co auto loans
13 Thorsen's Auto Park
25 Peterson Arvid lodgings
26-34 Day & Night Auto Service
31 Oregon Engraving & Electrotyping Co
Smith Howard F coml artist
33 Chamberlin Russ Co whol auto accessories
NW Couch intersects
102 Metropolitan Printing Co
108 **Graphic Arts Building**
Rooms:
201 Metropolitan Printing Co composing room
204 Binfords & Mort publrs
207 Updike Typesetting Co
Timberman The composing room
302 Bloch Adolph L Advertising Agency
305 Acme Art Engraving Co
306 Buck X-Ograph Co X-ray supp
Street continued
112 Oregon Advertising Distribution Co
Portland Shopping News circulation dept
115 Armory Automotive Service reprs
118 Expert Mailing Co letter shop
Strode Victor W inventor
124 Johnston Lee L
125 Vacant
133 Portland Art Metals Works
137 Weller Wm J gro
138 Johnston Mildred Mrs auto parking
NW Davis intersects
211 Ninth Avenue Cafe
Ninth Avenue Beer Parlor
215 Equipment Sales & Service whse
223-33 Wolff Electric Co mfrs
238 Longshoreman's Hiring Hall
NW Everett intersects
301 Coffee Pot Beer Parlor
Coffee Pot The restr
305-21 Benz Spring Co
338 James Kerns & Abbott Co printers
NW Flanders intersects
403 Vacant
410 Wong Joe tea importer
417 Fouch Electric Mfg Co
420-26 Vacant
431 Wagner Electric Corp
NW Glisan, NW Hoyt, NW Irving and NW Lovejoy intersect
1140 Union Pacific Dining Car & Hotel Dept Commissary

9TH AV, SE—Fr 901 E Burnside s
14 **Apartments**
Deragisch Leo A ◎
Moore Martha L Mrs mgr
Brooks Jas H
Farrow Edw B
Fitzhugh S B
Huntley Floyd J
Jones E Harland
Kennedy Ruby Mrs
May Rulon D
Mitchell I Glenn
15 Vacant
20 Brown H Ross ◎ shoe repr
Brownie's Bird Exchange
32 Brigham Anna R ◎
SE Ankeny intersects
103 Vacant
105 Kadderly Albert A ◎
Rea Cora M Mrs
107 Macbeth Lottie L Mrs
109 Vacant
112 Tripp Maxine Mrs
115A Duff Danl J
116 Swartz Danl B
117 Clawson Lou I Mrs
118 Dernbach Jos W
122 Hayes Josephine Mrs ◎
Cunningham Jas
Starkey Ira H
123 Smelcer Ida May Mrs
Woodward Minnie A Mrs
126 Vacant
131 Reeves Nellie Mrs
Sempert Alfd F
Nelson Ina
134 Dunbar Jas S ◎
135 Pritchard Minnie B Mrs
Bowie Alice C Mrs
SE Ash intersects
208 Vacant
215 Centenary-Wilbur Methodist Church
SE Sandy blvd, SE Pine and SE Oak intersect
404 Jones Matthew S ◎ gro
411 Vacant
412 Phillips Geo D
418 Smith Eliz M Mrs ◎
419 Wilson John P
Slingerland Sidney
Bolton Jas
Johnson Carl
422 Neibauer Otto T ◎
432 Yocum Barney E
433 Alstock Herman J
SE Stark intersects
504 Bickell Mary E Mrs
510 Workman Geo W
511 Kilgore Eug
Lemon Jessie Mrs
521 Meyer Henry F
525 Vacant
526 Vacant
SE Washington, SE Alder, SE Morrison and SE Belmont intersect
905 Boone Emma Mrs
907 Holland John T
909 Adams Marie M Mrs
938 Pierce L H Auto Service gas sta and auto reprs
SE Yamhill intersects
1002 Pein Box & Crate Co
SE Taylor intersects
1100-08 Vacant
SE Salmon intersects
1240 Senter Tool Service
SE Main intersects
1313 Palmer Saml H
1315 Western Fence & Wire Works
1317 Thayer Roy F restr
SE Madison intersects
1430 McDonald & Wetle sheet mtl wks and roofers
SE Hawthorne blvd intersects
1510 Red Men Hall
Jehovah's Witnesses
1513 National Laundry and Zoric Cleaners
Cole's Linen Supply Co
1522 Weiss Anna Mrs ◎
SE Clay intersects
1611 Cox M O Sheet Metal Co
1612 Avery Cath
1616 Trottie Jack
1617 Montell Rosena Mrs
1623 Clifford Marion
1625 Weese Cecil W
1627 Raymond Marie L Mrs
1628 Huntington Geo C ◎ apts
Berkey Ivan
Hughes John
McGrath Virgil
Sitton Geo
SE Market intersects
1700 Miles Newton E gro
1704 Sebastini Harry ◎
1708 Vacant
1714 Keep Wm A
1720 Stangland Chris O
1726 Weishaar Ida P Mrs
1732 Robbins Albert L
1733 First Free Methodist Ch
1738 Woodruff L Mark
SE Mill intersects
1821 Vacant
SE Stephens intersects
1902 Cerri Peter
Grove Carlton R
1912 Bertolu Gilbert
1915 Roan Louis
1930 Dolan Wrecking Co whse
SE Harrison intersects
2005 Giese Geo H
2013 Arnold Fred A
2014 Pacific Coast Broom Co
2017 Vacant
2025 Weaver Ethel C Mrs
2026 Vannini Alvera A
2032 Carrara Geo
2035 Sale Harriet B Mrs ◎
2037 Vacant
SE Lincoln intersects
2116 Muckle Bros Wrecking Co yd and whse
2122 Canfield Earl and Lee contr hauling
Canfield Harold D
2124-26 Vacant
2127 Vacant
2128 Muckle Jas A
2131 Smith Geo
2136 Muckle Bros Wrecking Co house wreckers
2137 Vacant
2139 Howard Rose Mrs ◎
SE Grant intersects
2205 Foley John A
2214 Peterson Marvin E
2217 Gruber Louis W
2218 Butler Lloyd B
2224 Mendenhall Elbert J ◎
2235 Jenkins Harold L
2236 May Melvin O ◎
SE Sherman intersects
2314 Sovlinsky Jacob G ◎
2328 Casciato Jos O
2329 Whitaker Wm H
2337 Kuetemeyer Julia J Mrs ◎
SE Caruthers intersects
2410 Gianinni Jos
2416 Danna Jos ◎
2422 Bocci Settimio ◎
SP Ry tracks, SE Division and SE Taggart intersect
2627 Dolan Wrecking Co Lbr Yd
2808-38 Teeple L R Co mfrs heating appliances
2817-19 Teeple L R Co whse
SE Woodward intersects
SE Powell blvd intersects
3006 Moore Walter A ◎
3007 Ruttner John L ◎
3013 Leadbetter Emma B Mrs
Williams Louise M Mrs
3014 Kennedy Jefferson B ◎
3019 Troub Harmon ◎
3025 Stone Guy
3035 Anspach Bertha L Mrs
3043 Evert Elsie A
3044 Robertson Margt M Mrs ◎
3114 Fisher Jack M ◎
3115 Torgerson Knute

ALDER SE 1940

Omega Rebekah Lodge No 67
Acme Rebekah Lodge No 32
Golden Rule Encampment No 28
Portland Ecclesia
Security Benefit Assn Kirkpatrick Council No 2227
626 East Side Police Station Precinct No 1
Sunshine Division Portland Police Dept

SE 7th av intersects

719 Harmony Hall
Harmony Hall Assn
Harmony Hall Gardens

SE 8th av intersects

801 Davis B E Machinery Co
808 Knight Packing Co food products
829 Skolil Foundry

SE 9th av intersects

922 Colahan Peter
924 Larsen Chris F

SE 10th av intersects

1027 Stilwell Geo

SE 11th av intersects

1110 East Portland Branch Public Library

SE 12th av intersects

1218 Petterson Chris
Carstensen Thomazine P Mrs
Rodman Burton H
1224 Smith Cora B Mrs
1226 Hutton Thos A
1234 Herrington Robt C
1242 Olson Axel E
1245 Washington High School Gymnasium
1300 Wilson Robt E
1306 Read Dottie P Mrs ◎
1312 Keeney Annabelle Mrs

SE 14th av intersects

1403 Michelson Melvin L
1409 Blana Aristides
1415 Thompson G Frank
1422 Engstrom Clarence I
1424 Kirk Minnie I Mrs ◎
1427 Engstrom Vernon
1435 Ferbrache Rilla Mrs ◎
Richards Rodelphus
Tempelis Delorose Mrs

SE 15th av intersects

1507 Adams Paul C ◎
1516-24 Vacant
1535 Spencer Nell K Mrs
Anderson Della R Mrs
Clark Paul H
Johnston Winnie Mrs
Perkins Emma Mrs
Waldren Amanda E Mrs

SE 16th av intersects

1618 Roberts Thos G
1626 Gottsacker J Edw
1714 Bogard Arlon O
1716 Cason Opal M Mrs
1718 Parisi Virginia A
Trebes Sue
1720 Baker Donald F
1725 Purser A T
1726 Parker Martha E Mrs ◎
1728 Ennis Etta M Mrs
1732 Reeder Arth J
1734 Slack Paul F
1736 Roberta Frank W
1737 Pallett Chas W ◎
1738 Sutton Cornelius M

SE 18th av intersects

1804 Busby Hazel M ◎
Maclean Wilfred M
1805 Thoreen Ernest A
1815 Poletiek Dick
1816 Wray Wm E pntr
1823 Sodja Mildred B Mrs
1826 Spain Jos H ◎
1833 Taylor Milton H

SE 19th av intersects

1904 Wunderlich Sylvester A ◎
1915 Keenan Mary B Mrs ◎
1916 Eubanks Albert A ◎
1924A Nelson Ulrika Mrs
1925 **Apartments**
Schulz Gustav ◎
Farrand C K
Kingsley Richd H
Radatz H C
Stump J W
1926 Coleman Margt L Mrs
1936 Vacant

SE 20th av intersects
Unopened to SE 26th av

2614 Vacant
2622 Vacant

SE 27th av, SE 28th av intersect

2824 Kerr Wm B

SE 29th av intersects

2905 vonKlein Neita Mrs
2909 Pedersen Harry
2911 Delman Milton
2915 Wheelon Lorne A
2924 Vacant
2934 **Alder Crest Apartments**
Bowman Robt G
Casey Robt E
Donovan Jean L
Herr Rose E
Johnston Augusta Mrs
Johnston Nance C
Justice Lula C Mrs
Kassebaum Herbert
King F E
King Gladys A Mrs
Kircher Chas A
McDaniel Wilson E
McMullen Ethel J Mrs
Oliver Wilson D
Skiff Carrie Mrs
Smith Floyd R
Tarilton Wm E
Wright Chester B
2943 **Laurelwood Apartments**
Bridger Lucille J Mrs mgr
Abeling Harvey C
Allen Thos W
Bridger Ernest H
Brown Stanford S
Cole Margt D
Crossley Harry jr
Eberly L E
Fourner H
Hessel Jack J
Holland Dorothy M
Horton Wm C
Jeremiah Mary J Mrs
Kraus Emma E Mrs
LeCocq Ralph L
Macpherson Jas
McLean Lois S Mrs
McPherren Mary A Mrs
Murphy Freda I Mrs
Newman Eric M
Spargo Jas

SE 30th av intersects

3005 Bush Bessie M Mrs
3006 Johnson Ida W Mrs ◎
3019 Gregg Harry O ◎
3019 Parmley Jas M ◎ bldg contr
3027 Butts Frank M ◎
3033 Geerligs Cornelius ◎
3039 McLean Verne A ◎
3050 Crescent Laundry
3051 Turley Thos W

SE 31st av, SE 32d av intersect

3203 Elliott Hugh ◎
3209 Wilson Wm R
3215 Allen Harold C
3224 Pritchard Thos J
3231 Blevins Wade H ◎
3237 Runyan Alta I Mrs ◎
3243 Pitts Jos R

SE 33d av intersects

3317 Vacant
3323 Coon Margt Mrs ◎
3334 Sunny Briese Garage auto reprs
3337 Vacant

SE 34th av intersects

3422 Jacobs Walter E
3423 Vagenos Nicholas N
3435 Burglund E Edw ◎
3440 Crooks P L & Co whse
3443 Merry Earl A
3449 Bell Ralph E

SE 35th av intersects

3504 Newton Mervyn V
3510 Burk Frank P
3511 Meyers Chas J ◎
rear Mackey Lee W
3516 Jones Ella A Mrs ◎
3517 Gleason Geo M
3525 Knowles Edwin W
3528 Sester Jos W
3535 Smith Otis S ◎
3536 Service Hetty Mrs ◎
3545 Russell Jennie F ◎
3548 Morrison Jennie H ◎
3553 Lupher Geo E
3554 Eckert Edw H
3555 Jones A P Mrs

SE 36th av intersects

3602 Wertheimer Jos ◎
Ryan John H
3603 Norton Wm W ◎
Moore Palmer C
3612 Tyler R Fern Mrs ◎
3615 Ireland Wm L ◎
3616 Swanson Carl A ◎
3623 Brandom Jeremiah W ◎
3624 Wells Harvey L
3634 Younger Marion E
3635 Saulser Clarence A
3640 Stapleton Jack D
3641 Carr Chas C
3652 Ketels John F ◎

SE 37th av intersects

3702 First Edmond L
3710 Woody Lacey E
3714 Harris Eliz D Mrs ◎
3717 Vacant
3722 Brande Walter S ◎
3727 Apperson Mellie Mrs ◎
3730 Barteaux Oral D
3733 Green Chas B ◎
3739 O'Connor Lydia A Mrs
3740 Britton Jas P ◎ pntr
3747 Thompson Erma W Mrs
3748 Johnson Bertha M Mrs
3752 Lynch Ray
3757 Kenny Dennis E

SE 38th av intersects

3805 Ellis Chas S ◎
3814 Pope Robt J
3815 McNerney Jas P
3820 Nelson Wayne J ◎
3825 Stanfield Harry H
3826 Hadley Sherman J
3834 Harms Edw E
3835 Winans Manuel ◎
3840 Dexter Wm G
3846 Eldredge Roy L ◎

SE 39th av, SE 40th av intersect

4104 Frantz Oscar F
4110 Bennett Chas A
4118 Vacant

SE 42d av intersects

4211 Suttle Geo ◎
4216 Aaron Herbert R
4224 Hillsbery Frank A
4234 Kight Walter L
4242 Heaton Carl C ◎
4243 Campbell Jos
4250 Ayres Lena ◎
4261 Karau Lothar H
4264 Misselhorn Jack

SE 43d av intersects

4305 Blasen Matthew H ◎
4316 Collins Edith S Mrs ◎
4323 Ryder Herbert E
Dunning School of Music
4404 Butler Alvin A ◎
4405 O'Hare Michl J
4407 Handley Isabelle Mrs

BELMONT SE 1940

Established 1866 — Pioneers in Portland Real Estate Service

BELMONT, SE—Contd
1304-10 Italian Market Grocery Co gro and billiards
1016 Monte Carlo Restaurant
1018 Gardeners & Ranchers Assn Building
Garbarino Wm L
1020 Bigelow Ben A
1024 A B Produce Co Inc whol Ito Albert whol prod
Cole Arth Co janitors supps
1030 Lido Restaurant
1036 Apex Products & Supply Co whol drug sundries

SE 11th av intersects

1135 Easley John E real est
Ulrich Wm A

SE 12th av intersects

1206 Nu-Way Auto Laundry
1216 Wright Mae E Mrs ◎
1223 Robertson John A
McLarty Kenneth
1224 **Apartments**
Herndon Robt
Kenton Arth
Magnuson Bertha J Mrs
Manley Reginald
Roberts Ben F
Robertson Carl
Whitney Spencer
1232 Sharon Anna L Mrs ◎

SE 13th av intersects

1305 Viereck Fred ◎
1313 Mebus John
1316 Lange Geo W ◎
1317 Fletcher Howard G
1323 Vacant
1335 Beus Elmer J
Kleemann Nellie M Mrs
Loader Sidney A
Marquez June G Mrs
1336 Setera Annie Mrs

SE 14th av intersects

1403 H W Food Market gro and meats
1405 **Wellesley Court Annex**
Daniel Walton S
Grindrod Edw
Groll Allen W
Morgan Richd W
Saraceno Jos
Swanson Lester
Wogsberg Harold J
1410 **Duke of York Apartments**
Peterson Karl D mgr
Arthur Geo
Bennie Amy Mrs
Berry Philip L
Blood Alta
Brounstein Bernard C
Burch Aurelia S
Dorney Geo
Dysert Ira
Fisher Mike
Gatewood Mary
Given Albert
Hoyt Wilbur
Logan Robt
Ludwick Edgar L
Major Chas F C
McCulloch Harry
McFarland Frederic W
McGrath M Eliz
Moorman Eliz
O'Brien Wm
Philpott Louise
Rasor Orville
Robbins Jos B
Robbins Leutie C Mrs
Robison Manley F
Schilling John
Scott Bertha
Smith Walter F
Snedegar Alvin
Staudenraus Maynard W
Stearns Kay Mrs
Weber Herman
Weiser Lloyd V
Whitehouse Hazel
1422 Brown Edw J

SE 15th av intersects

1503 Zimmerman Warren H
1506 Bakke Erling
1509 Zervis Jim
1514 Peters Lena M D Mrs
1517 Boyer Fredk A
1522 Craven Howard E
1524 Vacant
1525 Dermody Selina M Mrs
1535 McKenzie Murdock
Davy Conwell L

SE 16th av intersects

1604 Rhine Adeline H ◎
1611 **Pembrooke Apartments**
Swanson Lottie E Mrs mgr
Bassett Hope H Mrs
Bronleewe Ella
Castner Chas
Coulter Wm R
Edwards Herman
Gundlach Edw F
Jones J Paul
Maxwell Helen
Novak Frank J
Olson Emerald M
Paist Geo E
Stanley Dean
Swanson Alva F
Walker Emma Mrs
Watson Minnie Mrs
1618 White Jack E
1625 Bancroft Estella M
1626 Richardson Geo W jwlr ◎
1631 Wilson Ocie V

SE 17th av intersects

1704 Powell Esta M Mrs
1706 Hager Milton E
1710 Stanard Mason E
1716 Fraser Wm J
1718 Henderson Harry M
1728 Parks Hugh W
1729 Scoggin Barbara Mrs
1733 Stearns Martha A Mrs ◎
1734 Larsen M Irvin
Dockery Wm J
1742 McDuffee S Vere

SE 18th av intersects

1804 Levins Raymond V
1818 Hamilton Frank P
1820 Book John F
1823 Vacant
1825 Adams Curtis H
1827 Adams Vernon S
1832 Harder Donald V
1836 Wilkinson Jesse

SE 19th av intersects

1937 Vacant

SE 20th av intersects

2003 Hipperson Jack L gas sta
2021 Raab Ernest auto repr
2022 Safley Arley ◎
2034 Vacant
2035 Maehler Emma M Mrs ◎
2038 Belmont Sheet Metal & Plumbing Co Inc
2046 Watanabe Jas M ◎
2051 Sites Alpheus E
Wulf Harry R
2103 Bier Fred G
2109 Haslinger Geo J
2116 McHenry D H Mrs ◎
2119 Niklas & Son florists
2122 Vacant
2124 Wiglesworth Victor T
2126 Vacant
2128 Christensen Ethel M Mrs
2138 Kimball Geo F
2140 Vacant
2146 Dowling Eug H ◎
2208 Maddux Mabel H Mrs
2214 Savage Ann E Mrs ◎
Erickson Carl H
2215 McDowell Artie L
2222 Pullen Arth L ◎
2223 Cushman Della Mrs ◎
2231 Cooke John T ◎
2239 Mader Edw M ◎

SE 23d av intersects

2327 Sheffield Alfd F ◎
2331 Hogue Dellamae ◎
2336 Mayert Bernhard J
2339 Gardner Ralph M
2341 Hune Alfd A
2344 Killies Bertha A Mrs
Brown Bernice Mrs
2402 Newell Eliz R Mrs ◎
2403 Bird John P ◎
2411 Walker Johnnie Sheet Metal Works
2412 Hickson Minnie L Mrs
2423 Gullette Fred ◎
2426 O'Brien Walter T
2431 Smith Grace K Mrs
2434 Hill Charley L
2435 Wodgenski Mary B ◎
2440 Peterson Oscar H
2442 Ericson Carl
2445 Vacant
2450 Northwestern Devices novelties
2452 Brehaut Jas D
Strong Anna H Mrs
2454 Brehaut Jas D gro

SE 25th av intersects

2508 Sawyer Hazel Mrs
2510 Dobbins John B
2511 Oubram Jos ◎
2518 Jess Herbert M
2519 Clark Geo E ◎ gro
2520 Vacant
2522 Fletcher Orris O jr
Cronn Richd
2524 Prior Manton H
2525 Fantz Jas S ◎
2527 Tichenor Mary W Mrs
Mills Thos
2533 Schreiber Max W ◎
2534 Musgrove Grover C gas sta
2535 Angelus May Mrs

SE 26th av intersects

2622 Vacant
2623 Coon Eug C
2624-28 Vacant
2637 LaFond & Briggs Super Service gas sta

SE 27th av intersects

2701 Vacant
2702 Brady Thos F ◎ cement contr
2703 Ponnay Cora A Mrs ◎
2704 Johnston Jos H C
2705 Vacant
2707 American Heating Co
2715 Hoffman Walter A ◎
2716 Smith Malcolm A ◎
2726 Trudel Gerald P ◎
Harkins John P
2732 Martin Kittie Mrs ◎

SE 28th av intersects

2808 Calbreath Helen I ◎ music tchr
2822 Gibson Garland L
2828 Gibson Garland L barber
2829 **Belvedere Apartments**
Livengood Harold T mgr
Aiken Edw
Allhands Frank H
Corcoran Edith J Mrs
Funk Kath E
Gurdane Vayne M
Hamlet Anne
Hansen Jas C
Hobbs Ernest W
Krietz Albert C
Labbe Carrie E Mrs
Landers Geo K
Leach Frances M
Lewis Frank
Marshall Ella M Mrs
Mitchelson David
Murphy Edw B
Newberry Alfd W

BELMONT SE 1940

314 Turner Wood Yard
315 Ede Oliver H
317 Slingerland Geo T ◎
NE Union av intersects
412△Repp Geo ◎
420△Gunsaulis Harold J ◎
NE Grand av intersects
503△Keithley Herbert H ◎
511△Cullen Carrie Mrs ◎
525 Hawkins Geo H
537 Schmunk Herman
NE 6th av intersects
603 Stockert Geo
616△Wagner David ◎ scvngr
622 Vacant
623 Donohue Michl gro
636 Hopp Henry ◎
NE 7th av intersects
703 Ayers Mark E
NE 8th av intersects
807 Huwa Katie Mrs
836△Edwards Alex ◎
NE 9th av intersects
920△Gomer Henry ◎
923 Knippel Geo jr
931 Schlegel Leo
936 Reichlein W J
937 Hartung Geo J ◎
NE 10th av intersects
1003△Klaus Adam
1006 Glanz David ◎
1017 Miller Henry
1023 Tober Emil R
1033 Yost Elmer H
NE 11th av intersects
1102 Schmeer Geo ◎
1116 Vacant
1122 Anderson Ellen A ◎
1130 Keller Lawrence H
1136 DeLaunay Vernon A
1137△Fiske Simon J
McCullen Floyd
NE 12th av intersects
1202 Lehl Henry ◎
1213 Lehl Henry jr
1216△Pritchard Melvin P
NE 13th av intersects
1303 Ross Edison L ◎
1317 Earnst Elsworth E ◎
1327 Arndt Martin ◎
1339 Derr John
NE 14th av intersects
1424 Seip Robt H ◎
1425△Entler Kath L Mrs
1434△Kaplan Louis ◎
1435△Dame Wm E ◎
NE 15th av intersects
1508△Krieger Conrad ◎
NE 16th av, NE 17th av, NE 18th av and NE 19th av intersect
3613 Vacant
4225△Schindler Paul ◎
4235△Schlitt Peter ◎
NE 43d av intersects
4315 Jones Edw C
4325 Wilson Wm F ◎
4331 Hook Glenn A
4341△Butler Oscar M ◎
excavating contr
NE 44th av intersects
4401 Vacant
4421 Odeane Hans ◎
4461△Fox Paul I ◎
NE 45th av intersects
4527 Penny Sarah E Mrs ◎
4537△Bartlett Michl W ◎
landscape gdnr
4547△Sanders Geo J ◎ bldg contr
NE 46th av intersects
4605 Vacant
4621 Vacant
NE 47th av intersects
Unopened to NE 57th av
5706△Walkerling Ray E ◎
5709 Vacant
5718 Lindner John ◎
5721 Tubbs Ida Mrs ◎
5725 Smith Willard C
5731 Dillon Martin T ◎
5738△Davis Mabel C Mrs ◎
5747 Moran Edw J ◎
5801 Robbins Borghild Mrs ◎
NE 59th av intersects
5903△Ryder Henry E ◎
5904 Muldoon Major E
5910△Bishop Walter D ◎
5915 Bancroft Frank
5924△Quine John W ◎
5925 Rush Rachel Mrs ◎
5933 Schlafle Fred
5934 Dutton Maurice L
5943△Swanson Anna M Mrs ◎
6017 Olsen Olaf M ◎
NE 61st av intersects
6105△Dreesen John ◎
6115 Kern Henry ◎
6124△Darling Leon G ◎
6125△Salmon Herbert D
6135△Case Henry O
6136 Keeney Chauncey W
6145 Sumner Elsie M Mrs
6146 Henke Clara L Mrs ◎
6159 Norgaard Geo ◎
6162 Bright Walter G ◎
6171△Abbott Orval D pntr
6210 Vacant
6230 Johnson S Christine Mrs
NE 63d av, NE 64th av, NE 65th av, NE 66th av, NE 67th av, NE 68th av, NE 69th av and NE 70th av intersect
7004△White Haldane M jr
7033△Edwards Robt H ◎
NE 71st av intersects
7105 Halladay Oliver K
NE 72d av, NE 73d av, NE 74th av, NE 75th av, NE 76th av, NE 78th av, NE 79th av and NE 82d av intersect

BEESLEY—North of Parkrose

BELGRAVE AV, NW (Willamette Hts)

BELKNAP AV, N—Fr 3286 N Terry n
7816 Vacant
7824 Fuller Fred M ◎
7832 Wissinger Elmer M ◎
7852 Sprawcew Barbara Mrs ◎

BELLEVUE AV, NE—Fr intersection of NE 13th av and NE Portland blvd nw
NE 13th av, NE Morton, NE Lenore, NE Morse, NE Winona and NE Dekum intersect
6807 Newell Clark M
NE Woodlawn intersects
6968 Carr Jas ◎
NE Oneonta intersects

BELLINGHAM, N—Fr 9939 N Midway av n
7011 Coach Emil L ◎

BELMONT, SE—Fr the river e l s of SE Morrison
SE Water av intersects
56△International Harvester Co agrl implts
83△Freeman J A & Son agrl implts
△Jackson Implement Co agrl implts
△Western Road Machinery Co
SE 1st av intersects
111△Northwestern Ice & Cold Storage Co br
112△Feenaughty Machinery Co agrl implts
△Gardner-Denver co road machy
SE 2d av, SE 3d av intersect
330△Spokane Portland & Seattle Ry East Side freight depot
SE Union av intersects
406△Miller C Kenneth gas sta
420-22△East Side Printing Co
426△**Rowell Apartments**
Shannon Gusta Mrs ◎
Sterling Anna Mrs ◎
Holstrom Richd
McHenry Carl A
Roberts Jos
Spatz Leona
427△Northwest Printing Co
SE Grand av intersects
521 DeLuxe Motor Service gas sta and oil filter dlrs
522△K-B Automotive Service auto reprs
532△Janesch Edw & Son Inc lighting fixtures mfrs
△Hill Frank A sporting goods mfr and industrial eng
534△C & S Auto Paint Shop
SE 6th av intersects
600△Geltman Sponging Corp
601△Bow & Arrow beer parlor
607-9 Vacant
613△Wong Henry
615 Vacant
616 Standard Supply Co whse
619 Dials Cafe
627△Mann's Tire Shop
630△Pacific Machinery & Tool Steel Co
633△Powell Lee G gas sta
SE 7th av intersects
700△King Automotive Service auto reprs
701△Reinke Wm C locksmith
705△**New York Apartments**
Ball Anna Mrs mgr
Anderson Geo E
Baldwin Jas H F
Bowman L
Deringer Sadie Mrs
Durham Albert D
Harvey Lloyd A
Hill Annie Mrs
Kertchem Laura B Mrs
Lucas Albert
Lucas W A
McDonald Mary J Mrs
Morrison John
Oak Wm
O'Dell Frank I
Patrick V A
Rockwell Leon
Rovito Frank
Simmons Grace Mrs
Straus Harry E
Weaver Roy G
Wittle John
707 Vacant
712△American Garage auto reprs
724 Brown Earl
726 Searle Robt
728 Stacey Claude
730 White Roy J
733△Long & Groshens gas sta and auto reprs
SE 8th av intersects
803-33 East Side Food Center (For list of stalls see 808 SE Morrison)
804△Dolan Wrecking Inc
△Dolan Building Material Co
826△Ferrier May J Mrs
830 Burroughs D Elmer
838 Chamberlin Verna B Mrs
839 Reeves Robt B barber
Grand Central Cleaners & Dyers
SE 9th av intersects
915 Vacant
936△Weldy Quentin B gas sta
SE 10th av intersects

TP	Adjoining	Source
-	✓	R.L. Polk Co., Inc.

WASHINGTON SE 1940

339 S.W. FOURTH AVE. • AT. 1821 SAWDUST

WASCO, NE—Contd
3244 Hiser Otis E
NE 33d av intersects
3302△Franklin Lela Mrs
3305△Eaton Ross T ◎
3317△Sugarman David ◎
3325△Lewis Robt V ◎
3337△Cook Sophie Mrs ◎
3345△Davidson Roderick M ◎
3355△Foertsch Wm C
3367△Vernstrom Nels ◎
NE Sandy blvd intersect
Unopened to NE Imperial av
NE Senate intersects
3507 Vacant
3540 Vacant
3602△Cheney Orin A ◎
3615△McGowan Fred C
3616△Graham Saml H ◎
3624△Skinner Hugh M ◎
3625△Martin Victor F ◎
3636△Bay Fred N ◎
3646△Slemmons Kate E Mrs ◎
3651△Druce Louis V
3656△Elliott Harry C ◎
3659△Kidd Allen E ◎
NE 37th av intersects
3705△Anderson Geo
3717△Bush Marvin J ◎
3725△Gilbert Georgina Mrs ◎
3734△Morgan Albert D ◎
3737△Cunningham Walter
3747△Frie Mertie Mrs
3755△Peters Lester J ◎
3813△Lucas Harold R
3814 White Oliver G ◎
3819△Othus Percy M ◎
3831△Bertz Geo ◎
3839△Fox Jos
NE 39th av intersects
Unopened to NE 47th av
4721△Rink Aug ◎
4730△Asbahr Erwin W
4737△Clark John M ◎
4744△Sheasly Earl F
4745△Dolan Thos J ◎
4754△Schick Harold R ◎
4757△Lasselle Sanford A ◎
4762△Spickerman Ed R ◎
NE 48th av intersects
4800△Lowery Arth T ◎
4801△TenEyck Lawrence A ◎
4814△Ede Glen M ◎
4815 Gurnee Donald M H ◎
NE 49th av intersects
5005△Estabrook Merrill H ◎
5012△Carlson A Lawrence ◎
music tchr
5024△Zenner Geo P ◎
NE 51st av intersects
5124 Jeremiah Clarence H ◎
5125△Matheison Robt J
NE 52d av intersects
5224△Bechill Jas A ◎
5225△Cook Sherman L
5230△Patterson Roy K ◎
5324△Stalzer Frank J ◎
NE 54th av intersects
5420△Westin Fred J ◎
5712 Vacant
5714 Morilon Donald J ◎
NE 58th av intersects
5833 Somers Norbert
NE 59th av, NE 60th av intersect
6023 Stewart Wm M
NE 61st av intersects
6114△Royall Wm M ◎
NE 62d av intersects
6215△Andrews Nellie E Mrs ◎
Unopened to NE 82d av
8233 Holdaway Zelphia L Mrs ◎
8240△Carpenter Edgar E ◎
8253 Dippre Wm A ◎
8261 Carrel Amelia Mrs
8262 Axelsen Alfd H O ◎
8304△Wren Earl A ◎
8314 McCaslin Eliz Mrs
8315 Tollefsen Martin ◎
NE 84th av intersects
8403△Trzil Jos ◎
8434△McCarthy Lila H Mrs
8713 Vacant
NE 88th av intersects

WASHBURNE AV, N—Fr 3737
N Willamette blvd n
7119△Grimm Carl O ◎
7134△Sheerin Richd D
7135 Kohlruss Fred J
7148△Geissel Fred H ◎
7204△Sestak Louis ◎
7205△Matheson John ◎
7212 Laberee Geo P ◎
7215△Martin Myron ◎
7225 Vacant
7234△Lofgren Harry W ◎
7237△Dunn Cornelius E ◎
7242△Meyer F Wesley
7324△McGee Claud A ◎
7327△Huseth Helmer O ◎
N Lombard intersects
7535△Cady Chas M ◎
7547 Moon Holly F
7555 Nickolopoulos Geo
Argeriou Stathis ◎
N Russett intersects
7611 MacDonald Homer B ◎
7629 Bohrer Emil A
7639 Miller Frank A
N Baldwin intersects
7676 Evanson Clifford C
7681 Olson Leonard ◎
7686△Simons Dale D ◎
7689 Wiseman Henry L ◎
7695 Spillman Wm P ◎
N Farragut intersects
7707△Hall Wm A ◎
7717△Schoenborn Ewald
Johnston Donald W ◎
7805 Rasmussen Harry S ◎
7817△Hausserman Chas W ◎
7844△Bush Otto A ◎
7845△Ferguson Jas A
7854 Fickle Zebedee J ◎
7865△Allen Robt W ◎
N Winchell intersects
7900△Ryel Harold J ◎
7916 Hegeberg Fred J
7924△Young Earl D ◎
7936△Vanderveen Leah C Mrs ◎
7948△Krieg Geo ◎
8040 Schmid Clark F ◎
8110△Copeland Jos L ◎
8118 Nesting Matthew ◎
N Halleck intersects
8261 Huson Chas E ◎
8303 Rees Mary A ◎
N Willis blvd, N Hunt intersect
8736 Vacant
8845△Kaump Geo E ◎
N Houghton intersects
8907△Hughes Geo F ◎
N Trenton, N Newark and N Columbia blvd intersect

WASHINGTON, SE—Fr the river
e, 2 n SE Morrison
SE Water, SE 1st av and SPRy tracks intersect
73△Northwestern Ice & Cold Storage Co
139△Sperry Flour Co
△Pacific Coast Elevator Co
SE 2d av intersects
201△Rainier Brewing Co
SE 3d av intersects
301 Vacant
302△United Fruit & Produce Co whol
307△Fisher Flouring Mills Co
SE Union av intersects
402△Portland Armature Co elec appliances
404 Huntwood Annex furn rms
408 Vacant
409 Killduff Wm
415△General Sign Co
417△Sturm Elevator Co
423 Vacant
SE Grand av intersects
506 **Apartments**
Fathera Alice A Mrs
Kromke Thos
515△Marshall C H expmn
517 Vacant
526 Vacant
528△Southwick Earnest A jr lino comp
SE 6th av intersects
618 Kapus Mary Mrs
619△Enamodent Laboratories Inc mfrs dental supps
624 Independent Tent & Awning Co
Kabel Fred A
626△Hansen Nels P pntr
628 Vacant
630△Ernie's Glass Shop glaziers
632 Vacant
SE 7th av, SE 8th av intersect
802 Elston Calvin C
808△Brown Henry X ◎ plmbr
815△**Terrace Court Apartments**
Gallegly Alma H Mrs mgr
△Amoth C N
Barksdale Hazel V
Bissell Grace
△Blankenship Maynard
Bourne John
Brunson Melvin M
Chapels Adolf J
Chase Robt
Chauvin John C
Crawford Chas
Crites R D
Doos Alice
Edwards Jack E
Estberg Norman E
Ginther LaVadna Mrs
Gottsch Harvey
Gross Hazel
Hemphill John C
Holcomb Vernon W
Honeyman Neil B
Housinger Doris
Jensick Bertha J Mrs
Johnson Ida Mrs
Kennedy Jack F
Koppen Carl
Leppert Ruth M Mrs
Linde Anton E contr
Lutz Patrice
Mann Clarence T
Meyer Jacob G
Meyer Leona
Milan Danl
Nash Edw
Ready Bess Mrs
Retherford Leona
Rice B W
Schoessler Emma Mrs
Skinner Paul
Smith Roland
Story Thos
Vaughan Wilbur C
Wandrey Richd P
△Warner Harold
Wegner Carl
Woodward Frank H
816 Muffley Frank G
822 Vacant
823 Chaples Adolph
830 Hoel Peter
SE 9th av intersects
924△Universal Bed Co mfrs
925 Anderson John ◎
932 Davis Jack
Gritzmacher Ida Mrs
Ojala Esther
Smith Esther Mrs
Stephens Helen E Mrs
SE 10th av intersects
1000 Gwynn Marie R Mrs gro
rear Johnson Carl A
1006△Neumann Wilmer G
1014 Neumann Wm E ◎ pntr
Blanc Fredk E
1025△Ragan Albert S
Shell Anna Mrs
1034 **Nyleta Court Apartments**
Figini Jos
Morton Wm B
Oetting John R
Weiner Ben
1035△Morris Herman D
1037△Sutton Noah ◎
SE 11th av, SE 12th av intersect
Unopened to SE 16th av
1605△Tucker Ralph J
Rocine Bertha C Mrs osteo
SE 17th av, SE 18th av intersect
1803△Macaulay Haldon E
1809△McCoy Winnifred A Mrs ◎
1816△Balley Ward B
1817△Vanderhoof C R Mrs
1823 Huntsberger J Wm
1831△Barden Gertrude M Mrs
1833 Radke Larry A
1835 Kiger Emma Mrs
1837 Elia Gus N
SE 19th av intersects
1904△Swanson Geo
Moon Lillie M Mrs
1918 Viggers Wm ◎
1921 Vacant
1922 Leong Jack
1926 Henderson Geo R ◎

TP	Adjoining	Source
-	✓	R.L. Polk Co., Inc.

YAMHILL SE 1940

YAMHILL, SE—Contd
Atlas Apartments—Contd
Wendell Douglas R
White Oscar
SE 7th av intersects
721 Mantle Lamp Co of America Inc
SE 8th av, SE 9th av intersect Unopened to SE 12th av
1222 Harbour Leslie U
1223 Williams Edw
1225 Anderson Archie D
Bearman Eliz M
Bronson Harold
Lofton Frances
Plumley Wm L
Smith Paul I
1227 Bequeaith M E Mrs ◎
1235 **Sauvie Apartments**
Jordan Naum P mgr
Arnold Mildred
Diel Raymond W
Harris Ray Mrs
Kammer Jack
Kendall Geo
McPherson Lena Mrs
Mohr Sigmer T
Myers Vern
Newell Helen
Sessions Theodoria M Mrs
Westenfelder Margt
1236 Maney J Francis
SE 13th av intersects
1311 Vacant
1318 Wright Erroll G ◎
1325 Birkett Opal E Mrs
Hartley David
SE 14th av intersects
2020 Winkelman Ernest F ◎ tlr
2026 Vacant
2031 Mann Stanley W
2039 Gigger Geo
2045 Baker Jas P
SE 21st av intersects
2101 Sandrock Adolph F ◎
2104 Mayo Della Mrs
2106 Read John H ◎
2107 Dewey Jas
Parren Clarence
2112 Vollstedt Cleo Mrs
2115 Roberts Ben F
Park Danl S
2116 Boyer Harry R
2124 Hoover Anna G Mrs
2125 Laanti Aug ◎
2131 Tonsing Arth F
2134 Willimont Leonard G ◎
2137 Tonsing Theo G ◎
2147 Stimpson Arth J ◎
SE 22d av intersects
2203 Ross Marion D Mrs
2213 Dow Hattie E Mrs ◎
2220 Meier Rose K Mrs ◎
SE 23d av intersects
2305 Bewley Rollins A
2322 Withrox Aggie Mrs
2323 Branstator Geo W
2328 Brebner Geo
2331 Fancher Lucius B ◎
2332 Caramanica P F Mrs ◎
Kropp Eug V
2338 Wilson Bertha J Mrs
2339 Warnick John M ◎
Pierce Minnie B
Mobley Bella Mrs
2343 DuBruille Emma M Mrs
2345 Sather E D ◎ chiropractor
2348 Duryea Chester B ◎
2353 Kerr Wm A ◎
2406 Kipp Lora M Mrs
Garoutte Galen
Hesse Edwin G
2414 Johnson Raymond O
2422 Hunt Robt C
2424 Allen Thos J jr
2425 Smith Jos C
2428 Vacant
2429 Apex Asbestos Table Pad Co mfrs
Appleget Richd B
2435 Vacant
2445 Kiggins Frank
Bell Audrey M
2451 McCumsey Fred L
SE 25th av intersects
2502 Bradshaw Geo T
2503 Schaffarzick Nola Mrs
2508 Mayer Clifford P
2509 Hodgkinson Robt W ◎
2516 Brasted Geo A
2517 Westlin Gustav ◎
2524 Burdin Ella R Mrs ◎
SE 26th av intersects
2621 Moser Fred jr
2622 Kiser Jos J ◎
2634 Walston Earl L ◎
SE 27th av intersects
2703 Williams John J
2706 Farrer Franklin W ◎
2707 Faulkner Raymond L
2713 VanDee John H
2727 Herring Regger E
2731 Toyra Axel J
Taylor Alice R Mrs
Penwell Esther
Siita Peter
SE 28th av intersects
2805 Miller Chester A ◎
2806 Faris Geo B
Lane Frone Mrs
2813 Johnston Thos C
2814 Summers Bruce W ◎
2823 Faris John N ◎
2824 Pier Stanhope S ◎
2832 Kautz Anna V Mrs ◎
2835 Gruber Anna L Mrs ◎
SE 29th av intersects
2904 Kurtzenacker Mattie C Mrs
Nourse Paul
2912 Vacant
2914 Dunning Mary E Mrs
2917 Berg Arne O
2921 Vincent Robt
2926 Wolff Carl ◎
2927 Palmer Mossie M
2934 Klaumann Gustav
2935 Overton Mae L Mrs
2942 Douglass Arth F ◎
2949 **Glenwood Apartments**
Quatermas Norris W mgr
Cline Harriet E
Combs Del
Embrey Harold R
Equals Earl
Fisher Otis
Forbes Vera I
Goodwin W E
Hardy Wilford W
Jacobson Ruth Mrs
Jorgensen Hans C
Maycock John E
Moore Euphemia Mrs
Nelson Hazel C
Peterson Dorothy A
Siebens Harold
Spamer Ernest F
Summerville Lee M
Wicklund Carl J
Williams R Fred
2950 Makita Jensaku
SE 30th av intersects
3004 Hill Lloyd A ◎
3009 Meier Marvin W ◎
3010 Brown Susan Mrs ◎
3015 Long Johnny B ◎
3020 Montgomery Robt W ◎
3021 O'Brien Lester E ◎
3027 Vacant
SE 31st av intersects
3101 Hogg Fredk W
Churchman Harold M
3122 Discasey Chas K ◎
3130 Emery Paris
3136 Ritz Cath F Mrs
3137 Beatty Matthew E ◎
3142 Gerspach Flora C Mrs ◎
SE 32d av intersects
3200 Smith Blanche
3206 Simon Wm G
3210 Lady Floyd C
3214 Wilson Lindsay
3222 Collins Percy J ◎
3223 Vacant
3231 Bowman Neil J
3235 Winzler Verne L
3236 Anderson Edwin ◎
Gabrilson Berta Mrs
3244 Berglund Edw L
Dickenson Richd J
SE 33d av intersects
3304 Schnurbusch Fred O ◎
3310 Vacant
3316 Laknes Sigval L
3322 Ventura Sam B ◎
3325 Peterson Jos L
3329 Krueger Henry O ◎
3330 Dalziel Wm A ◎
Bauer Albert J ins
3343 Tucker Ira D
3344 Hardin Ruby Mrs ◎
3354 Evans Thos I ◎
SE 34th av intersects
3413 Sunnyside Hall
3423 Vacant
3425 Denby Transfer Co
3445 Chilade Frank G ◎
3449 Vacant
SE 35th av intersects
3519 Day John E ◎
3520 Sunnyside Methodist Church
3534 Vacant
3535 Miller Harry O ◎
3536 Oman LaFel E
3549 Hunter Marie E Mrs ◎
SE 36th av intersects
3609 Bearden Elsa G Mrs ◎
3620 Jones Albert E
3624 McCully I Gilbert
3625 Rowe Maude T Mrs
3627 Carew John
3631 Stone Nels J S ◎
3634 Roulsten Chauncey A
3638 Vacant
3639 Kendall Jas H
3641 Polzin Robt J
3645 Greenfield Dorothy V Mrs
3649 Vacant
3651 Whitelaw John M
3652 MacKinnon John A
3655 Graham Donald E
SE 37th av intersects
3705 Vacant
3706 Benjamin Robt W ◎
3712 Whitcomb Adelbert C ◎
3717 Vacant
3723 Vacant
3728 Parks Fredk O ◎
3729 Oliphant Chas W
3735 Hall Geo A ◎
3746 Hollingsworth Jay A
Lyons Alice M Mrs
3749 Tate Homer H ◎
3754 Robedeau Harvey R real est
3755 Wing Lewis ◎
SE 38th av intersects
3806 Frazee Cassius F ◎
3812 Vacant
3815 Butler Bertram G
3822 Bundy Edgar J ◎
3825 McMann Robt L ◎
3828 May Edgar W ◎
3835 Clock Lula L Mrs
3836 Holmes Saml S ◎
3844 DeLashmutt Ward D
3847 Williams L Homer
3854 Laknes Howard J
3855 Hartford Wm M ◎
3862 Myers Jas L ◎
SE 39th av intersects
3906 Williams Richd J
3911 Jepsen Lloyd T
3912 Taylor Geo E

MORRISON ST SE 1935

700 Star Sales & Brokerage Co mfrs agts
717 **East Morrison Court Apartments**
Apartments:
1 King Thos G
2 Vacant
3 Haenny Gordon A
4 Cook Ruth
5 Talbott Joshua
6 Wheeler Fred A
7 Heckinger Arth F
8 Hart Francis A
9 Nees D S
10 Beach Ray
11 Rodeck Fred R
12 Swanson Frances
13 Hagen Marie
14 Oty Helen
15 Miller B A
16 Beatelyon Albert
17 Ross Stanley S
Street continued
719 Association of Commercial Truck Owners
Fox G M ins
Ganoe Jas H lawyer
Kneeland Millen F lawyer
723 Liggett & Myers Tobacco Co adv dept
727-29 Vacant
735 Hastorf H C Inc plmbrs
SE 8th av intersects
807 **Montgomery Apartments**
Apartments:
B Romel Ed
C Smith Lee
1 Sata Chas K
6 Shimoishmaru Rose
7 Gresham Cath Mrs
9 O'Connor Albert
10 Bartrow Elsie
11 Norstrom H
12 Vacant
14 Vance Harold
15 Lamay Andrew
17 Weir Geo
18 McKinley Ray
21 Bartram Jas
23 Nighton Sig
26 Vacant
27 Banard M F
28 Barnhart Robt
29 Tidd C W
30 North Edwin
31 Rodel Axel
34 Hamada T
36 Telman Van
37 Jacobs Sydney
38 Ashwell W E
39 Vacant
40 Foster John
41 Mathews Louis C
42-44 Vacant
43 Belt Mary Mrs
47 Norling Morris
48 Mendenhall Jos
49 Knox Leon
Street continued
808 Grand Central Public Market
Bakke Geo J meats
Bio Chemic Health Food Shop
Casanova Mary V Mrs produce
Blind Made Products broom mfrs
Candiota & Rinelli Co fruits
Candiota & Son
Central Lunch
Coffee Mug The restr
Cooper Theadra C drugs
Donivan Harry T cigars
Dutch Maid Grill restr
Ghilardi Guy produce
Glessner Chas E watchmkr
Grand Central Fruit Co
Grand Fish Co
Grisanti Jos produce
H & M Grocery
Higgenbothem T B florist
Hutchinson Stella Mrs fruits
Jack's Eat Shop
Liberty Fruit Market
Manos Jas A shoe shiner
Mantia Gus produce
Miller Frank produce
Mission Gardens produce
Kappel's Old Holland Bakery
Old Holland Creamery
Parkrose Gardens produce
Peterson Eric S hdw
Pickle Depot gro
Piha Saml H fruits
Roseway Dairy
Russell Ashley H
Salazer John J confr
Salta Frank produce
Shimoishimaru Mitsue Mrs produce
Steidle Bros Grocery
VanGorder C C delicatessen
Veronica Santa produce
Vielmetti Herman M meats
Ward Hester beauty shop
Wood Harry E beer and wines
Yoshimura Takeyo Mrs produce
SE 9th av intersects
932 Hoover & Smith auto loans
940 Springbrook Dairy
SE 10th av, SE 11th av intersect
1120 Bradley's Pies Inc whol
SE 12th av intersects
1216 StDavid's Parish House
1225 Ollor Virginia
1230 **Rex Arms Apartments**
Apartments:
2A Porria Stieben H
2B McConnell Doris L
3A Temple J H
3B Vacant
4A Kenton Will G
4B LeFebvre Geo W
5A Cauble Nora Mrs
5B Jordan LaVerne Mrs
100 Fleming Kenneth W
101 Blanchard Asa W
102 Stansfield Wm
103 Grant Gertrude Mrs
104 Smith Robt
201 Mulkey W J
202 Nubbe Alma E
203 Hoffman Fred L
204 Taylor Chas
205 Jiroch Mary
206 Cupples Fred W
207 Brockley Fred
208 Misner Agnes M Mrs
209 Penland Evelyn E
210 McCarty Paul R
211 Vacant
212 Stephany Alva
301 Stearns Cath L Mrs
302 Space Maude M Mrs
303 Vacant
304 Gilbert Sybil H
305 Mattson Reina R
306 Vacant
307 Ford Gregory R
308 Vacant
309 Keys Jas J
310 Warnock Robt L
311 Amato Nixie Mrs
312 Domke L J
401 James Wm D
402 Johnson Edw H
403 Robbins S Louise
404 Hogstrom John
405 Thorp Chas
406 Litherland Sterling H
407 Baum Betty Mrs
408 Douglas Jas E
409 Tellert Jack J
410 Vacant
411 Marsden Walter M
412 Vacant
501 Olsen Olaf
502 Ruhe Emil
503 Walton Darrel A
504 Mikelson Saml
505 Anderson Roy G
506 McMillen Clyde
507 Ramsey Martin J
508 LeBlond Nathan J
509 Wilson Wm J
510 Gilkey Wm D
511 Vacant
512 Cornelius Wm H
Street continued
1237 Bell Geo W
1245 Swiggum Knute E
1247 Petersen Chas W
SE 13th av intersects
1300 Rex Arms Pharmacy
1301 Andrews Robt ◎
1303 Rife Sarah E
1305 Brownlee Paul V
1307 Waldon John
1308 Vacant
1315 Raulin Lena Mrs
1317 Penney Jos H ◎
1321 Tietjen Fred
1322 Long Anna K Mrs ◎
1327 Melton Andrew B
Melton Ethel G Mrs beauty shop
Hall C Harry
Olson Victor E
1328 Christensen Alfd
1335 Schulz John C ◎
Morgan C Robt
1336 Rowan Arline D Mrs ◎
1339 Schulz John C ◎ shoe repr
SE 14th av intersects
1400 Red Lantern beer parlor
1408 Piggly Wiggly gro and meats
1412 Variety Bakery
1416 Remington Barber Shop
1427 Presto Cleaners
Williams Irvin
1428 Kruse Melvin R
1434 Sodden Barnhart E
SE 15th av intersects
1504 Levi Louis S
1505 McCreery Margt Mrs
1507 Allen Lawrence R
1511 Vacant
1513 Smith Clara W Mrs ◎
1517 Vacant
1519 Gleason Earl F
1520 Vacant
1523 Gleason Earl F drugs
1525 Vacant
1533-37 Kienow Danl H gro meats and baker
1534 Peterson Eunice M Mrs
NE 16th av intersects
1604 Reid Geo R ◎
Kittner Margt D Mrs
1610 Anderson Arnold C
Confer Bertha Mrs
Gillespie Mary A Mrs
1617 Stratton Rex W
1618 Disney Elias ◎
Wall Iva Mrs
1625 Graham Angus A ◎
1630 Chisman Glenn E
Sweet Arth
Milbrandt W N
Kearney Paul J
1636 Wagner Rose W Mrs
McCann Mertis A Mrs
Lewis Lois M Mrs
SE 17th av intersects
1705 Foster Anna O Mrs
1725 Otto Max ◎
Erickson Ernest E
Powell Wm B
Dreher Sadey Mrs
1733 Jones H Lewis meats
1735 Mason Wm G
Elston Calvin C
VanBergen John E
Ballard John
McGrew Alma L Mrs
Hamilton Noble A
1737 Johnson Christ A gro
SE 18th av intersects
1802 Vacant
1807 Johnson Christ A
1808 Vacant
1811 Vacant
1812 Clessler Alice C Mrs
1814 Edwards Chas
1815-17 Vacant
1816 Renkert Ralph W
1818 Walker Thos H
1822 Vanderhoof Caroline Mrs
1823 Exley Caroline Mrs ◎
1825 Trine Merle W
Danielson Doris Mrs
1828 Dillree Frank D
1835 Dussin Theo ◎
1836 Reed Ross
SE 19th av intersects
1905 Oliphant Chas W
1907 Frazier Frieda Mrs
1910 Clancy Geo
1912 Locell Clara M
1914 Vacant
1917 Dietrich Wm H
Elia Carl E
Langmack Margt Mrs
1918 Hansen Henry G
1921 Robson Anna Mrs
1922 Hyde Andrew T
1924 Worthington Roy E
1926 Hungerford Irven L
1928 Ferrante Andrew F
1931 Mauler Leonard C barber
1933 Pelz Helen L beauty shop
1934 Allen Floyd M plmbr
1935 Andrews Velva Mrs
1936 **Apartments**
1 Henderson Ralph W
2 Vacant
4 Morgan Tod R
5 Burgard John D
6 Goss David E
7 Morgan Jess L
8 Alsip Wm
Street continued
1937 Troutwine John H
1939 Harold's Grocery
1940 Piccadilly Inn beer parlor
SE 20th av intersects
2046 Honeycut Harry L
2052 Vacant
2104 Vacant
2216 Coon Mary J Mrs

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-	✓	R.L. Polk Co., Inc.

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5723 Scholz Jos T ◎
5731 Johns Nettie Mrs ◎
NE Jessup, NE Jarrett intersect
5820 Leek Geo W
5834 Blair Nellie Mrs ◎
5842 Egans Anna L Mrs ◎
5853 Underwood Nettie M Mrs ◎
5900 Phelps Norval E
5903 Edwards J Frank ◎
5910 Hager Stewart
5918 Topp Chas W ◎
5919 Hanson Elmer H ◎
5930 Hecker Chas J
5931 Lacey Harry A ◎
NE Ainsworth intersects
6024 McRoy Geo W ◎
6025 Putnam Albert R ◎
6032 Miller Cornelius C
6107 Stensland Iver N ◎
6112 McGraw Carl
6130 Britton Earl A
6205 Battell Ivan B ◎
6217 Thoman Herman
6220 Vacant
NE Holman intersects
6324 Smith Henry L ◎
6333 Carlson Vernard
6336 Livesay Virgil W
NE Highland intersects
6401 Woodlawn Methodist Episcopal Church
6404 Burris Lloyd A ◎
6414 Kramer Walter
6415 McIlvenna Robt Rev
6422 Corvallis Jas ◎
6431 Riopelle Wm ◎
NE Portland blvd intersects
NE Durham intersects
Unopened to NE Madrona
7010 Crawford Morris P ◎
7018 Vacant
7028 Causey Cal F ◎
7033 Mulkey Lester V
7114 Frichtl Wm P ◎
Heitzman Harold
7115 Edmonds C Mark ◎
7122 Campbell Dallas C
7127 Johnston Roy C
NE Buffalo intersects
7206 Moritz Adolph X
7216 Wyers Jas F
7236 Cover Claude W
NE Holland intersects

10TH AV, NW—Fr 1001 W Burnside n
4 Montclair Hotel
8 Vacant
14 Thorsen's Auto Park
NW Couch intersects
100 Armory Ford Service auto reprs
109 Armory The
Armory Board of Control
Armory Canteen The restr
Officers Club
Oregon National guard
112 Coulter Frank auto parking
118 Roces Leon H
122 Warrens Holt W auto repr
138 Burns W E—Dan Burns Inc auto parts
NW Davis intersects
205 Associated Oil Co ethyl clinic
206 Walker L A Electric Wks
215 Vacant
221 Morris J Leslie Co bearings mfrs
222 Ahlberg Bearing Co
224 Vacant
225 Abe's Lunch restr
226 Erickson Glass Co
227 Hobbs Battery Co
229 Lelin Sales Co whol elec supps
230 Otis Elevator Co
235 Farnham & Riley Inc auto reprs
NW Everett intersects
301 Western Radio Service Inc
Specialty Auto Equipment Co glaziers
308 Mosar Rudolph
312 Japanese Buddhist Church
Yamada M
315 Alemite Co of the Northwest auto parts
327 Ballou & Wright auto accessories
330 Vacant
NW Flanders intersects
404 Cronin Co The whol auto parts
414 Vacant
416 Bird Chas R plmbr
430 Ogilvie Floyd D gas sta
NW Glisan intersects
509 Vacant
525 Electrical Distributing Inc elec equip
539 Graham Frank E restr
NW Hoyt intersects
600 Patterson Jos restr
608 New Western Hotel
616 Yut Seid W
618 Gustafson Gus barber
630 Rapid Transfer & Storage Co Inc
Goldblatt Morris salvage
National Automatic Sprinkler Co
Signode Steel Serapping Co
Diesel Equipment Service mfrs agts
International Forwarding Co
Becker Fredk E Co mfrs agts
West Coast Tackle Co mfrs
Banner Package Service frt forwarding
NW Irving intersects
716 Smart's Auto Freight Co Inc
Bean Truck Line Inc
NW Johnson intersects
NW Lovejoy intersects

10TH AV, SE—Fr 1001 E Burnside s
6 East Burnside Garage
9 King Vera L Mrs
11 Breault Archie E
12 Tretheway Geo
SE Ankeny intersects
115-27 Vacant
135 Farrell Chas J
SE Sandy blvd, SE Ash, SE Pine and SE Oak intersect
404 Bame Jacob E
406 Wilson Irvin
410 Gulbranson B M
412 James Emma ◎
415 White Geo N ◎
418 Bruner Rosa L Mrs
420 James Chas M ◎
423 Bode Victor P ◎
426 Jenkins Benj F
SE Stark intersects
508 Moys Viola Mrs
Johnson Chas R
516 Tenrikyo Portland Church
Shirota T Rev
523 Blanc Julia E
529 StClaire M Quay
533 Plocher Fred
539 Toth Steve
SE Washington intersects
614 Bailey Pauline Mrs ◎
615 Martin Albert
625 Baker Harry G
632 Harris Larry A
SE Alder intersects
705 Lommel Anton
715 Giese Wm H
Watson Jeff
723 Miehe Ernest
735 George Sophia
SE Morrison intersects
800 Yale Union Laundry
SE Belmont intersects
921 Market Club restr billiards and bowling
927 Pioneer Fruit Distributors whol
935 West Coast Fruit Co
H & K Produce Co
SE Yamhill, SE Taylor intersect
1127 Oregon Brass Works
SE Salmon, SE Main and SE Madison intersect
1417 Vacant
SE Hawthorne blvd intersects
1513 Beroud Louis E
1514 Western Golf Course Supply Co
1517 Hurley Ada Mrs
1528 Ikerd Mary Mrs ◎
1532 McGinley Frank J
1534 Jenner Lynn A
1536 Phillips Howard J
1538 Oldham Guy C
SE Clay intersects
1616 Chapman Harry L
1628 LaMar Harold R
SE Market intersects
1701 Troyer Rufus
1711 Bake-Rite Bakeries Inc
1722 Adams Eliza A Mrs
1736 Taylor Nora M ◎
SE Mill intersects
1812 Duvall Elmer W
1830 Jenner Allan
1835 Kerr Conserving Co mfrs preserves etc
SE Stephens intersects
1912 Vacant
1917 Vacant
1921 Silcher Herman C ◎
1924 Ferretti Gaetano ◎
1937 Tucker John W
SE Harrison intersects
2000 Mei Frank
Bachman Kenneth
2004 Nickachios Tom
2010 Pucci Frank
2012 Heston Benj
Tompkins Eug C
2025 Cox Clara C Mrs ◎
2026 Rinella Jos ◎
2034 Binning Ernest E
Smith Wm A
2035 Johnson Tom ◎
SE Lincoln intersects
2126 Jenkins A Rodney
2129 **Granten Apartments**
Apartments:
1 Beyer Frank W
2 Johnson Albert T
3 Makinster Lester E
4 McKinster Lottie I
5 Vacant
6 Anderson Ralph
7 Durell Merrill H
8 Young Claude H
9 Krutsinger Frank G B
10 Matthews Arth R
11 Lovell Ollie R
12 Vacant
Street continued
2140 Hester W J Co whse
SE Grant intersects
2204 Tilletson Chas R
2205 House of Prayer
2212 Vacant
2216 Bocci Cesare ◎
2217 Fowler Roht B
2222 Homer Frank J
2225 Claflin Ernest
2226 Homer Jos F ◎
2231 Richter Max E
SE Sherman intersects
2304 Dinicola Jean ◎
2305 Shields Herbert C
2313 Wolff Emil ◎
2319 Sammler Matilda Mrs ◎
2323 Dick John A ◎
2326 Barrett John B ◎ locksmith
2332 Schellenburg Wm F ◎
SE Caruthers intersects
2405 Giandomenico Jos ◎
2413 Tatman Frank E
2430 Foster Wilbur ◎
2434 Weigel Tresa Mrs ◎
2441 Paci Silvio ◎
2449 Vacant
2451 Likes Ralph R
SE Division intersects
Unopened to SE Woodward
2912 Williams Isaac
2922 Geske Florence J Mrs
SE Powell blvd intersects
SE Brooklyn intersects
3018 Roskoski Anton
3036 Gobler Herman W ◎
3044 Menig Henry J
3100 Holloway Hazel Mrs ◎

TP	Adjoining	Source
-	✓	R.L. Polk Co., Inc.

11TH AVE SE 1935

11TH AV, SE—Contd
615 **Apartments**—Contd
6 Sawyer Harry
8 Vacant
9 Campbell Clifford
10 Condit Ida Mrs
Street continued
622 Schook Roy
623 Zimmerman Louis W
630 Shriver Martha A Mrs
631 Loughrey Clyde
634 Freeman Josie M Mrs ◎
SE Alder intersects
711 **Meicliffe Court Apartments**
Apartments:
A Simoneau Marie
B McCoy Clarence
1 Ziegler Ward W
2 Murner Harold J
3 Taylor Frank A
4 Bendure Zella
5 Wheeler B
6 Henderson Jas I
7 Turner Frank A
21 Kester Mabel J Mrs
22 Mitchell J D
23 Graham Rose Mrs
24 Wolf Fritz
25 Pendroy Eleanor
26 Wolf Margy Mrs
27 Killeen Wm M
31 Moser Simon H
32 Moody Kate
33 Kappel Jos J
34 Vacant
35 McGrath M Eliz
36 Searing Lyle D
37 Russell Ashley H
41 Paterson Clara Mrs
42 Hyde Eileen
43 Storey Anna Mrs
44 Wicklund Richd F
45 Hanna Alice J Mrs
46 Meyer Ruth
47 Carey Jessie Mrs
101 Barry F A
102 Olson G Adolph
103 Jennings Sol S
104 Weller Alpha Mrs
105 Gresham Jos H
106 Snyder Maurice
201 Schmokel Willard C
202 Lawrence M D
203 Reeves Robt
204 Perry Irby R
205 Carnahan Kenneth
206 Ogsbury Ernest
301 Olson Earl A
302 Deitz Alex J
303 Berry Homer H
304 Oddy Louise Mrs
305 Carney Anna J
306 White Ira R
401 Moffitt Arth
402 Miller Curtis D
403 Manthie Cleone
404 Miles Eug
405 Vacant
406 Drege Arth J
SE Morrison intersects
817 Vacant
832 Bradley's Pies Inc rear entr
SE Belmont intersects
951 Gardners & Ranchers Assn
1010 Froskist Ice Cream Co
SE Taylor, SE Salmon, SE Main and SE Madison intersect
1420 Liberty Laundry Co
SE Hawthorne blvd intersects
1511 Sai's Cafe
1512 Vacant
1521 Ray Jess P
1536 Vacant
SE Clay intersects
1604 Swanson Jack T ◎
1605 Engelmann Louise
1607 Beckman Frank A
1612 Hing Lee
1615 Leonard Silas M ◎
1616 Frederick Adolph W
1617 Lyon Alice Mrs
1623 Nitschke & Andrae Inc plstr contrs
1635 Standard Blower & Pipe Co
SE Market intersects
1700 Barden Marjorie H
1704 Bennett Claire L
1710 Leslie Conde V
1713 Pike John L
1716 Renlund Einar
Prentiss Jos B
1717 Bice Jas M exp
1724 Gardner Henry ◎
1724 Bake-Rite Bakeries garage
1735 Kerzel Jos
SE Mill intersects
1800 Kikes Wm B ◎
1803 Standard Wm O ◎
1812 Schmidt Chas ◎
1816 Cooper Maurice
1817 Mills Edgar L ◎
Garrison Albert O
Heiberg Clayton W
Jacobsen Heinie S
1820 Hood Wm A
1821 Folkins Allen W
1831 Cronin Ella J
1832 Vacant
1835 Yager Henry J
SE Stephens intersects
1906-08 Vacant
1911 Oades Melissa E Mrs
Bogard Holly
Ruff Fannie E Mrs
O'Day Clarence
1917 McCarthy Fenton A
1918 Janzy Jas
1923 Vacant
1925 Perry Willis D cbtmkr
1927 Toby Wm
Smith Gladys Mrs
1931 Vacant
1932 Bogdanovich Andrew N ◎
1937 Hood River Apple House
SE Harrison intersects
2000 McMillen John P gro
2001 Gatto Tony shoe repr
2005 Vacant
2006 Bishop Jas A
2007 Parker Albert J
2008 Messineo Philip barber
2013 Hereford Alice A Mrs ◎
2014 Ingham Claude E ◎
2023 Howe Wm R
2026 Body Edw D
2029 Vacant
2032 Wright Richd H
2034 Southern Harry D
2035 Hair Nettie E Mrs ◎
2036 Hagerman Clifford C
2038 Bier Fred G
SE Lincoln intersects
2105 Pacific Fence & Wire Co
2112-18 Vacant
2115 Lehman N Gladys Mrs ◎
2123 Gogas Thos
2124 Poleo Jos
2126A McPoole Chas
2128 Moudy Chester
2131-33 Marion's Market & Grocery
2139 Vacant
SE Grant intersects
2201 Grannis L D Mrs ◎ gro
2204 Simar Frank R
Lehota Michl R
2213 Sharp Emaline Mrs
2214 Vacant
2215 Moore John R
2224 Hall Willa ◎
2234 Dreyer Saml
SE Sherman intersects
2306 Amato Salvatore ◎
2303 Healley John W
2311 West Margt B Mrs ◎
2312 Farrell Ray J
2317 Rayburn Fred W ◎
2321 Russell Arth C
2322 Arnett Henry C ◎
2328 Hinkle Howard G
2329 Jones Rolly ◎
2335 Eichman John ◎
2338 Williams Henry
SE Caruthers intersects
2405 Corno Jas V
2407 Olson Ernest
2408 Fazio Jos ◎
2415-25 Vacant
2418 Dooney Jas E ◎
2428 Sampietro Corrado ◎
2434 Wood Anna V Mrs ◎
2442 White Elmo S ◎ lawyer
2445 Vacant
2453 Muckle Wrecking Co
SE Division intersects
2505 Ford Motor Co
2520 Consolidated Convoy Co auto hauling contrs
SP Ry tracks, SE Clinton, SE Brooklyn, SE Powell blvd intersect
3013 Krauss Martin Fringe Co uphol trimmings
3027 Schmitt Geo A
3101 Seney Earl F
3109 Rose Marion W ◎
3115 Beaumont LeRoy ◎
3201 **Apartments**
1 Collins Wade M
2 Poorman Walter B
Street continued
3205 Jones E May ◎
3209-13 **Apartments**
1 Skelly Corbett J
2 Vacant
3 Jern Milton
4 Olgar Raymond S
5 Ege Harry W
6 Vacant
7 Stewart Geo
8 McNeil Mildred Mrs
SE Franklin intersects
3323 Wilson Wm P ◎
3324 Honstein Edw W ◎
3333 Dusschee Jas T ◎
Carlson Roy W
Wright Robt A
3345 Cook Robt C
SE Haig intersects
3423 Haines Edw
Peirce Stanley
3424 Christen Paul P ◎
3433 Brown Jos
3447 Vacant
SE McLaughlin intersects
3505 Schneibel Walter
3513 Olson Bertha M Mrs ◎
3516 Doig Wm ◎
3531 Sanborn Colby ◎
3537 Havely Edith L Mrs ◎
3605 Bybee Ellen Mrs ◎
3606 Tyler Frank J ◎
3613 Hahn Chester C ◎
3614 Knowles Jessie G Mrs ◎
3622 Sawdust Supply Co
Greer Chester S ◎
SE Rhone intersects
3705 George John W ◎
3714 Pippy Theresa K Mrs ◎
3722 Wendler Ewald R
3723 Salerno Frank ◎
3737 Migliore Jos ◎
3746 Dorney Mary E Mrs ◎
Read Thos E
3765 Nicolai Peter
3780-82 Vacant
3783 Bechtold Chas ◎
3786 Goetten Wm H ◎
SE Bush intersects
3803 Immel Geo ◎
3810 Sisters of the Sacred Heart
3815 Kraft John
3822 Sacred Heart School
3910 Robl Gregory Rev
3915 Minor Jas E
3921 Gilroy Mary L Mrs ◎
3926 Church of the Sacred Heart
SE Center intersects
4009 Flaherty Bartley ◎
4014 Lair Chas J ◎
4023 Powers Glen O ◎
4024 Stark Frank J ◎
4103 Dyer Geo W ◎
4108 Dasho Geo T ◎
4117 Buckler Geo H
4118 Martini Fred J ◎
4123 Vacant
4124 Thorpe Edwin R ◎
SE Boise intersects
4206 Feltz Emil E
4207 Riehl Simon
4212 Tuhey Patk A ◎
4215 Pedersen Edw ◎
McFadden Gilbert C
4226 Flaherty Harley B ◎
4235 Petrusich John
4236 Charais Frank H ◎
SE Cora intersects
4321 Vacant
SE Mall intersects
Unopened to SE Sellwood blvd
7533 Mariman Aime L
SE Flavel, SE Rex intersect
7630 Whitlock Russell T ◎
7631 Parrish Sara M Mrs ◎
SE Malden intersects
7705 Simpson Wm F ◎
SE Lambert intersects
7824 Hosse Carrie A Mrs ◎
7836 Priest Wm F
SE Bidwell intersects
7855 Culver Herbert L ◎
7865 Shipley John J ◎
7872 Dyer Edw M
7873 McDougald Harris E
7879 Pelkey Jos J ◎
SE Lexington intersects
SE Miller intersects
7970 Forbes Jessie I Mrs
7971 Ramesbotham Willard ◎
Wiggs Christian M
SE Nehalem intersects
8015 Conklin Elmer H
8017 Beverly Elleme
SE Spokane intersects
8057 Reinke Josephine Mrs ◎
8072 Sellwood Baptist Church
SE Tacoma intersects
8111 Murbe Anna N Mrs
7114 Osborne Hubert
8125 Vacant
8133 Stephens Chas I
8134 Barker Tunis D
SE Tenino intersects
8205 Stricker Christian F ◎
8215 Hutchings Bern D
SE Umatilla intersects
8324 Skopec Jos
8325 Kryger Chas J ◎
8334 Fisher Steph T ◎
8335 Mundt Gust O
SE Harney intersects

TP	Adjoining	Source
-	✓	R.L. Polk Co., Inc.

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3343 Leppert Lena Mrs ◎
3346 Cartwright F Sylvester
3403 DuSair Paul ◎
3406 Bernstein Sol
3416 Munhoven John ◎
3417 Beadling Walter C
3426 Holmes Ami J ◎
3427 Newman Jos
3433 Grant Alice E Mrs
NE Fremont intersects
3506 Burbach Harold
3507 Neal Peter ◎
3512 Schnell Henry
3523 Miller Henry ◎
3532 Stevens Jacob ◎
3533 Miller John ◎
3606 Glanz Nick ◎
3607 Weitzel Henry ◎
3612 Walker Peter ◎
3613 Vacant
3622 Scheideman John
3623 Hegel Henry
NE Beech intersects
3717 Lamar Eug A
3718 Klaus John ◎
3727 Miller Matthew ◎
3728 Schmick Mary Mrs
3736 Albert Margt Mrs ◎
3803 Kaiser Henry E
3806 Krieger Nicholas ◎
3816 Schreiber Peter
3817 Schilling Margt Mrs ◎
3828 Axt Henry
NE Failing intersects
3911 Sauer Geo ◎
3912 Schwan Jack
3914 Corbin Jas M
3916 Martinson Geo
3926 Stang Eliz ◎
3927 Phillips Minnie M ◎
Ramsey Jefferson D
3931 Ertman Anna Mrs
3932 Urbach John ◎
3942 Terry Ralph ◎
3958 Glanz Geo
3966 Walker John ◎
3967 Redlinger Alvin F
NE Shaver intersects
4005 Block Henry Rev ◎
4006 Trebelhorn Mary Mrs ◎
4015 Glanz Henry ◎
4016 Evans Jennie ◎
4025 Helzer Margt Mrs ◎
4026 Young Edw E ◎
4035 Blume Henry
4036 Grosmick John ◎
4046 Melcher Gustaf
4047 Helzer John H
4055 Schwan Jacob ◎
4056 Borgardt Fred
4064 Weber Ernest ◎
4067 Hayward Chas ◎
4072 Jensen Hannah M Mrs ◎
4077 Petersen Peter N ◎ gro
NE Mason intersects
4105 Bartholomew Olga J Mrs
4127 Morasch Conrad ◎
4134 Betich Peter L ◎
4137 Vacant
4205 Nelson Arth ◎
4215 Brock Asa L
NE Skidmore intersects
4315 Schnell John ◎
4316 Gustafson Gust F
4324 Melcher Henry ◎
4325 Johnson Lloyd L ◎
4407 Vacant
4418 Campau Wm R ◎
NE Prescott intersects
4537 Watnee Andrew C ◎
NE Going intersects
4618 Sundberg Lizzie Mrs
4705 Lehl Geo ◎
4706 Norene John ◎
4714 Berg Peter R ◎
4724 Huddleston Myrtle M Mrs
4725 Blatner John
NE Wygant intersects
4808 McCauley Danl
4814 Goodman Dick I
4815 Nelson Herman I ◎
4822 Eisenschmidt Oscar ◎
4823 Harris Wm C ◎
4833 McIntosh Geo D ◎
4842 Engle Harry E
4848 Silvey Perry L ◎
4857 Lammert Wm Rev
4900 Leistiko Fred W
4902 Vacant
4905 Murray Patk J ◎
4906 Vacant
4911 Schneider Andrew D ◎
4912 Wegner Louis H ◎
4919 Rasmussen Hans P ◎
4920 Anderson Andrew
4927 Anderson Virgil A
4928 Gram Cecil B
4934 Hansen Christian P
4935 Burntrager Helen Mrs
4942 Adams Ida A ◎
NE Alberta intersects
5016 Holt Mary W Mrs
5028 Findling Wm
5034 Clark Geo ◎
5035 Carroll Bryan
5041 Frison Balsar ◎
5044 Burton Floyd A ◎
5048 New Geo F ◎
NE Webster intersects
5109 Benedict Grace S Mrs ◎
5121 Brown Alan E
5129 Nelson Chas R ◎
NE Sumner intersects
Unopened to NE Emerson
5304 Baldock Alice Mrs ◎
Truman Austin E
5310 Yowell Brook A ◎
5311 Singleton Alvis M ◎
5321 Carlson Hugo J ◎
5322 Orr Lunday L ◎
5403 Meek John F
5404 Kregness Andrew G ◎
NE Killingsworth intersects
5504 Walter Ralph L ◎
5515 Jesmer Ray R
5525 Cruse Chas E ◎
5526 Siemann Wm F ◎
NE Church intersects
5604 Nielsen Vernet
5614 Davenport Lewis H
5615 Gardner A H
5617 Anderson Oscar E
5623 Pettit Cecil L ◎
5624 McLaughlin Robt W ◎
5634 Ehrlin Edw F ◎
5635 Rice Robt N
5704 McKinney Frank B ◎
5712 Somerville Chas F ◎
5724 Chase Chester W ◎
5732 Bolen Clara M ◎
NE Jarrett intersects
5804 Clark Thos M
5805 Pearson Rudolph C ◎
5814 Haskins Frank B
5815 Hansen Richd E ◎
5824 Gilmore Pearl Mrs
5825 Zawaske Ben
5835 Petterson Wilbur T ◎
5845 Olson Louis
5852 Smith Jas F
5901 Sorber Mary R Mrs ◎
5910 Joy Louis E ◎
5913 Ellery Clarence N
5919 Railton Edw J
5933 Trindall Harold J ◎
NE Ainsworth intersects
6023 Vacant
6026 Roberts Robt H ◎
6112 Gentry Thos M ◎
6113 Johnson Chas ◎
6125 Johnston Wm H
6135 Dilley Luther L L ◎
6204 Martien Bertha A Mrs ◎
6215 Miller Fred
6216 Hough Bernard G ◎
6225 Smith Everett D
6226 Farran Lloyd P
6235 Fiddaman Lester R
6243 Engle Otis ◎
6244 Gerwig John L ◎
NE Holman intersects
6305 Lee John
6322 Kriens June E Mrs
6337 Smith Peter J ◎
NE Durham intersects
Unopened to NE Oneonta
7011 McKinney Wm B ◎
7021 Patterson Cordelia Mrs
7029 Martin Sinclair H
7030 Tanabe Tosack ◎
7037 Woolery Arling J
7045 Moline John W
7103-07 Vacant
7121 Enfield Edw M ◎
NE Buffalo intersects
7200 Woodlawn School
7253 Denkert Herman A ◎
NE Holland, NE Stafford intersect
7426 Habernicht Wm ◎
Russell John G
NE Lombard intersects
7506 Winter Edwin A ◎
7526 Balzarini Mabel Mrs
NE Russett intersects
7603 Molinari Dominik ◎
7615 Vacant
7624 Gagne Eudore ◎
7634 Duff Ambrose ◎
NE Baldwin intersects
NE Columbia blvd intersects

11TH AV, NW—Fr 1101 W Burnside n
9 Oppel Chas M jr auto pntr
15 Mayer Arth L auto repr
34 Gansneder & Johnson auto reprs
NW Couch intersects
111 Atkinson School Women's Vocational Sch
NW Davis intersects
210 Elk Transfer & Storage Co
231 Bankhead & Walter Inc auto reprs
NW Everett intersects
308 Wagner Electric Corp auto reprs
315 Columbia Top & Body Co
334 Wilson Sporting Goods Co whol
NW Flanders intersects
403 Auto Wheel Service auto repr
415 Jobbers Supply Co pole line constr
418 Gerber G G The Radiator Man Inc
NW Glisan intersects
527 Cronin Co The show rooms
528 Conant C V auto garage
537 Willamette Valley Transfer Co auto frt
NW Hoyt intersects
NW Johnson intersects
nw cor Spokane Portland & Seattle Ry commissary dept

11TH AV, SE—Fr 1101 E Burnside s
15 Curtis Publishing Co
17 VanDuyn Chocolate Shops Inc
NE Ankeny intersects
NE Sandy blvd intersects
116 Woody Lacey E
120 Marnich Danl
123 Stone Eliz Mrs
125 Jordan Theresa L ◎
126 Hirata Selichi ◎
138 Burman Margt M Mrs
SE Ash intersects
208 Pomeroy Julian E ◎
211 Troy Laundry side entr
212 Vacant
216 Chute J Less
SE Pine intersects
305 Kaiser Geo H ◎
311 Bilinski Stanley ◎
319 Frahler Fred
323 Jorgensen Chas A
330 Orth Henry Rev
335 Blair Roy C
SE Oak intersects
421 Borich Nick
422 McLaren Frank A
SE Stark intersects
514 Vacant
518 Everest Maggie J ◎
523 Tillman Walter P dentist
524 Klindt's Studio photo fnshrs
Klindt Arth F ◎
534 Baldwin Mark
SE Washington intersects
603 Zollner Geo
604 Imai Suiyoshi
608 Olson Victoria L ◎
614 Cox Norris M
615 **Apartments**
1 Stargaggai Jack
2 Vacant
3 Marks Saml
4 Dilly Julia Mrs
5 McCall Frances Mrs

TP	Adjoining	Source
-	✓	R.L. Polk Co., Inc.

11TH AVE SE 1935

11TH AV, SE—Contd
615 Apartments—Contd
6 Sawyer Harry
8 Vacant
9 Campbell Clifford
10 Condit Ida Mrs
Street continued
622 Schook Roy
623 Zimmerman Louis W
630 Shriver Martha A Mrs
631 Loughrey Clyde
634 Freeman Josie M Mrs ◎
SE Alder intersects
711 Meicliffe Court Apartments
Apartments:
A Simoneau Marie
B McCoy Clarence
1 Ziegler Ward W
2 Murner Harold J
3 Taylor Frank A
4 Bendure Zella
5 Wheeler B
6 Henderson Jas I
7 Turner Frank A
21 Kester Mabel J Mrs
22 Mitchell J D
23 Graham Rose Mrs
24 Wolf Fritz
25 Pendroy Eleanor
26 Wolf Margy Mrs
27 Killeen Wm M
31 Moser Simon H
32 Moody Kate
33 Kappel Jos J
34 Vacant
35 McGrath M Eliz
36 Searing Lyle D
37 Russell Ashley H
41 Paterson Clara Mrs
42 Hyde Eileen
43 Storey Anna Mrs
44 Wicklund Richd F
45 Hanna Alice J Mrs
46 Meyer Ruth
47 Carey Jessie Mrs
101 Barry F A
102 Olson G Adolph
103 Jennings Sol S
104 Weller Alpha Mrs
105 Gresham Jos H
106 Snyder Maurice
201 Schmokel Willard C
202 Lawrence M D
203 Reeves Robt
204 Perry Irby R
205 Carnahan Kenneth
206 Ogsbury Ernest
301 Olson Earl A
302 Deitz Alex J
303 Berry Homer H
304 Oddy Louise Mrs
305 Carney Anna J
306 White Ira R
401 Moffitt Arth
402 Miller Curtis D
403 Manthie Cleone
404 Miles Eug
405 Vacant
406 Drege Arth J
SE Morrison intersects
817 Vacant
832 Bradley's Pies Inc rear entr
SE Belmont intersects
951 Gardners & Ranchers Assn
1010 Froskist Ice Cream Co
SE Taylor, SE Salmon, SE Main and SE Madison intersect
1420 Liberty Laundry Co
SE Hawthorne blvd intersects
1511 Sai's Cafe
1512 Vacant
1521 Ray Jess P
1536 Vacant
SE Clay intersects
1604 Swanson Jack T ◎
1605 Engelmann Louise
1607 Beckman Frank A
1612 Hing Lee
1615 Leonard Silas M ◎
1616 Frederick Adolph W
1617 Lyon Alice Mrs
1623 Nitschke & Andrae Inc plstr contrs
1635 Standard Blower & Pipe Co
SE Market intersects
1700 Barden Marjorie H
1704 Bennett Claire L
1710 Leslie Conde V
1713 Pike John L
1716 Renlund Einar
Prentiss Jos B
1717 Bice Jas M exp
1724 Gardner Henry ◎
1724 Bake-Rite Bakeries garage
1735 Kerzel Jos
SE Mill intersects
1800 Kikes Wm B ◎
1803 Standard Wm O ◎
1812 Schmidt Chas ◎
1816 Cooper Maurice
1817 Mills Edgar L ◎
Garrison Albert O
Heiberg Clayton W
Jacobsen Heinie S
1820 Hood Wm A
1821 Folkins Allen W
1831 Cronin Ella J
1832 Vacant
1835 Yager Henry J
SE Stephens intersects
1906-08 Vacant
1911 Oades Melissa E Mrs
Bogard Holly
Ruff Fannie E Mrs
O'Day Clarence
1917 McCarthy Fenton A
1918 Janzy Jas
1923 Vacant
1925 Perry Willis D cbtmkr
1927 Toby Wm
Smith Gladys Mrs
1931 Vacant
1932 Bogdanovich Andrew N ◎
1937 Hood River Apple House
SE Harrison intersects
2000 McMillen John P gro
2001 Gatto Tony shoe repr
2005 Vacant
2006 Bishop Jas A
2007 Parker Albert J
2008 Messineo Philip barber
2013 Hereford Alice A Mrs ◎
2014 Ingham Claude E ◎
2023 Howe Wm R
2026 Body Edw D
2029 Vacant
2032 Wright Richd H
2034 Southern Harry D
2035 Hair Nettie E Mrs ◎
2036 Hagerman Clifford C
2038 Bier Fred G
SE Lincoln intersects
2105 Pacific Fence & Wire Co
2112-18 Vacant
2115 Lehman N Gladys Mrs ◎
2123 Gogas Thos
2124 Poleo Jos
2126A McPoole Chas
2128 Moudy Chester
2131-33 Marion's Market & Grocery
2139 Vacant
SE Grant intersects
2201 Grannis L D Mrs ◎ gro
2204 Simar Frank R
Lehota Michl R
2213 Sharp Emaline Mrs
2214 Vacant
2215 Moore John R
2224 Hall Willa ◎
2234 Dreyer Saml
SE Sherman intersects
2306 Amato Salvatore ◎
2303 Healley John W
2311 West Margt B Mrs ◎
2312 Farrell Ray J
2317 Rayburn Fred W ◎
2321 Russell Arth C
2322 Arnett Henry C ◎
2328 Hinkle Howard G
2329 Jones Rolly ◎
2335 Eichman John ◎
2338 Williams Henry
SE Caruthers intersects
2405 Corno Jas V
2407 Olson Ernest
2408 Fazio Jos ◎
2415-25 Vacant
2418 Dooney Jas E ◎
2428 Sampietro Corrado ◎
2434 Wood Anna V Mrs ◎
2442 White Elmo S ◎ lawyer
2445 Vacant
2453 Muckle Wrecking Co
SE Division intersects
2505 Ford Motor Co
2520 Consolidated Convoy Co auto hauling contrs
SP Ry tracks, SE Clinton, SE Brooklyn, SE Powell blvd intersect
3013 Krauss Martin Fringe Co uphol trimmings
3027 Schmitt Geo A
3101 Seney Earl F
3109 Rose Marion W ◎
3115 Beaumont LeRoy ◎
3201 Apartments
1 Collins Wade M
2 Poorman Walter B
Street continued
3205 Jones E May ◎
3209-13 Apartments
1 Skelly Corbett J
2 Vacant
3 Jern Milton
4 Olgar Raymond S
5 Ege Harry W
6 Vacant
7 Stewart Geo
8 McNeil Mildred Mrs
SE Franklin intersects
3323 Wilson Wm P ◎
3324 Honstein Edw W ◎
3333 Dusschee Jas T ◎
Carlson Roy W
Wright Robt A
3345 Cook Robt C
SE Haig intersects
3423 Haines Edw
Peirce Stanley
3424 Christen Paul P ◎
3433 Brown Jos
3447 Vacant
SE McLaughlin intersects
3505 Schneibel Walter
3513 Olson Bertha M Mrs ◎
3516 Doig Wm ◎
3531 Sanborn Colby ◎
3537 Havely Edith L Mrs ◎
3605 Bybee Ellen Mrs ◎
3606 Tyler Frank J ◎
3613 Hahn Chester C ◎
3614 Knowles Jessie G Mrs ◎
3622 Sawdust Supply Co
Greer Chester S ◎
SE Rhone intersects
3705 George John W ◎
3714 Pippy Theresa K Mrs ◎
3722 Wendler Ewald R
3723 Salerno Frank ◎
3737 Migliore Jos ◎
3746 Dorney Mary E Mrs ◎
Read Thos E
3765 Nicolai Peter
3780-82 Vacant
3783 Bechtold Chas ◎
3786 Goetten Wm H ◎
SE Bush intersects
3803 Immel Geo ◎
3810 Sisters of the Sacred Heart
3815 Kraft John
3822 Sacred Heart School
3910 Robl Gregory Rev
3915 Minor Jas E
3921 Gilroy Mary L Mrs ◎
3926 Church of the Sacred Heart
SE Center intersects
4009 Flaherty Bartley ◎
4014 Lair Chas J ◎
4023 Powers Glen O ◎
4024 Stark Frank J ◎
4103 Dyer Geo W ◎
4108 Dasho Geo T ◎
4117 Buckler Geo H
4118 Martini Fred J ◎
4123 Vacant
4124 Thorpe Edwin R ◎
SE Boise intersects
4206 Feltz Emil E
4207 Riehl Simon
4212 Tuhey Patk A ◎
4215 Pedersen Edw ◎
McFadden Gilbert C
4226 Flaherty Harley B ◎
4235 Petrusich John
4236 Charais Frank H ◎
SE Cora intersects
4321 Vacant
SE Mall intersects
Unopened to SE Sellwood blvd
7533 Mariman Aime L
SE Flavel, SE Rex intersect
7630 Whitlock Russell T ◎
7631 Parrish Sara M Mrs ◎
SE Malden intersects
7705 Simpson Wm F ◎
SE Lambert intersects
7824 Hosse Carrie A Mrs ◎
7836 Priest Wm F
SE Bidwell intersects
7855 Culver Herbert L ◎
7865 Shipley John J ◎
7872 Dyer Edw M
7873 McDougald Harris E
7879 Pelkey Jos J ◎
SE Lexington intersects
SE Miller intersects
7970 Forbes Jessie I Mrs
7971 Ramesbotham Willard ◎
Wiggs Christian M
SE Nehalem intersects
8015 Conklin Elmer H
8017 Beverly Elleme
SE Spokane intersects
8057 Reinke Josephine Mrs ◎
8072 Sellwood Baptist Church
SE Tacoma intersects
8111 Murbe Anna N Mrs
7114 Osborne Hubert
8125 Vacant
8133 Stephens Chas I
8134 Barker Tunis D
SE Tenino intersects
8205 Stricker Christian F ◎
8215 Hutchings Bern D
SE Umatilla intersects
8324 Skopec Jos
8325 Kryger Chas J ◎
8334 Fisher Steph T ◎
8335 Mundt Gust O
SE Harney intersects

12TH AVE SE 1935

211 Clark Rose S Mrs
Schouten Ray W
Williamson Arth J
212 Lockwood Rose Mrs
213 Great Western Coffee Co Inc
218 Brown Chas L
220 Day Elmer G
225 Andrews Lucille Mrs
Smith Wm J
Kirby Lee
Coffman Kelly
228 Vacant
229 Wenholz Geo
SE Pine intersects
sw cor StFrancis Catholic Church
SE Oak intersects
400 Ralewitz Louis gro
410 Ralewitz Louis
416 Smith Frank J
417 Smith Ira L
418 Vacant
SE Stark intersects
503 **Todd Apartments**
Apartments:
A Erghen Fred
B Mays Junius
C Dale Ralph
1 Curtis Bessie M Mrs
2 Denman Myrtle R Mrs beauty shop
3 Blake Bertha Mrs
4 Robertson Frank J
5 Curtis Jessie M
6 Kronenberg Opal Mrs
7 Sumner Roy
8 Burns Bruce B
9 Fross Lottie Mrs
10 King Helen Mrs
11 Markinson Florine Mrs
12 Hansen Fred J
14 Hess Roy
15 Ohlsen Fred
16 Barnes Thos A
Street continued
513 Shaw Estella M
525 Eadus Ralph
535 **Apartments**
A Colahan Ethel Mrs
B Heminger Thos
1 Nixon Wm H
2 Brown Lloyd
3 Pelt Rachel Mrs
4 Foster Wm
SE Washington intersects
603 Burt Ella W Mrs ◎
611 Elliott Frances Mrs
617 Gwynn Jas D ◎
623 Collins Lewis H ◎
635 Billings Stewart G
637 Hamlin Orville C
SE Alder intersects
704 **Mary Stuart Apartments**
Apartments:
1 McFaul Mary E Mrs ◎
2 Duffy Edw M
3 McFaul Geo A
4 Vacant
Street continued
707 Washburn Franklyn F
717 Herren W Melville ◎
723 Anderson Herman V
728 Josephi Simeon E ◎ phys
SE Morrison intersects
804 Robinson Gust L gas sta
807 McPhee Wm
817 Brown Chas K ◎
821 Taylor Lillian Mrs
823 Allen David
830 StDavid's Episcopal Church
SE Belmont intersects
914 Stamps Jas M
924 Norgard Kris J
932 Tice Linton E
943 Beech Steph
SE Yamhill intersects
1007 Thompson Reginald ◎
1015 Doyle Andrew J
1016 Bailey Harry
1024 McGrath Howard J
1025 Chamberlain John S
1028 Jordan Naum P gro
1032 Thompson Paul
1035 **Mission Rose Apartments**
Apartments:
1 Erickson John L
2 Panser Cath
3 Johnson David
4 Lilly Omer E
5 Larsen Harry C
6 Noack Walter
7 Burbott Mary Mrs
8 Goss Marvin
9 Cooper Tillie
10 Lambert Max
11 Wheeler John P
12 McDonald John E
13 Brandt Geo W
14 Duncan Carlos D
15 Hoffman Mabel Mrs
16 Palmer R Edw
17 Parrott Ray E
18 Hibbs Margt T Mrs
19 Parsons Wilmer E
20 Nickum Pearl
21 Paul Clarence
Street continued
1036 Bollinger Wilford
SE Taylor intersects
1106 Portland Gospel Tabernacle Assembly of God
1114 **Apartments:**
1 Harris Virginia
2 Farley Walter
3 Vacant
4 Vandehey Francis
5 Lewis Wilbur C
Street continued
1121 Goodrich Edith Mrs
SE Salmon, SE Main intersect
1313 Dairy Co-Operative Assn
1340 Taystee Grill restr
SE Madison intersects
1420 Roberti & Rizzuti auto reprs
SE Hawthorne blvd intersects
SE Clay blvd intersects
1603 Vacant
1605 Lewis Ed L
1607 Baker Frank
1609 Daly Phyllis Mrs
1617 Vacant
1621 Krieger Geo R
1629-35 Vacant
1638 **Mulberry Apartments**
Apartments:
2 Friberg Wm
101 Vacant
102 Parsons Frank L
103 Price Floyd
104 McClellan Alex C
105 Jacobsen Fritz P
106 Hembree Marie E Mrs
107 Knox G T
108 McGrew Richd J
109 Colvin Lee R
110 Vacant
111 Sweeney Anna L Mrs
112 Clem Albert L
113 Crocker Irving S
201 Vacant
202 Cawley Harry W
203 Pauli Cora A
204 Grissom Goldie
205 Drury Erma B
206 Vacant
207 Graves Edna Mrs
208 Wendell Hobart D
209 Young Frieda
210 Vacant
211 Hansen Frances M
212 Stenger Franklin B
213 Gold Louis
Street continued
1639 Ararat Cleaners & Dyers
SE Mulberry av intersects
SE Market intersects
1711 **Apartments**
A Thompson Cecil
B-C Vacant
D Dunn Harry
Street continued
1717 Krise Jos
1719 Flaegel Herman L
1720 Locks Jacob gro
1723 Baker John C
1725 Lovelace Bayard L
1729 Alford Alvie C
1730-34 Vacant
1738 Stewart Pharmacy
1742 Miller Fred R plmbr
1748 Duffield Wm F ◎
SE Mill intersects
1802-06 **Apartments**
Meindl Gerald J
1 Zimmerman Roy
2 Glickman Jos
3 Fetsch Mary A Mrs ◎
4 Allen Jack
5 Frahm J Julius
6 Brosius Emma Mrs
Street continud
1809-17 Vacant
1825 Progressive Psychic and Divine Healing
Mittlesteadt Carl A
1834 Block Henrietta Mrs ◎
1844 Chapman I May Mrs ◎
SE Stephens intersects
1902 Carver Lilah Mrs
1903 Gorham N Walter
1912 Stein Louise M Mrs
1915 Poy Long Mrs ◎
1918 Hill Chas M
1924 Dickman Geo C
1926 Mize Lewis M
SE Harrison intersects
2005 Moar Martha Mrs
2009 Vacant
2011 Andross Glenn
2014 **Bryson Apartments**
Apartments:
A Morse H A
B Vacant
201-02 Vacant
203 Ferguson J Jas
204 Lyons C L
205-06 Vacant
207 Weller W J jr
208 Bettner Eug F
301 Jackson Earl C
302 Walker Adolph H
303 Hyde Teddy W
304 Vacant
305 Yoakley Grace
306 Rayburn Harry R
307 Vacant
308 Burley Nettie A
Street continued
2019 Remer Frances Mrs
2021 Berven Emma Mrs ◎
2028 Duverney Saml
2038 Close Orrin S
2044 Svaigher Betty Mrs
2046 Duffield Don
SE Lincoln intersects
2102 **Virginia Lee Apartments**
Apartments:
1 Blair Jas
2 Martin Wm E
3 Laaman Helmi
4 Kilberg Jas
5 O'Connell P J
6 Wigle Loren
7 Sherman H J
8 Bruckner A S
9 Mills Jos
10 Davis Albert E
11 Vacant
12 Ward B E
Street continued
2110 Vacant
2115 LaChapelle Aug D
2120 Yazalino Dominick
2123 DeFrancisco Carl ◎ wood sawyer
2128 Evens Leslie H
2138 Oosterveer Allen C
2146 Long Edw H
2148 Yunker Henry ◎
SE Grant intersects
2203 Grannis Letitia D Mrs
2204 Mattison Esther C Mrs ◎
2212 Holland Albert ◎
2225 Mulligan Robt
2237 Swift Julia J Mrs
SE Sherman intersects
SE Spruce av intersects
2303 Turtorice Tony
2314 Geisler D E ◎ cigar mfr
2315 Doyle Belle Mrs
2323 McNeil Anna Mrs
2328 Wicke Marguerite M ◎
2333 Siebens Frank
SE Caruthers intersects
2407 Salvi Salvo ◎
2417 Duffy Thos
2421 Drake Martha ◎
2424 White Bert auto repr
2431 Vacant
2436 Martin Hubert W gas sta
2443 Carlson Magnus ◎
Rank Ada C Mrs
SE Elliott, SE Division intersect
2512 Vacant
2518 Hiller Winifred Mrs
2522 Farwell Chas C
2524 Reese Chas E
2526 Christensen Ethel Mrs
2527 Vacant
2528 Bradley Clayton
2529 Hanset Co The cleaning equip mfrs
Hanset Bros broom mfrs
2529 Moffitt Milling Co feed
2534 Henrikson Albert K ◎
SE Ivon intersects
2606 Cameron Kate M Mrs ◎
2616 Kipp Martha F Mrs ◎
2622 Just Oscar T Rev
2634 StPaul's Lutheran Church
2637 Masons Supply Co bldg mtls
SE Clinton, SP Ry tracks, SE Gideon and SE Milwaukie av intersect
Unopened to SE Powell blvd
3101 Harris Ralphard
3105 Vacant
3107 Benson Alice Mrs ◎
3114 Wandel Martha A Mrs ◎
3122 Vacant
3130 Willis Paul L
3131 Munn Jos
SE Kelly intersects
3212 DellaSelva Paul ◎
3219 Erickson Erick A
3226 Cornell Frank M ◎
3231 Bennett Bessie Mrs ◎
3232-36 Vacant

13TH AVE SE 1935

225 Everard Edw M
226 Banfield Alice M ◎
239 Tschanz Godfrey F ◎
SE Pine intersects
315 Gutzeit Paul F ◎
316 East Side Rug Co mfrs
Feifer Geo ◎
324 Rosenstrom Mary Mrs
325 Wheeler Chas A ◎
Hall Carl F
SE Oak intersects
419 W H S Chocolate Shop
SE Stark intersects
Unopened to SE Morrison
812 Oregonian Agency
822 Vacant
823 Rex Arms Grocery
SE Belmont intersects
900 Smith Leslie F
904 Long Phyllis
915 Wilson Jas O
916 Ogle Jessie Mrs
923 **Apartments**
1 Schlothan Henry
2 Gregory Cecil S
3 Poore R F
4 Gottschalk Verona Mrs
5 Gage E Mrs
6 Vixler Jack H
Street continued
924 Harris Paul
938 Warren H S P
SE Yamhill intersects
1013 Korn Israel I ◎
1016 Vacant
1030 Rains Lawrence
1032 Rondhuis Mary I Mrs ◎
1034 Roy Lou A Mrs
1036 Laughlin Clarence C
SE Taylor intersects
1106 **Claire Apartments**
Apartments:
1 Henderson Harriet
2 Childs Jas H
9 Ryan Chas N
10 Vacant
12 Wilson Geo E
14 Walsh Theo
15 Guthrie Laura Mrs
16 Herdman Eva
20 Benton Paul
21 Bushman Desmon
22 West F
24 Marchbank Robt
25 Hughes Myles
26 Russell Ellis
30 Vacant
31 Wilkes Raymond A
32 Vacant
34 Cummins Geo
35 Peterson Harry B
36 Vacant
SE Salmon intersects
1223 Vecogni Louis
SE Main intersects
1303 Pfister Katie Ms ◎
1315 **Apartments**
A Christiansen Albert T
B Vacant
C Berry Lulu M Mrs
D Johnston Walter P
E Beers John J
SE Madison intersects
SE Hawthorne blvd intersects
Unopened to SE Division
2508 DeTemple John ◎
2513 Meo John
2514 Stumpas Gus
2518 DeTemple Henry C
2519 Baccellieri Frank
2524 Peterson Anton
2525 Chinn John A ◎
2534 Macinaw Christina Mrs
2537 Arditi Guy
SE Ivon intersects
2605 Franke Richd ◎
2615 Matteucci Pasquale
SE Clinton intersects
Unopened to SE Powell blvd
3205 Black Percy K ◎
3215 Anderson John M ◎
3216 Streimer John P
3223 LaFrieniere Lillie F Mrs ◎
Griffith Geo
3226 McClure Lilla A Mrs ◎
Stickel John
3234 Brown Thos D
3237 Frasceschini Vilglio ◎
SE Beacon intersects
3304 Lopiparo Geo
3305 Guisti Lorenzo ◎
3316 Fassio Edw I ◎
3325 Smith Donald
SE Pershing interests
3352 Minard Merwin
3353 Leonard Spencer ◎
3356 Lindenthal Paul
3364 Lopinaro Geo
3367 Busher Lillian M Mrs
3372 Smith Claude O
SE Haig intersects
3405 Reisz Michl ◎
3411 Splawn Lena H Mrs ◎
3417 Fletcher Geo ◎
3423 Welch Horace H pntr
3424 Marton Anna M Mrs ◎
3434 Tropfenbaum Frank C ◎
SE McLaughlin intersects
3502 Aaram John ◎
Pedersen Othelia Mrs
3505 Huie Saml ◎
3518 Dickerson Jos ◎
3523 Vacant
3524 Holliday Geo H ◎
SE Lafayette intersects
3601 Classic A E Mrs ◎ drsmkr
3604 Bellarts Henry J ◎
3611 Verdon Anna B Mrs ◎
3614 Dahlgren J Theo ◎
3622 Vacant
3624 Corell Wm R ◎
3625 Buson Jos ◎
3628 Stitzinger John G ◎
3640 Walsh Margt Mrs
SE Rhone intersects
3704 Schieve Adolf ◎
3705 Nelson Gertrude M Mrs ◎
3706 Mahoney Cecil
3716 Donkers Grover A ◎
3723 Osbourn H S hauling contr
3734 VanLoo Ellen T Mrs ◎
Jackson Jos
SE Bush intersects
3803 Dahlgren Carl C
3804 VanLoo Jos A ◎
3838 Knudson Ludwig ◎ pntr
3924 Costanzo Pete S ◎
3932 Lusk Harvey B
SE Center intersects
Unopened to SE Long
4710 VanHouten Ella E Mrs ◎
4718 Hartsook Lemuel P
4734 Bosomworth Ralph J
Unopened to SE Martins
6106 Jacin John
6129 Quimby Buzz C
6138 Myers Jay W ◎
6139 Michelet Chas J ◎
SE Carlton intersects
6209 Pipes John M
Flegel Austin F
SE Henry intersects
6309 Hilen Gustav E ◎
SE Bybee blvd intersects
7018 Shaffer Clifford L ◎
7060 Bostwick Harvey G
SE Rural intersects
7104 Diercks M Hayden
7126 Clayson Emma F ◎
7138 Goodrich Leslie D ◎
7152 Troost Neal H ◎
7214 Black Harry W
7230 Waldele F A ◎ bldg contr
SE Knapp intersects
7306 Taber Asel J
7315 Shaw Eliz E Mrs
7316 Giltner John R ◎
7406 Paul Frank I
7409 Conwell Verne F
7414 Keeney Harry G ◎
7419 Harris Lena Mrs ◎
SE Flavel intersects
7504 Howe Ralph M ◎
7509 Stewart Walter F ◎
7514 Linder Anton H ◎
7519 Blantz Clement H ◎
7536 Falsetto Guy G ◎
7536 Goeser Wm T ◎ real est
Thomas Francis
7539 Thompson Chas M ◎
Birkemier K L bldg contr
7604 Gardner Maurice L
7614 Vandergriff Wm D ◎
7624 Schiele Martin ◎
7629 Hays Edw F
7634 Sellwood Wm H ◎
7637 Barber Bruce D
SE Malden intersects
7704 Shearer Hugh J ◎
7715-21 Weatherhead Thos
wool clnr
7725 Colby Fred H barber
7727-41 Vacant
7730 Trentin Cipriano tlr
7732-38 Vacant
7742 Gardner Maurice L gro
SE Lambert intersects
7805 Robinson John L ◎
7814 Eurich Augusta Mrs ◎
7815 Robertson Donald S ◎
7826 Sunshine Grocery
Myers John H
7828 Wolf A Irene Mrs
7834 Gay Goose Restaurant
7836 Barbara Beauty Shop
Johnson Lloyd O
VanVactor Wm
SE Bidwell intersects
7850 Morrow John J chiropractor
7858 Morrow John J ◎
7881-85 Wall Frank H hdw
7884 Sellwood Motor Service
auto reprs
SE Lexington intersects
7900 Suitatorium The clo prsrs
7901 Sellwood Grocery
7904 Crane Mary E Mrs
7907 City View Market meats
7908 Vacant
7911 Kerr Lilly B ◎
7912 Beymer Geo E ◎
7919 Farley Thos A confr
7923 Schooner Villa The confr
7924 Ditto Lafay M ◎
7926 Ditto Lafay M plmbr
7927 Wollos E Sam shoe repr
7928 Edith's Beauty Shop
7937 Broeren Wm ◎
SE Miller intersects
7952-60 Vacant
7953 Hohenshelt Fred W uphol
7957-61 Vacant
7965 Cumpston Elmer E real est
7969 Vacant
7970 Sandean Wm S
7984 Roberts Geo M ◎ phys
7987 Caldwell Jas W gro
SE Nehalem intersects
8002 Lehman John W dentist
Hughes Maude Mrs
8003 Vacant
8011 Cochran Minnie A Mrs
8012 Bartholomew Forrest W
8015 Wiebe Otto H barber
8017 Gasparre Michl shoe repr
8018 Bartholomew Forrest W
optometrist
8020 Houghtling Harry H barber
8021 Brill J C Co dept store
8024-28 Vacant
8032 Sellwood Cleaners
8033 Safeway Stores Inc gro
8036 Larson Wm
8039 Leipzig Peter A confr
SE Spokane intersects
8050 Sellwood Theatre
8051 Sellwood Pharmacy
Koch Chemical Co chemists
8055 **Spokane Building**
Smith Frank H dentist
Stearns Roy S phys
Marsh Fred E
8057 Piggly Wiggly gro
8061 Rust Wm C men's furngs
8065 Vacant
8067 Turtorice Tony prod
8071 Huff Harry M real est
8077 Hays Hans F jwlr
8081 Sellwood Electric & Hardware Co
8083 **Bank of Sellwood Building**
Garber Bruce D dentist
Page Harry M phys
Sellwood John J phys
Long Louis T
Timm Elmer
8085 Bank of Sellwood
General Insurance Agency
(fire)
8088 Vacant
SE Tacoma intersects
8104 Shaw Chas Furniture Co
8105 Standard Stations Inc
8114 Vacant
8116 Moore Wm C barber
8118-24 Vacant
8127 Sellwood Market & Gro
8128 Sellwood Bee The
newspaper
8130 I O O F City View Lodge
No 201
City View Rebekah Lodge
No 179
8131 MacNeill Chester A
Currie John H
Clifford Harold W
Allen Alice B Mrs
8132 Smith Cozy Club restr
8133-37 Vacant
8138 Groff Clayton W hdw
SE Tenino intersects
8203 Sellwood Sweet Shop
8207 Sellwood Station P O
8209 **Apartments**
1 Geertz Eliza Mrs
2 Lowe Forrest A dentist
3-4 Noble Wm F
5-6 Wolford Walter D
Street continued
8210 P F D Engine Co No 20
8215 Vacant
8222 Vacant
8223 Hepp Danl variety store
8227 Vacant
8230-38 Vacant
8231 Croat Nicholas F barber
8233 Black Cat Sandwich Shop
8239 Vacant
SE Umatilla intersects
8302 Beaver Pharmacy
8308 Vacant

TP	Adjoining	Source
-	✓	R.L. Polk Co., Inc.

9TH AVE SE 1935

9TH AV, NW—Contd
Graphic Arts Bldg—Contd
304 Expert Mailing Co letter shop
305 Acme Art Engraving Co
306 Steinhauer Harold X-Ray lab
Street continued
110 Hollywood Rooms
112 Bohlman & Son plmbrs
115 NePage-McKenny Co elec contrs
118 Lucas Frank P
124 Sam Yee
125-33 Vacant
132-38 Vacant
137 Zlatich Robt gro
NW Davis intersects
205 Vacant
211 Ninth Avenue Cafe
215-23 Vacant
233 Automotive Service Co auto reprs
238 Longshoremen's Hiring Hall
NW Everett intersects
301 Coffee Pot Cafe
Marine Card Room
305 Vacant
321 Benz Spring Co
338 James Kerns & Abbott Co printers
NW Flanders intersects
403 Campbell Co Inc auto accessories
410 Wong Joe
416 George Arth
417 Fouch Electric Mfg Co
420 Colored American Club
422 Law Fred N
426 Vacant
NW Glisan, NW Hoyt, NW Irving and NW Lovejoy intersect
1140 Union Pacific Dining Car & Hotel Dept Commissary

9TH AV, SE—Fr 901 E Burnside s
14 Apartments
A Derighish Leo A ⊙
B Dugan Edna Mrs
C Berger Harry
D Moore Martha L Mrs
E Thorn Jas O
F Vacant
G Lowenthal Alex
H Woodin Gertrude Mrs
Street continued
15-21 Vacant
20 Brown H Ross shoe repr
32 Brigham Anna R ⊙
SE Ankeny intersects
103 Roberts Fred J osteo
105 Kadderly Albert A
107 Vacant
109 Southworth Mary Mrs
116 Vacant
117 Hartness Adelbert T
118 Dernbach Jos W
122 Hayes Josephine Mrs ⊙
123 Vacant
126 Rothwell Lee R
131 Lindsey Grace E Mrs
134 Dunbar Jas S ⊙
135 Pritchard Minnie B Mrs
SE Ash intersects
208 O'Connell Mina M Mrs
215 Centenary-Wilbur Methodist Episcopal Church
SE Sandy blvd, SE Pine and SE Oak intersect
404 Hamlin Matilda Mrs
411 Blessing Mamie Mrs
412 Hamlin Matilda M Mrs
418 Smith Eliz M Mrs ⊙
419 Wilson G P
422 Eggleston Addie M Mrs ⊙
432 King Frank W
433 Altstock Herman J
SE Stark intersects
504 Vacant
510 Rhoades Gilbert V
511 Manuel John
521 Meyer Henry F
525 Stowe Hyrum B
526 Kadderly J J Hdw Co whse
SE Washington, SE Alder, SE Morrison and SE Belmont intersect
905 Boone Anna Mrs
907 Lanpheir Emma M Mrs
909 Adams Marie M Mrs
938 Pierce L H Auto Service
SE Yamhil intersects
1002 Vacant
SE Taylor intersects
1108 Holt V L & Co machy mfrs
Thayer G H Engineering Co
SE Salmon, SE Main intersect
1323 Sound Wrecking Co bldg wreckers
SE Madison intersects
1430 McDonald & Wetle sheet mtl wks
SE Hawthorne blvd intersects
1510 Red Men Hall
Improved Order of Red Men
Willamette Tribe No 6
Wahkeena Council No 29
Clan Macleay No 122
North Italia Grove No 4
American Order Sons of St George Portland Lodge No 585
Loyal Orange Ladies Association Rose of Sharon Lodge No 3
Past Sachems Assn
Oneonta Tribe No 2
Liberty Bell Circle No 239
Daughters of Scotia White Heather Lodge No 93
Canadian Legion
Canadian Legion Auxiliary
1513 NuWay National Laundry
1522 Weiss Anna Mrs ⊙
SE Clay intersects
1611 Western Fence & Wire Wks
1616 Lee David
1617 Mantell Rosena Mrs ⊙
1622 Lovegreen John F
1623 Soller Edw W
1625 Zachary Betty McKinnis Ellsworth
1627 Hodges Chas
1628 Vacant
SE Market intersects
1700 Boun Gusto Cafe
1704 Sebastian Harry ⊙
1708 Stewart Robt
1714 Keep Wm A
1720 Vetsch John
1726-32 Vacant
1733 First Free Methodist Church
1738 Ewing Gertrude I Mrs
SE Mill intersects
1821 Anderson Lillian Mrs
SE Stephens intersects
1902 Cerri Peter
Grove Carlton R
1912 Bertolucci Gilbert
1915 Harris Michl ⊙
1930 Harrison Street Stables contrs
McCarthy Jas W
SE Harrison intersects
2005 Taylor Mollie Mrs
2013 McMillan Chas
2014 Pacific Coast Broom Co
2017 Shultz Minnie Mrs
2025 Wright Frank C
2026 Vannani Albert A
2032 Teglia Valente
2035 Sale Harriet B Mrs ⊙
2037 Morrow Elvin V
SE Lincoln intersects
2116 Muckle Wrecking Co
2122 Canfield Harold D
2124-26 Vacant
2127 Yeazel Danl E ⊙
2128 Muckle Jas A
2131 Ewing Francis C
2136 Vacant
2139 Beeson Chas E
SE Grant intersects
2205 Mumper Fredk E
2214 Willey Bert J
2217 Gruber Louis
2218 Bostwick Lyle
rear Strand Albert G
2223 Vacant
2224 Mendenhall Elbert J ⊙
2227 Gruber Louis W
2235 Jenkins Harold L
2236 Morehead Bert
SE Sherman intersects
2314 Sovlinsky Jacob G ⊙
2317 Smith Alfd C
2328 Conner Addie I Mrs ⊙
2329 Willis Fred C
2337 Kuetemeyer Julia J Mrs
SE Caruthers intersects
2410 Sacchini Frank
2416 Vacant
2422 Bocci Joe ⊙
SPRy tracks, SE Division and SE Taggart intersect
2808 Teeple L R Co heating appliance mfrs
2817 Kistler Jos H ⊙
2819 Vacant
SE Woodward intersects
SE Powell blvd intersects
3006 Moore Minnie M Mrs ⊙
3007 Ruttner John L
3013 Leadbetter Emma B Mrs
3014 Kennedy Jefferson B ⊙
3019 Heitkemper Geo H
3025 Westerman Rose
3035 Fieger John
3043 Davis Myrtle Mrs
3044 Robertson Margt M Mrs ⊙
3114 Raymond Maria L Mrs
3115 Wells Frances J Mrs ⊙
3122 Schopf Geo E ⊙
3123 Raymond Leo ⊙
3131 Lande Peter E ⊙
3132 Meyer Geo ⊙
3205 Saccomanno Jos ⊙
3212 Vacant
3213 Simone Savino
3214 Woodard Harry E
3224 Saunders Hulda A Mrs ⊙
3229 Panattoni Lawrence D ⊙
SE Franklin intersects
3318 Sanders Archie L
3324 Henderson Oscar C ⊙
3330 Cassidy Frank ⊙
3333 Johnson Mortine Mrs ⊙
3343 Raab Andrew
3358 Newman Chas M ⊙
3376 Lesch Louise E Mrs ⊙
3380 Wachsmuth Louis C ⊙
3395 Willis Eug ⊙
SE McLaughlin intersects
3405 Burke Eliz Mrs
3406 Berardinelli Gaetano ⊙
3415 Terry Alex
3416 Goetten Max W ⊙
3428 Clarke Nora F Mrs
3433 Oatfield Ernest M ⊙
3441 Whitlock Raymond R
3449 Bruch Aloysius J ⊙
3506 Stremich John J ⊙
3511 Fulkerson Saml S ⊙
3512 McNamara Mortimer L ⊙
Clark Nora F Mrs
Dunlap Rodney T
Johnston Harold R
3520 Sauer Eliza Mrs
Kalla Albert
Webb Kenneth A
3525 Kachold Johanna M Mrs ⊙
3604 Jameson Laura E Mrs ⊙
3614 Holt Justice J ⊙
SE Rhone intersects
3623 Hoadley Geo W ⊙
3724 Funk Orin ⊙
3734 Sericko John ⊙
3735 Gimbol Antonio ⊙
3743 Schloth Dillane G
3748 Kropp Albert
3757 Meagher Jas F ⊙
3763 Doern Leopold J ⊙
3775 McClure Willard C
SE Bush intersects
3801 Hodapp Phillip J ⊙
3817 Reverman Frank J
3818 Seidl Frank J
3829 Dyer Carl H
3904 Reznick John A ⊙
3907 Ginter Wendel ⊙
3914 Anderle Carl ⊙
3924 Cook Ruhe E
SE Center intersects
4023 Talarico Alphonse ⊙
4030 Grano Peter A ⊙
4105 Larsen Jessie O

ALDER ST SE 1935

10th Floor Corbett Building

ALDER, SE—Contd
W O W Bldg—Contd
State of Oregon Motor Vehicle Operators and Chauffeurs License
Women of the Mooseheart No 297
Loyal Order of Moose Portland Lodge No 291
Associated Bible Students
Artisans Life Assn East Portland Assembly No 600
Roosevelt Lodge No 187 A F & A M
Rooseve t Chapter No 154 O E S
East Side Circle No 843 Neighbors of Woodcraft
Woodmen of the World Club
Multnomah Camp No 77 W O W
618 **Odd Fellows Building**
Orient Hall
Canadian Legion US Post No 17
Cambrian Social Society
Utopia Rebekah Lodge No 62
Orient Lodge No 17 I O O F
Portland Ecclesia
Omega Rebekah Lodge No 67
Phalena Temple No 17 Pythian Sisters
Acme Rebekah Lodge No 32
Golden Rule Encampment No 28
626 East Side Police Station Precinct No 1
Sunshine Division Portland Police Dept

SE 7th av intersects

719 Harmony Hall
Wangsmo Pete

SE 8th av intersects

801 Vacant
808-30 Knight Packing Co
829 Skolil Foundry

SE 9th av intersects

922 Vacant
924 Larson Chris F

SE 10th av intersects

1027 Vacant

SE 11th av intersects

1110 East Port and Branch Publib Library

SE 12th av intersects

1212 Roberts Phillip M
1218 Petterson Chris D
1224 Smith Cora B Mrs
1226 McFadden Saml S
1234 Herrington Robt C
1242 Nelson Roy B
1245 Washington High School Gymnasium
1300 Rouse Allen R
1306 Read Dottie P Mrs
1312 Keeney Byron

SE 14th av intersects

1403 Feltman Robt C
1409 Blana Aristides
1415 Renken John H
1422 Jordan Alice Mrs
1424 Ballou Warren J
1427 Thompson G Frank
1435 Templeis Gust A

SE 15th av intersects

1507 Adams Paul C ⊙
1516 Jordan Wm L
1518-24 Vacant
1535 Spencer Nell K Mrs
Berger Fred W
Moore Henry
Orchard Bird Mrs

SE 16th av intersects

1618 Hafner Dorothea Mrs ⊙
1626 Vacant

SE 17th av intersects

1714 Collin Henry W
1716 Ingerlund Ruth Mrs
1718 Sculace Frank
1720 Martin Robt L
1725 Vacant
1726 Parker Martha E Mrs ⊙
1728 Ennis Etta M Mrs
1736 **Apartments**
A-B Vacant
C Roberta Frank W
D Vacant

Street continued

1737 Pallett Chas W ⊙

SE 18th av intersects

1804 Busby Dorothea C Mrs
MacLean Wilfred M
1805 Nihart Alson H
1815 Murphy Jas D
Schaeffer Albert
1816 Carlson Jennie Mrs
1823 Abbott Cecil G
1826 Spain Jos H ⊙
1833 Coalman Elijah

SE 19th av intersects

1904 Catto Andrew C ⊙
1915 Keenan Martha B Mrs
1916 Eubanks Mary E ⊙
1924A Nyehart Lyle E
1925 **Apartments**
Schulz Gustav ⊙
1 Coleman Melvin F
2 Agelson Ray
3 Mendelhall Seth A
5 Gwynn Wm A

Street continued

1926 Paasche Wm
1936 Vacant

SE 20th av intersects
Unopened to SE 26th av

2622 Sears Nellie Mrs

SE 27th av, SE 28th av intersect

2824 Kerr Wm B

SE 29th av intersects

2905 Kuss Wm F
2909 Vacant
2911 Warner Elva D Mrs
2915 Beck Paul J
2924 McIntyre Adelbert ⊙
2931 Martin Rudolph
2934 **Alder Crest Apartments**
Apartments:
1 O'Connell Dennis
2 Chapman Marie R
3 Kleve Herbert
4 Kraus Harley W
5 Barger John F
6 Sinclair Eva
7 Hunter Ida J Mrs
8 Lytle Regiene
9 Waggoner Claud W
10 Jarrett Eliz M
11 Merrill John T
12 Dowd Lucille A
14 Oxford Bertie E Mrs
15 Wood Wm T
16 Maguire Frank L
17 Morrison Lottie Mrs
18 Knutson Pearl
19 Riach Geo G
20 Pritchard Clara L Mrs
21 Howton Jas M
22 Marsh Howard R

Street continued

2943 **Laurelwood Apartments**
Apartments:
1 MacPherson Jas
2 Miller Wm H
3 Sonnichsen Orie
4 LaBonte Lucy S
5 Ernsbarger Kath Mrs
6 Gunn John W
7 Greenan Jas L
8 Elliot John C
9 Fackenthall Wm B
10 Trouten Robt
11 Johnson Paul R
12 Machin Ernest jr
14 Batke Oscar
15 Wood Walter J
16 Horton Wm D
17 Spencer E A
18 Prindle Wm
19 Cole Margt D Mrs
20 Hansen Ruth E Mrs
21 Vacant
22 Cannon Christine E Mrs
23 Thorne John F
24 Watson Roy G

SE 30th av intersects

3005 Boyle Robt L ⊙
3006 Johnson Ida Mrs ⊙
3010 Gregg Harry O ⊙
3019 Mason Herman E
3027 Neumann Kurt J
3033 Cropper Wm E
3039 Wagner Edw W
3050 Crescent Laundry
3051 Baxter Jack K

SE 31st av intersects

3100 Vacant
3111 Brendler Louis ⊙
3114 Campbell Robt M
3118 Gorr Fred
3124 Miller Howard S
3126 Bell Bert K
3128 McLean Harry J
3129 Stone Percival A ⊙
3130 Gevrez Virginia B Mrs
3135 Wilburn Louise Mrs
3141 Vacant
3142 Haase Clyde C ⊙
3149 Lodwig John L

SE 32d av intersects

3203 Elliott Hugh ⊙
3209 Bishop Wm G
3215 Snyder Pearl Mrs
3224 Pritchard Thos J
3231 Blevins Wade H ⊙
3237 Runyan John L
3243 Pitts Jos R

SE 33d av intersects

3317 Rogers Jos L
3323 Coon Margt Mrs ⊙
3329 Vacant
3334 Sunny Briese Garage
3337 Allen Chester J ⊙

SE 34th av intersects

3422 Jacobs Walter E ⊙
3423 Vagenos Nicholas N
3435 Berglund Edw E
3440 National Metal Extraction Co
3443 Merry Earl A
3449 Vacant

SE 35th av intersects

3504 O'Neill Ethel B Mrs
3510 Lacey Saml M ⊙
3511 Meyers Chas J ⊙
3516 Jones Ella A Mrs ⊙
3517 Gleason Geo M
3525 Vacant
3528 Lester Jos W
3535 Smith Otis S
3536 Service Hetty Mrs
Sovich Martin
3545 Oldham John
3548 Morrison Walter V ⊙
3553 Jaren Reinhard
3554 Pindell Wm
3555 Vacant

SE 36th av intersects

3602 Mearns Betty M Mrs
3603 Thomas Melva E Mrs
3612 Tyler R Fern Mrs
3615 Ireland Wm L ⊙
3616 Swanson Carl A ⊙
3623 Brandon Jerry W
3624 McTalley John C
3634 Roden Michl O
3635 Vacant
3640 Stapleton Jack D
3641 Werthes Wm J ⊙
3652 Hall Carrie Mrs

SE 37th av intersects

3702 Durburaw Otto M
3710 Rowe Maude T
3714 Harris Eliz D Mrs ⊙
3717 Henry Paul C
3718 Smith Frank A ⊙
3722 Brande Walter S ⊙
3727 Apperson Harvey J ⊙
3730 Hunter Jas L
3733 Green Chas B ⊙
3739 Dixon Melvel W
3740 Britton Jas P
3747 McElvain Howard J ⊙
3748 McElroy Robt E
3752 Lynch Ray
3757 Yelton Fannie R Mrs

SE 38th av intersects

3805 Ellis Chas S ⊙
3814 Drake Clarence J ⊙
3815 Winner Arth N ⊙
3820 Nelson Josiah W ⊙
3825 Andrews Henry A ⊙
3826 Sutherland Bert L ⊙
3834 Harms Pauline Mrs ⊙
3835 Vacant
3840 McDaniel Ira R ⊙
3846 Eldredge Roy L ⊙

SE 39th av, SE 40th av intersect

4104 Baton Walter J
4110 Long Vernon W

BELMONT ST SE 1935

BELMONT, SE—Contd
New York Apts—Contd
40 Baker G W
41 Cameron Maud
42 Nichols Ralph
45 Butler Anna
46 Gaither Nettie Mrs
Street continued
707 Vacant
712 American Garage
724 Cohen Gus
726-30 Vacant
733 Willinger Maurice gas sta
734 Keeler Fred
SE 8th av intersects
803-33 Grand Central Public Market (For list of stalls see 808 SE Morrison)
Lenhardt Harry auto pntr
804 Dolan Wrecking Co Inc
826 Ferrier May J Mrs
830 Wikle Albert L
Burroughs David E
838 Sager Chas D shoe repr
839 Reeves Robt B barber
Grand Central Cleaners & Dyers
SE 9th av intersects
915 Haris & Karr gas sta
936 Imperial Service Stations Inc No 2
SE 10th av intersects
1004 Italian Market Grocery Co
1016 Monte Carlo Restaurant
1018 Gardeners & Ranchers Assn Building
1020 Biglow Ben A
Pasadore Helen nurse
1024 Zenner Bros Seed Co
1030 Lido Restaurant
1036 Vacant
SE 11th av intersects
1125 **Apartments**
1 Long Anna Mrs
2 Hunt Anne Mrs
3 Hawley Ellen Mrs
4 Stopplecamp Augusta Mrs
Street continued
1126 Collins Cath H Mrs
1135 Ryan John decorator
SE 12th av intersects
1206 Nu-Way Auto Laundry & Service Station
1216 Rankin Mary J Mrs ◎
1223 Robertson John A E
1224-26 **Apartments**
B Gill Wm H
1 Gordon Mark T
2 Wilder P
3 Archie Fred
4 Hall Guy G
5 Perry Raymond W
6 Paetsch Martha
7 Taylor Wilbur D
8 Duncan C D cement contr
9 Lively Benj F
10 Moore Austin R ◎
Street continued
1232 Sharon Anna L Mrs ◎
SE 13th av intersects
1305 Viereck Charlotte Mrs
1313 Mebus John W
1316 Vacant
1317 Harvi Merlin
Boyles Merlin E
1323 Ellis Seaton L
1335 Sauermann Fred A
1336 Setera Anna Mrs
SE 14th av intersects
1403 Wellesley Court Grocery
1405 **Wellesley Court Annex** Apartments:
B Hinkle Chas V
61 Allison Hurshell E
62 Reed Clara B Mrs
63 Hudkins Chas R
64 Osgood Grace H Mrs
65 Antonisen Gertrude
66 Williams Ralph E
67 Thurgood Thos A
68 Rosen Russell C
Street continued
1407 Vacant
1410 **Duke of York Apartments** Apartments:
1 Peterson Karl D
101 Stemler Norman V
102 Vacant
103 Briggs E Gertrude
104 Moorman Eliz B
105 Vacant
106 Long Zella A
107 Frost Herman C
108 Smith Donald R
109 O'Brien Wm A
110 Vacant
111 Blair Bessie
112 Linn Wm E
201 Weber Herman C
202 Mader Edw M
203 Beckett Veroo B
204 Cooper Theadra C
205 Smith Dorothy Mrs
206 Berry Philip L
207 Bennie Amy S Mrs
208 Wridge Elmer
209 Olson Evelyn
210 Johnston Clarence
211 Young Raymond O
212 Philpott Louise M
301 Dorney Geo E
302 Burch S Aurlia
303 Blood Alta R
304 Bree Donald W
305 Edgar Yuma P
306 Humberstone Geo E
307 Hallingby Rachael
308 Potter Harry
309 Martin Jas
310 Stoddard Francis
311 Smith Glen
312 Whitehouse Hazel
Street continued
1422 Brown Della K Mrs
SE 15th av intersects
1503 Morse Nathan A
1506 Ripke Wm F
1509 Burfield Harry C
1514 Neese Orville B
1517 Peck Harless H
1522 Dowd Grace C Mrs
1524 Vacant
1525 Dermody Selina M Mrs
1535 McKenzie Murdock
SE 16th av intersects
1604 Rhine Adeline Mrs ◎
1611 **Pembrooke Apartments** Apartments:
101 Trembly Dalles P Mrs
102 Bender Marjorie S Mrs
103 Thomas Gertrude Mrs
104 Swanson Alvah F
201 Vacant
202 Ludwig Ferd B
203 Walker Emma J Mrs
204 Robertson Russell W
205 Nicholson Jessie
206 Vacant
301 Tresnon Clora A Mrs
302 McCormick Edw C
303 Gundlach Edw
304 Olsen Clarence E
305 Bressem Paul E
306 Binschus Frank C
Street continued
1618 Lehnherr Anna C Mrs ◎
1625 Herman Harold P
Correll Fred H
1626 Richardson Geo W ◎ jwlr
1631 Clark Albert E wood sawyer
SE 17th av intersects
1704 Utterback LeRoy
1710 Sarich Mary Mrs
1716 Furnell Wm G
1718 Stanard Mason E
1728 Duthie Annie Mrs ◎
1729 Scoggin Barbara Mrs drsmkr
1733 Stearns David S ◎
1734 Suran Bert
Gerber John J
1742 Gish Martha Mrs
SE 18th av intersects
1804 Younger Geo W
1818 Orr Amanda J Mrs
1820 Williams Jack L
1823 Vacant
1825 Adams Chas F ◎
1827 Adams Curtiss H
1832 Wesche Almina Mrs
1836 Michel Rudolph A
SE 19th av intersects
1937 Belmont Service Station
SE 20th av intersects
2003 Hall Bertrand M gas sta
Johnson Guy house mover
2021 Raab Ernest auto repr
2022 Epperly Jerome
2034 Bauder Edw A
2035 Maehler Emma E Mrs ◎
2038 Belmont Sheet Metal & Plumbing Co
2046 Pangborn Quincy J
2051 Vacant
2103 Vacant
2109 Niklas Kath Mrs ◎
2116 McHenry Delphine H Mrs ◎
2119 Nicklas & Son greenhouse
2122-26 Vacant
2128 Crystal Leonard
2138 Kimball Geo F
2140 Murray Maude W Mrs
2146 Dowling Eug H ◎
2208 Maddux Clifford W
Maddux Mabel H Mrs beauty shop
2214 Savage Ann E Mrs ◎
2215 McDowell Lawrence A
2222 Pullen Arth L ◎
2223 Cushman Wm F ◎
2231 Vacant
2239 Bailey Sewall W ◎
SE 23d av intersects
2327 Weisz John R
2331 Hogue Dellamae ◎
2336 Moore Oliver M ◎
2339 Modrell E Wm
2341 Plummer Lester
2344 Killies Chas C ◎
2402 Newell John P ◎ pntr
2403 Bird John P ◎
2411 Walker Jos L sheet mtlwkr
2412 Hickson Saml M
2423 Gullette Fred ◎
2426 Lundberg Neil O
2431 Fee Emma A Mrs
2434 Mensing Erich E
2435 Wodgenski Mary B ◎
2440 Labbe Carrie E Mrs
2442 Truman Frank
2445 Vacant
2450-54 Vacant
SE 25th av intersects
2508 Taylor Leone V Mrs
2510 Hall Clyde G
2511 Oubram Jos ◎
2518 Sawtell Kenneth E
2519 Bryant W LeRoy gro
2520 McLain John H
2522 Nielsen Geo L
2524 Blackmore Nadine
2525 Vacant
2527 Vacant
2533 Schreiber Max W ◎
2534 Petersen Arnold P auto repr
Musgrove Grover C gas sta
2535 Pizer Ella L Mrs
SE 26th av intersects
2622 Davis Harry F gro
2623 Vacant
2624 Davis Harry F
2626 McCoy Ralph J
2628 Belmont Book Exchange
2637 Jette & Holmes auto reprs
SE 27th av intersects
2701 Vacant
2702 Brady Thos F ◎
2703 Ponnay Cora A Mrs
2704 Johnston Jos H
2705 Johnson Heber G
2707 Vacant
2715 Hoffman Walter A F
2716 Hughes Emery W real est
2726 Gilhousen Ernest D ◎
2732 Martin Walter K ◎
SE 28th av intersects
2808 Calbreath John F ◎
2822 Mayer Wm J
2828 Duffy Jos barber
2829 **Belvedere Apartments** Apartments:
101 Singleton J A
102 Allen Harley W
103 Young H Dale
104 Funk Katharine E
105 Kirkendall Archie L
106 Fries Walter
107 Ahrendt Lloyd W
108 Clark Grace
109 Spaulding Grace Mrs
110 Swanson Edgar H

TP	Adjoining	Source
-	✓	R.L. Polk Co., Inc.

BELMONT ST SE 1935

BELMONT, SE—Contd
3804 Sherban Nick ◎
3810 Neff Loyd D
3812 Belmont Beauty Shop
Neff Mabel G Mrs
3813 Thomas Claud mach shop
3817 Hemstreet Chas H locksmith
3820 Vacant
3823 Laurelhurst Barber Shop
3825 Miller Ernest O
3826 Gibson Chas A
3827 Adabelle Beauty Shop
3833 Halas Bessie Mrs
3834 Vacant
3835 Vacant
3840 Crosby Jerry L
3841 Carlton Leonora C ◎
3847 Vacant
3848 McGill Howard C
3851 Brackett Geo C barber
3853 McKenna M L Mrs ◎
3858 Standard Stations Inc
3861 Ed's Shoe Shop reprs
Black-Frost Radio Service
3863 Vacant
3865 Safeway Stores Inc gro
SE 39th av intersects
3900-06 Stoll Theo A gro and meats
3901 Laurelhurst Pharmacy
3905 **Balfour Apartments**
Apartments:
1 Vacant
2 Bartels John C dentist
3 Beatty Jos O
5 Liedke Cullen E
6 Walters Muriel
7 Johnson Chas E
8 Bly Chas L
9 McKee Fred
10 Spriggs Wendell C
11 Gardner Fred W
Street continued
3907 US Post Office Sta C
3910 Eberle Frank W barber
3911 Vacant
3913 Reck Chas H
3920 Rhoades Chas W ◎
Walker Patk E
Smith Virgil
Phillips Roy K
3921 Irvine Bertha E ◎pub acct
3923 Vacant
3927 Haskell F Kirby
3929 Baker Alvin C
3930 Edwards Dorman D ◎
3948 Sanders Frank ◎
3954 Rasmussen Carl J
3958 Brown Thos F ◎ pntr
3970 Bennett Ernest B
SE 40th av intersects
4011 Peacock Grocery
Goodbrod Geo A ◎
4014 Alderson Edith R ◎
4017 Miller Clarence barber
4020 Cherrington Edw H
4026 Murray Kath A Mrs ◎
4027 Vacant
4032 Allen Robt
4118 Miller Fred D ◎
4124 Jepsen Nels C
4130 Canzler Paul ◎
SE 42d av intersects
4205 Petros Peter W ◎
4218 Lursen Henry L
4225 Tribou Orsena N ◎
4232 Fleck Nina A Mrs
4233 Greiner Jos J garage
4239-43 Clifford Wm H gro
4240 Vacant
4246 Vacant
4255 Kelly Chas J plmbr
4257 Vacant
4260 Laurelhurst Cleaners & Dyers
4263 **Lanning Apartments**
Apartments
A Lee Herbert F
B Keefover Blanche Mrs
200 Hamlet Ann
201 Naylor Jack T
202 Woods LeRoy E
203 Kurtz Florence L
204 Sibler Stella
205 Bartley Lotus
206 Mitchell Wm
207 Sandman Leola
300 Greenland Herbert jr
301 Eickworth Alice
302 Murray Chas E
303 Leisure C E
304 Mallon Everett E
305 Gerrish H E
306 Woods Ernest L
307 Krause Benj M
Street continued
4271 Clifford Wm H
SE 43d av intersects
4305 **Adams Apartments**
Apartments:
1 Strejc Walter E
2 Tatro Leonard L
3 Kennedy Mamie A Mrs
4 Goodwill L D
5 Berg Chas W
6 Daveluy Norman J
7 Bell Henrietta C
8 Baird O E
9 Houghton Archie A
10-11 Vacant
12 Carlson Constance E
14 Stites Emma Mrs
Wright Dorsey D
15 Johnson Morris
16 Vacant
Street continued
4311 Jett Clyde C
4324 McKay L Boyd gro
4325 Sundt Walter ◎ elec contr
4335 Greiner Jos J
SE 44th av intersects
4406 Marstaller Otto A ◎
4416 Bradford Howard M
4422 Vacant
4430 Drew John F phys
Wilson Frank M dentist
Junken Russell J
4432 McAuley Malcolm barber
4435 **Sunlight Apartments**
Apartments:
1 Vacant
2 McClellan Geo B
3 Swanson Lawrence E
4 Lane Harley Z
Hendricks Chas F
5 Kerzell Geo
6 Quackenbush Clayton G
7 Gordon Claude N
8 Vacant
9 Merriot Geo
10 Swarthout B
11 Holmes Albert E
Street continued
4437 Purdy Geo Z gro
4438 Kell Drug Co
SE 45th av intersects
4500 Vacant
4501 Vacant
4512 Robinson H R repair shop
4518-20 Vacant
4521 Helgemo Lena I ◎
4525-29 Vacant
4526 Embody Mono A
Glencoe Beauty Shop
4530 Vacant
4535 Glencoe Market meats
4536 Abel Victor
4537 Glencoe Grocery
SE 46th av intersects
4600 Moodie A D house mover
4608 Roberts Martin L ◎
4618 Alexander Julius H ◎
SE 47th av intersects
4701 Ray's Food Store gro
4705 Jensen Benj C shoe repr
4707 Blaine Claud O refrigerator service
4711 Funnell Walter M barber
4712 Mount Tabor Barber Shop
4713 Vacant
4714 Spencer Roland J
4716 Up's Lunch
4717 Ellison Geo C gro
4726 Weiss Mary Mrs ◎
4738 Williams Charlotte Mrs ◎
SE 48th av intersects
4801 Glencoe Florist
SE 49th av intersects
4926 Jaeckel Carl O
4940 Dickover Julius W ◎
SE 50th av, SE 51st av intersect
5107 Brinkman Wm E Rev
5115 Rivenburgh Ira B
5133 Morrow Jas W ◎
5219 Douty Fred A ◎
SE 53d av intersects
5317 Butterfield Geo H
5330 Darling Roy J ◎
SE 54th av intersects
5410 Beard John W Rev ◎
5441 MtTabor Presbyterian Ch
SE 55th av intersects
5500 Pacific Telephone & Telegraph bldg
5525 Forbes Sherman L ◎
5528 Bellan Clare Mrs ◎
5538 Oliver Chas E
5541 Conway Arthur M
5602 Johnson Melvin L ◎
5612 Beck Sydney A ◎
5622 Holmes Geo H
5631 Latham Leonard H
5632 Kenyon Alma E Mrs ◎
5644 Olsen Lettie L Mrs ◎
5702 Roberts Wm
Woodford Edwin S
5703 Speer Virgil A
5712 Stirmweis W Theo
5714 Tozer W Laverne
5720 Oldham Dorothy
5722 Wick Clarence H
SE 58th av intersects
5807 Butterfield B Pearl Mrs
5815 Nelson Chas B ◎
5823 Brady Margt Mrs ◎
5831 Robbins Elmer
5834 Johnson Florence Mrs
5843 Yoran Wm C ◎
5900 Hunter Smith E ◎
5912 McCoy Harry A ◎
5918 Henrich Fredk W ◎
5926 Webster Eliz E Mrs ◎
SE 60th av intersects
6021 MtTabor Beauty Shoppe
6025-27 Vacant
6031 Stephenson John E gro
SE 61st av intersects
6101 Seaton Layke L drugs
6109 **Amherst Apartments**
Merrill Anne Mrs
Apartments:
102 Litwinenco John I
104 Munroe Jas
106 Crawford Mattie L Mrs
108 Martin Ethel
201 Emmerson Howard C
202 Vacant
203 Doone Charlotte E Mrs
204 Vacant
205 Yount Myrtle Mrs
206 Vacant
207 Henkel Fred H
208 Flax Michl
301 Dilkey Beulah
302 Black Mabel G
303 Tyler Frank A
304 Kenney Bernard T
305 Hurst Albert E
306 Edwards Mary
307 McClellan Paul
308 Cook Ruby
Street continued
6128 Grenfell Wm H ◎
SE 62d av intersects
6200 Lundell Carl H ◎
6225 Mann Elbert A ◎ dentist
6247 Middleton Annie M ◎
6248 Barthrop Edw B
SE 65th av, SE 66th pl intersect
6602 McGinnis Robt C
6631 Landers Homer T
SE 67th av intersects
6704 Casey Thos
SE 68th av intersects
6806 Donaghue Jas H
6815 Mayer Luella L Mrs
6816 Schroeder Jacob W ◎
6817-19 Vacant
6821 Cox Wm H
6833 Tabor Grocery & Market
6838 McDonald Emma E Mrs barber and confr
6839 Vacant
SE 69th av intersects
6900-06 Vacant
6914 Lien Oswald N
6919 Panatoi Julius P
6920 Guthrie Lester A
6925 Vacant
6928 Lake Horace H ◎
6933 Taylor Burnside W ◎

BENNINGTON DRIVE, SW
(Arlington Hts)
SW Fairview blvd intersects
2936 Finnegan Ross M
2944 Stearns Shea Mrs ◎
2948 Spackman Chas R jr ◎
2950 Knight Robt H ◎
2959 Digman Anton E
2966 Johnson Ernest E ◎
2974 Kupper Frank J ◎
2986 Tinkham Ralph R ◎
2988 Olsson Alex P ◎
3026 Dubois Earl D
3038 Howard Martin A ◎
3046 Coleman Walter J ◎

BENTON AV, N—Fr N Hassalo n, 3 e of river
1120 Beeman Leslie
1128 Tanida Hidekichi ◎
1137 Nichiren Buddhist Church
N Clackamas intersects
1206 Jarvi Edw
1207 Atkins Bert V
Lampman Ray
1212 Bean Jas R ◎
1213 **Apartments**
A Vacant
B Thompson Thos E
C Mohr Thos
D Colbert Chas R
Street continued
1226 Huntington Alfd T
1227 Vacant

BELMONT ST SE 1935

BELMONT, SE—Contd
New York Apts—Contd
40 Baker G W
41 Cameron Maud
42 Nichols Ralph
45 Butler Anna
46 Gaither Nettie Mrs
Street continued
707 Vacant
712 American Garage
724 Cohen Gus
726-30 Vacant
733 Willinger Maurice gas sta
734 Keeler Fred
SE 8th av intersects
803-33 Grand Central Public Market (For list of stalls see 808 SE Morrison)
Lenhardt Harry auto pntr
804 Dolan Wrecking Co Inc
826 Ferrier May J Mrs
830 Wikle Albert L
Burroughs David E
838 Sager Chas D shoe repr
839 Reeves Robt B barber
Grand Central Cleaners & Dyers
SE 9th av intersects
915 Haris & Karr gas sta
936 Imperial Service Stations Inc No 2
SE 10th av intersects
1004 Italian Market Grocery Co
1016 Monte Carlo Restaurant
1018 Gardeners & Ranchers Assn Building
1020 Biglow Ben A
Pasadore Helen nurse
1024 Zenner Bros Seed Co
1030 Lido Restaurant
1036 Vacant
SE 11th av intersects
1125 **Apartments**
1 Long Anna Mrs
2 Hunt Anne Mrs
3 Hawley Ellen Mrs
4 Stopplecamp Augusta Mrs
Street continued
1126 Collins Cath H Mrs
1135 Ryan John decorator
SE 12th av intersects
1206 Nu-Way Auto Laundry & Service Station
1216 Rankin Mary J Mrs ◎
1223 Robertson John A E
1224-26 **Apartments**
B Gill Wm H
1 Gordon Mark T
2 Wilder P
3 Archie Fred
4 Hall Guy G
5 Perry Raymond W
6 Paetsch Martha
7 Taylor Wilbur D
8 Duncan C D cement contr
9 Lively Benj F
10 Moore Austin R ◎
Street continued
1232 Sharon Anna L Mrs ◎
SE 13th av intersects
1305 Viereck Charlotte Mrs
1313 Mebus John W
1316 Vacant
1317 Harvi Merlin
Boyles Merlin E
1323 Ellis Seaton L
1335 Sauermann Fred A
1336 Setera Anna Mrs
SE 14th av intersects
1403 Wellesley Court Grocery
1405 **Wellesley Court Annex** Apartments:
B Hinkle Chas V
61 Allison Hurshell E
62 Reed Clara B Mrs
63 Hudkins Chas R
64 Osgood Grace H Mrs
65 Antonisen Gertrude
66 Williams Ralph E
67 Thurgood Thos A
68 Rosen Russell C
Street continued
1407 Vacant
1410 **Duke of York Apartments** Apartments:
1 Peterson Karl D
101 Stemler Norman V
102 Vacant
103 Briggs E Gertrude
104 Moorman Eliz B
105 Vacant
106 Long Zella A
107 Frost Herman C
108 Smith Donald R
109 O'Brien Wm A
110 Vacant
111 Blair Bessie
112 Linn Wm E
201 Weber Herman C
202 Mader Edw M
203 Beckett Veroo B
204 Cooper Theadra C
205 Smith Dorothy Mrs
206 Berry Philip L
207 Bennie Amy S Mrs
208 Wridge Elmer
209 Olson Evelyn
210 Johnston Clarence
211 Young Raymond O
212 Philpott Louise M
301 Dorney Geo E
302 Burch S Aurlia
303 Blood Alta R
304 Bree Donald W
305 Edgar Yuma P
306 Humberstone Geo E
307 Hallingby Rachael
308 Potter Harry
309 Martin Jas
310 Stoddard Francis
311 Smith Glen
312 Whitehouse Hazel
Street continued
1422 Brown Della K Mrs
SE 15th av intersects
1503 Morse Nathan A
1506 Ripke Wm F
1509 Burfield Harry C
1514 Neese Orville B
1517 Peck Harless H
1522 Dowd Grace C Mrs
1524 Vacant
1525 Dermody Selina M Mrs
1535 McKenzie Murdock
SE 16th av intersects
1604 Rhine Adeline Mrs ◎
1611 **Pembrooke Apartments** Apartments:
101 Trembly Dalles P Mrs
102 Bender Marjorie S Mrs
103 Thomas Gertrude Mrs
104 Swanson Alvah F
201 Vacant
202 Ludwig Ferd B
203 Walker Emma J Mrs
204 Robertson Russell W
205 Nicholson Jessie
206 Vacant
301 Tresnon Clora A Mrs
302 McCormick Edw C
303 Gundlach Edw
304 Olsen Clarence E
305 Bressem Paul E
306 Binschus Frank C
Street continued
1618 Lehnherr Anna C Mrs ◎
1625 Herman Harold P
Correll Fred H
1626 Richardson Geo W ◎ jwlr
1631 Clark Albert E wood sawyer
SE 17th av intersects
1704 Utterback LeRoy
1710 Sarich Mary Mrs
1716 Furnell Wm G
1718 Stanard Mason E
1728 Duthie Annie Mrs ◎
1729 Scoggin Barbara Mrs drsmkr
1733 Stearns David S ◎
1734 Suran Bert
Gerber John J
1742 Gish Martha Mrs
SE 18th av intersects
1804 Younger Geo W
1818 Orr Amanda J Mrs
1820 Williams Jack L
1823 Vacant
1825 Adams Chas F ◎
1827 Adams Curtiss H
1832 Wesche Almina Mrs
1836 Michel Rudolph A
SE 19th av intersects
1937 Belmont Service Station
SE 20th av intersects
2003 Hall Bertrand M gas sta
Johnson Guy house mover
2021 Raab Ernest auto repr
2022 Epperly Jerome
2034 Bauder Edw A
2035 Maehler Emma E Mrs ◎
2038 Belmont Sheet Metal & Plumbing Co
2046 Pangborn Quincy J
2051 Vacant
2103 Vacant
2109 Niklas Kath Mrs ◎
2116 McHenry Delphine H Mrs ◎
2119 Nicklas & Son greenhouse
2122-26 Vacant
2128 Crystal Leonard
2138 Kimball Geo F
2140 Murray Maude W Mrs
2146 Dowling Eug H ◎
2208 Maddux Clifford W
Maddux Mabel H Mrs beauty shop
2214 Savage Ann E Mrs ◎
2215 McDowell Lawrence A
2222 Pullen Arth L ◎
2223 Cushman Wm F ◎
2231 Vacant
2239 Bailey Sewall W ◎
SE 23d av intersects
2327 Weisz John R
2331 Hogue Dellamae ◎
2336 Moore Oliver M ◎
2339 Modrell E Wm
2341 Plummer Lester
2344 Killies Chas C ◎
2402 Newell John P ◎ pntr
2403 Bird John P ◎
2411 Walker Jos L sheet mtlwkr
2412 Hickson Saml M
2423 Gullette Fred ◎
2426 Lundberg Neil O
2431 Fee Emma A Mrs
2434 Mensing Erich E
2435 Wodgenski Mary B ◎
2440 Labbe Carrie E Mrs
2442 Truman Frank
2445 Vacant
2450-54 Vacant
SE 25th av intersects
2508 Taylor Leone V Mrs
2510 Hall Clyde G
2511 Oubram Jos ◎
2518 Sawtell Kenneth E
2519 Bryant W LeRoy gro
2520 McLain John H
2522 Nielsen Geo L
2524 Blackmore Nadine
2525 Vacant
2527 Vacant
2533 Schreiber Max W ◎
2534 Petersen Arnold P auto repr
Musgrove Grover C gas sta
2535 Pizer Ella L Mrs
SE 26th av intersects
2622 Davis Harry F gro
2623 Vacant
2624 Davis Harry F
2626 McCoy Ralph J
2628 Belmont Book Exchange
2637 Jette & Holmes auto reprs
SE 27th av intersects
2701 Vacant
2702 Brady Thos F ◎
2703 Ponnay Cora A Mrs
2704 Johnston Jos H
2705 Johnson Heber G
2707 Vacant
2715 Hoffman Walter A F
2716 Hughes Emery W real est
2726 Gilhousen Ernest D ◎
2732 Martin Walter K ◎
SE 28th av intersects
2808 Calbreath John F ◎
2822 Mayer Wm J
2828 Duffy Jos barber
2829 **Belvedere Apartments** Apartments:
101 Singleton J A
102 Allen Harley W
103 Young H Dale
104 Funk Katharine E
105 Kirkendall Archie L
106 Fries Walter
107 Ahrendt Lloyd W
108 Clark Grace
109 Spaulding Grace Mrs
110 Swanson Edgar H

TP	Adjoining	Source
-	✓	R.L. Polk Co., Inc.

WASHINGTON ST SE 1935

WASCO, NE—Contd
3143 Sartain Wm P ⊙
3203 Jasmann Maxmillian
3204 Downing Frank R ⊙
3214 Bean Norman S
3215 McCormick Jas F ⊙
3224 Gilbert Blanche B Mrs ⊙
3225 Brandon Richd R ⊙
3234 Kincaid Webster L ⊙
3235 Daniels Eug W ⊙
3243 Hill Chas B ⊙
3244 Ellison Robt
NE 33d av intersects
3302 Hinnenkamp Gus H ⊙
3305 Pardey Ina B Mrs ⊙
3317 Sugarman David ⊙
3325 Lewis Robt V
3337 Cook Sophie Mrs ⊙
3345 Davidson Roderick M
3355 Foertsch Wm C
3367 Vernstrom Nels ⊙
NE Sandy blvd intersects
Unopened to NE Imperial av
NE Senate intersects
3507 Zimmerman F C Mrs ⊙
3540 Bukowsky Geo C
3602 Reed Milton F ⊙
3615 McGowan Fred C
3616 Graham Saml H ⊙
3625 Martin Victor F ⊙
3636 Bay Fred N ⊙
3646 Slemmons Kate Mrs ⊙
3651 Druce Louis V
3656 Elliott Harry C ⊙
3659 Kidd Allen E ⊙
NE 37th av intersects
3705 Blanchard Harry J
3717 Bush Marvin J ⊙
3725 Coberly Russell E
3734 Vacant
3737 Cunningham Walter
3747 Vacant
3755 Skinner Florence Mrs
3813 Vacant
3814 White Oliver G ⊙
3819 Guerin Holt ⊙
3831 Bertz Geo ⊙
3839 Herman Wm H
NE 39th av intersects
Unopened to NE 47th av
4721 Rink Aug ⊙
4730 Vacant
4744 Jaffe Jos
4745 Dolan Thos J ⊙
4754 Schick Harold R ⊙
4757 Lasselle Sanford A ⊙
4762 Spickerman Edwin R ⊙
NE 48th av intersects
4814 Ede Glen M
NE 49th av intersects
5012 Carlson Lawrence ⊙ music tchr
5024 Zenner Geo P ⊙
NE 51st av intersects
5124 Jeremiah Clarence H ⊙
5125 Bear Guy S ⊙
NE 52d av, NE 53d av intersect
5324 Stalzer Frank J ⊙
NE 54th av intersects
5420 Westin Fred J ⊙
5714 Kidd Wm C
NE 58th av, NE 59th av and NE 60th av intersect
6023 Stewart Wm M
NE 61st av intersects
6114 Royal Wm M
NE 62d av intersects
6215 Andrews Nellie Mrs
Unopened to NE 82d av
8233 Heeschen Rose A Mrs
8240 Carpenter Leslie E ⊙
8253 Dippre Wm A ⊙
8261 Vacant
8262 Axelsen Alfd H O ⊙
8304 Wren Earl A ⊙
8314 Denzel Otto B
8315 Tollefsen Martin ⊙
NE 84th av intersects
8403 Trzil Jos ⊙
8434 Vacant
NE 88th av intersects

WASHBURNE AV, N—Fr 3737 **N Willamette blvd n**
7119 Clark Fred N ⊙
7134 Sheerin Richd D
7148 McKenzie Alex H
7204 Sestak Louis ⊙
7205 Matheson John ⊙
7212 Laberee Geo P ⊙
7225 Vacant
7234 Lofgren Harry W ⊙
7237 Dunn Cornelius E ⊙
7324 White Raymond B ⊙
7327 Huseth Helmer O ⊙
N Lombard intersects
7535 Thompson Martin J ⊙
7547 Moon John H ⊙
7555 Argeyreu Stathes
N Russett intersects
7611 MacDonald H B ⊙ pntr
7639 Rankin Theo O
N Baldwin intersects
7676 Hase Wm
7681 Scheidt Lydia music tchr
7686 Simons Dale D ⊙
7689 Gibson Ralph A
7695 Tubbs Robt F
N Farragut intersects
7707 Hall Wm A ⊙
7717 Lewis Chas E
7805 Austin Morton F
7817 Hausserman Chas W ⊙
7844 Bush Otto A ⊙
7845 Ferguson Jas A
7854 McKinney Oscar E
7865 Allen Robt W ⊙
N Winchell intersects
7900 Bush Wm A ⊙
7916 Wakeman Paul C
7924 Young Earl D ⊙
7936 Vanderveen Chas H ⊙
7948 Krieg Geo ⊙
8040 Baldwin Chas S
8110 Copeland Jos L
8118 Nesting Matthew ⊙
N Halleck intersects
8261 Huson Chas E ⊙
N Willis blvd, N Hunt intersect
8736 Kipp Carroll H ⊙
8818 Vacant
8845 Kaump Geo ⊙
N Houghton intersects
8907 Fabian Mathew
N Trenton, N Newark and N Columbia blvd intersect

WASHINGTON, SE—Fr the river e, 2 n SE Morrison
SE Water, SE 1st av and SP Ry tracks intersect
73 Northwestern Ice & Cold Storage Co
139 Sperry Flour Co
Portland Flour Mills Co
Pacific Coast Elevator Co
Olympic Cereal Mill
SE 2d av intersects
201 State Emergency Relief Administration warehouse
Multnomah County Relief Committee
230 Lime Putty & Mortar Co
Duplex Laundry Tray Co
SE 3d av intersects
307 United Fruit & Produce Co
SE Union av intersects
402 Heiny Jos W carp
404 Royal Frank
Fuller Sam
Showman J S
Dixon Sam
White Ethel Mrs
408 Vacant
409 Burke Thos
414 Cheetham R S stove repr
415 Red Cedar Roofing Co shingles
417 Sturm Dumb Waiter & Elevator Co
422 Morrow Lawrence P cbtmkr
423 Tiffany Wm H wire gds mfr
Miner Anti-Bloating Co cattle muzzle mfrs
Automatic Fire Escape Stairway Corp
424 Vacant
SE Grand av intersects
506 **Apartments**
1 Curtis Ole M
2-3 Peck E C
4-5 Hawkins W M jr
6 Hawkins W M Mrs
8 Derry Chas
9 Ropp Harry
10 Cotton Roy Mrs
11 Vacant
12-13 Johnson Gust
16 Anderson Malta
17 Smith Frank
Street continued
515 Marshall Claude H transfer
517 Portland Brush Works
526 Rowe Plumbing & Heating Co side entrance
528 Southwick E A lino comp
SE 6th av intersects
618 Himbercourt Eliz Mrs
619 Vacant
624 Independent Tent & Awning Co
Kabel Fred A
626 Hansen Nels P pntr
628 Vacant
630 Class Chas J
Ernie's Glass Shop
632 Groome Thos
SE 7th av, SE 8th av intersect
802 Berg Harry
808 Brown Henry X ⊙ plmbr
815 **Terrace Court Apartments**
Apartments:
101 Crabtree Chas A
102 Andre A Glenn
103 Burch Ruth E
104 Davis Joe B
105 Wilson Margt
106 Shuman Herbert H
107 Miller Ruth Mrs
108 Mandeis Lambert
109 Lawton Jos
110 Linde Anton E
111 Cascady Chas M
112 Baumann Edw L
114 Vacant
115 Foster W H
116 Fuchs Ernest
117 Williams Harry E
118 Daugherty Eldon G
119 Fleenor Clinton G
120 Oliver Geo E
121 Crouch Claude V
122 Kemp Paul
123 Vacant
124 Parks Harold
125 Smith F Larry
126 Vacant
127 O'Connor Emma Mrs
202 Calkins Harry
203 Chensvold Austin
204 Stevens Velma
205 Daniels Forrest F
206 Livingston Andrew
207 Vacant
208 Koenig Arth
209 Bass Shannon
210 Dunning Sherman M
211 Taylor Carter H
212 Flynn Ray
214 Widoff Ernest
215 Manley Thos
216 Piercy Mae
217 Gilmore Claude
218 Secrest Virgil
219 Divine Muriel
220 Hausinger Doris
221 Christianson Henry M
222 Phillips Robt
223 Strawn Kenneth
224 Vacant
225 Cobb Annabelle
226 Hixon Clayton
227 Miller Geo
Street continued
816 Trowbridge Bruce M
822 Martin Wm H
Hoel Peter
SE 9th av intersects
924 Universal Bed Co
925 Anderson John ⊙
932 Turner Alma R
Cochran Cecil
Crawford Gerald D
SE 10th av intersects
1000 Gwynn Jas D gro
1006 Neumann Wilmer G
1014 Neumann Wm E ⊙
1025 Ragan Albert S

TP	Adjoining	Source
-	✓	R.L. Polk Co., Inc.

WASHINGTON ST SE 1935

1034 **Nyleta Court Apartments**
Apartments:
2 Sharkey Jas B
3 Dumagan C Averitt
4 Barwise Thos
5 Sage Howard M
Street continued
1035 Hallock Hiram W
1037 Sutton Noah ◎
SE 11th av, SE 12th av intersect
Unopened to SE 16th av
1605 Rogers Mary J Mrs
Rocine Victor G wrlter
Rocine Bertha C Mrs osteo
SE 17th av, SE 18th av intersect
1803 Vacant
1809 McCoy Winifred A Mrs ◎
1816 Bailey Ward B
1817 Gissel Jorgen L
1823 Vacant
1831 Snyder Gerald L
1833 Pattison Isabel M
1835 Smith Geo S real est
1837 Sandow Lily M Mrs
SE 19th av intersects
1904 Cichy Mary A Mrs
1918 Viggers Wm ◎
1921 Jones Thos V
1922 Wheeler Don H
1926 Hammett Wm H
1927 Fisher Ladd ◎
1935 **Amherst Manor Apartments**
bsmt Oakes Lyle D
Apartments:
1 Linder Sigurd E
2 Himmers Harry H
3 Ripke Wm C
4 Oakes David
5 Hanson Carl
SE 20th av intersects
Unopened to SE 26th av
2604 Howe Geo I
2605 Conrad Elmer E
2613 Buckwalter Edwin F
2614 Hanselman Jos W ◎
2623 Buckwalter Frank J ◎
SE 27th av intersects
2704 Bertram Paul S
2716 Foster Herbert C
SE 28th av intersects
2809 **Flotom Apartments**
Apartments:
1 Catta Chas ◎
2 Walters Erwin L
3 Sherwood H E Mrs
4 Hart Ralph M
5 Coburn Lyman F
6 Williams Claude M
7 Mozel Joe
8 Vanderwort Erwin D
Street continued
2818 Brown L E
SE 29th av intersects
2904 Bailiff Boyd
2906 Dickerson H Merle acct
2908 Post Geo R
2912 Berry Ezra H
2914 McNesby Jas
2926 Manlove Levi L ◎
SE 30th av intersects
Unopened to SE 33d av
3317 Buckingham Elbert R
3324 Ross John R
3328 Kingery Clarence S
3330 Latham Alfd
3331 Stutzman Chas
3335 Brandhorst Carl G ◎
3336 Vacant
SE 34th av intersects
3404 Doran Ed L ◎
3416 Morton Wilfred H
3420 Umphrey Jas W ◎
3423 Scholfield Harold T ◎
3429 Hartzman Victor V
3436 Wiechman Martha C Mrs ◎
3437 Perkins Edw L
3447 Smith Dalton
3448 Farioli Geo G
SE 35th av intersects
3508 Pifer Jos R ◎
3515 Crosier Arth B
3516 Trachsel Fredk ◎
3528 Denner Alex
3533 Cleasby Lavelle Mrs
2534 Christian Chris E
3543 Seamster Alongo L ◎
3544 Cole Chas D
Millard Rex
Spencer Ellery W
Herbert Roy
Vanderhook John F
3552 Hardman Robt C ◎
3555 Rennels V Rose Mrs ◎
SE 36th av intersects
3603 Peterson Jennie E Mrs
3608 Brogan Betsy T Mrs ◎
3611 Yeoman Saml A ◎
3614 Stupp Jess L ◎
3619 Waber Frank W
3620 Allen Sophie L Mrs ◎
3627 Farley M chiropodist
3628 Tennant Belle ◎
3632 Rooney Leo P ◎
3633 Hawes Emily I Mrs ◎
3640 Davis David ◎
3643 Miler Louise Mrs ◎
3651 Kelty Lloyd H ◎
SE 37th av intersects
3704 Anderson Alden W ◎
3708 Albright Chas F ◎
3716 Emerson Harry
3717 Timmons Byard A ◎
3723 Anderson Oscar O ◎
3724 Weaver Ruhamah Mrs ◎
3731 Toole Wm S ◎
3739 Bridgford Mary A Mrs ◎
3740 James Otis O ◎
3746 Sherlock Harry W
3747 Cheeseman Rebecca Mrs ◎
SE 38th av intersects
3817 Bigelow Albert L ◎
3819 Brewster Oliver M
3822 Lindberg Marie Mrs
3823 Golladay Edw E ◎
3829 Runciman Alex ◎
3843 Erickson Chas D
SE 39th av intersects
SE Peacock la intersects
Unopened to SE 42d av
4101 McEwen Hiram E
4107 Evans Wm ◎
4107A Culley Alvin T
SE 42d av intersects
4215 Peterson Milo ◎
4221 Otto Adheld A
4224 Booth Alex ◎
4233 Hughes Judson R ◎
4234 Clemmens Edna ◎
4242 Sheriff Herbert T ◎
4253 Sullivan Walter E
4254 Snow Virgil B ◎
4272 Chamberlin Ethel B Mrs ◎
SE 43d av intersects
4305 Zahn Wm ◎
4306 Lovin John M ◎ bldg contr
4316 Trent Chas E
4317 Stocker Orrin G ◎
4327 Rooney Thos F ◎
4329 Taylor John P
4405 Gish Rolla E
4410 Horton Ronald L ◎
4411 Morell Jas H ◎
SE 45th av intersects
Unopened to SE 52d av
5205 Halley Jas P ◎
SE 53d av intersects
5304 Hibbard Earl H
5327 Bailey Thos H
5335 Wickersham Cecil O ◎
SE 54th av intersects
5413 Puls Harry T
SE 55th av intersects
Unopened to SE 74th av
7404 Faber Nicholas ◎
7405 Fairfowl Wm B ◎
7422 McCord Grace E Mrs ◎
7425 Fitzwater Jos E
7501 Duffy Cath Mrs ◎
7523 Barrell Carrie M Mrs ◎
SE 76th av intersects
7604 Hess Sarah C Mrs ◎
7605 Beckner Claude ◎
7614 Vacant
7621 Piercy Lillian R Mrs
7634 Voge Elvin H ◎
7635 Harrington Oren J ◎
7645 Babcock Richd E
7705 Abranz Jos F ◎
7714 Boge Hannah F Mrs ◎
7730 Hale Arth A ◎
SE 78th av intersects
7822 Haile Danl L
7903 Siner Irene Mrs
7904 Miller Jos A bldg contr
7912 Geary John V ◎
7915 Richards Frank ◎
7936 Loomis Elvira Mrs ◎
SE 80th av intersects
8025 Byland Asa ◎
8045 Worthington Emma Mrs
SE 81st av intersects
8126 Vacant
SE 82d av intersects
8201 Clarke Raymond P
8215 Potter Martin A
8229 LeGault Leota ◎
8306 Wieneke Edw F ◎
8318 Beall Fred L ◎
8341 Jensma John ◎
SE 84th av intersects
8509 Precechtil Adah B Mrs ◎
Drake Rose M Mrs
8520 Dunlap Leon C ◎
SE 86th av intersects
8605 Hurita Emma Mrs ◎
8635 Stepan Jos ◎
8730 Phelps Julius C ◎
NE 88th av intersects
8815 Phillips Edw F ◎
8836 Neurer Theresa E Mrs ◎
8837 Stumpf Andrew A ◎
White Wm E
8921 Cabler Jefferson
SE 90th av intersects
9015 Dalby Wm H
9025 Thompson Alvin F ◎
9105 Kraemer Anton J ◎
SE 92d av ends

WASHINGTON, SW — Fr the river w, intersecting SW Front av at 501
ft Holman Fuel Co auto parking
17 Washington Street Parking auto parking
SW Front av intersects
51-59 Hillsboro Produce Co side entrance
56 Vacant
61 Koffee Kamp restr
62 Vacant
63 New Market Hotel lodgings
65-67 Vacant
66 Chester Hotel lodgings
Yoshii Hisati
68 Deibert Ray M cbtmkr
Norvell Philip H produce
72 Marr Apartments lodgings
Fossum John
80 Beebe Co Inc The side entr
SE 1st av intersects
100 Vacant
106 Berry's Coffee Shop side entr
110 George & Son cutlery and grinding
112 Wittenbecher Herman barber
114 Fern The lodgings
115 Gadsby Wm & Sons furn
116 Connan Chas H sewing mach supp
118-22 Vacant
124 Albert Apartments lodgings
Herity Jas S
126 Little Club Lunch restr
128-30 Vacant
134 Kalesse Art Studio
Nelson Gus real est
138 Bopulos Bros side entr
SW 2d av intersects
200 Star Clothing Co
201 Vacant
206 **Kraemer Building**
Rooms:
201-02 Vacant
203 Nisley Wm O pianos
204-14 Vacant
301 Dennis Uniform Mfg Co
305 vonYette Elsa music tchr
306-12 Vacant
313 Russell Sign Co
314-20 Vacant
401 Dispensers Sanitary Products Co soap mfrs
403-15 Vacant
416 Shaver B A Printing Co

TP	Adjoining	Source
-	✓	R.L. Polk Co., Inc.

YAMHILL ST SE 1935

1914 McDougald Chas A fuel
1915 Logan John ◎
1923 Gruen Henry J ◎
1933 Fleming Russell J
NE 20th av, NE 21st av intersect
2104 Manchester Homer B ◎
2112 Condon Flora E Mrs ◎
2124 Linderman Adam H
NE 22d av, NE 23d av intersect
2314 Wiegand John W ◎
2315 Crichton Jas W
NE 24th av intersects
2416 Galbraith David M ◎
NE 25th av, NE 26th av, NE 27th av, NE 28th av, NE 29th av and NE 30th av intersect
3017 Clark Mortimer C Rev
NE 31st av, NE 32d av, NE 32d pl and NE 33d av intersect

WYNDHAM LANE, SW (Highlands)

YALE, N—Fr 7025 N Olin av w N Fiske intersects
4818 Moffett Tevis R ◎
4823 McGlumphy Geo T
4829 Fuqua Ralph B ◎
4830 Waffle Emma E Mrs
4837 Collins Cleophas M ◎
4840 Kirchgraber Paul J
4900 MacGregor Allister A
4922 Swadburgh S Bradley ◎
4928 Brown Oliver J jr
4941 Briggs Dorian D
N Haven intersects
5009 Mihovilovich Tom ◎
5023 Falk Carl R
5129 Ball Heber R
N Hodge intersects
5217 Urich Geo ◎
5227 Colglazier Wm O
5237 Schneider Anna Mrs
5241 Larkin Robt A ◎
N Stanford intersects
5253 Jensen Henrik F ◎
5261 Gladwell Harry O ◎
5267 Moore Chas W ◎
N Portsmouth av intersects
5407 Vacant
5410 Montag John F ◎
5427 Polits Jas W ◎
5428 Albright Henry W
N VanHouten av intersects
5530 Vacant
5608 Hines Henry H ◎
5615 Anderson Earl
5630 Rictor Tom ◎
N Monteith av intersects
5705 Jones Mark E
5717 Seidel Jesse E
5802 Seidel Geo R ◎
5811 Seybert Ella Mrs
5822 TenEyck Lorry A
N McKenna av intersects
5925 Holcomb Wm T
6027 Johnson Lawrence L
N Wall av intersects
6207 Kolding Hans H ◎
6208 Hofstra Jerry
6214 Bagley Victor
6219 Weiss Alex ◎
6220 Boussad Jennie Mrs
6300 Riggs Jas A
6301 Vacant
N Westanna av intersects
6423 Johnson Ernest C
6441 Asfar David H
6452 Busch Arth C
6500 Derr Ronald C
6508 Wood Eliza Mrs ◎
6515 Wakeman Paul C
6516 Manthie Edw A ◎
6524 Welter Peter J
N Macrum av intersects
6621 Perkins Frank
6722 Peterson Raymond J
6727 Tabshy John S ◎
6731 Murray Richd
N Carey blvd intersects

YAMHILL, SE—Fr the river e, 2 s of SE Morrison
ft Raicy Frank W moorage
ft Supple Dock
31 Shaver Forwarding Co
42 Auto Freight Terminal Building side entr
SE Water av intersects
50 Enterprise Planing Mill Co
61 Carver Harold D restr
67 Vacant
SE 1st av intersects
81 Austin Western Road Machinery Co
102-22 Starr Fruit Products Co fruit canners whse
105 Starr Fruit Products Co fruit canners
SE 2d av, SE 3d av, SE Union av, SE Grand av and SE 6th av intersect
630 **Lambrook Apartments**
Apartments:
2 Hutson Thos E
3 Gullickson Oscar
4 O'Connell Michl J
5 Elliott Leona M Mrs
6 Eshom Harry
7 Vacant
8 Richner Geo
9 Nelson Lloyd
10 Leine Harry H
11 Fredericks Jessie Mrs
12 Gannon J
14 Barranti Jasper
15 Johnson Carl A
16 Wendlick Jos P
17 Squires Harold D
18 Cordano Eug
19 Bannard Emma L
20 Thompson Wm F
21 Thorsen Paul E
22 Strauthouse Clare
23 Brown Franklin E
24 Archie Leon R
25 Kelsey Bernice
26 Wilhite Vivian F
27 Heath Floyd
28 Dunham Clyde
29 Swanson Sam
30 Byrd Hicks F
31-32 Couch Edw J
33-34 Holmes Oscar H
35 Walsh Kathryn Mrs
36 Brehaut Grace Mrs
37 Miller J E
38 Vacant
39 Juhls Jos
40 Wiltgen Ann Mrs
41 Rowe J A
42 Johnson W S
43 Brown Sam
44 Case R A
45-46 Vacant
47 Scroggins Dorcy
48 Davis Frances Mrs
49 Vacant
50 Larson Geo L
51 Vacant
52 Arthur Geo
53 McGowan Felix
54-55 Vacant
56 Bass Wm
57 McGrew Clifford L
58 Richards Al
59 Sohrweid Elmer
60 Dugan Leo
61 Nash Anna Mrs
62 Moffet Ernest L
63 Rimmer Floyd E
SE 7th av intersects
711 Central Packing Co auto reprs
721 Mantle Lamp Co of America Inc
SE 8th av, SE 9th av intersect Unopened to SE 12th av
1222 Becker Estelle Mrs
1223 Jess Herbert W
1225 Atchley Wm W
1227 BeQueaith Wm H ◎
1235 **Sauvie Apartments**
Apartments:
1 Jordan Naum P ◎
2 Jordan Marie Mrs ◎
3 Allen Harry R
Nelson Clyde
4 Vacant
5 Williamson Vivian
6 Schul Melvin
7 Dobbins Marvin D
8 Vacant
9 Arnold Wm L
Street continued
1236 Maney J Francis
SE 13th av intersects
1311 Douglas John J
1318 Block Oma Mrs
1325 Vacant
SE 14th av intersects Unopened to SE 20th av
2020 Winkelman Ernest F ◎ tlr
2026 Vacant
2031 Mann John R ◎
2039 Eivers Wm L
2045 Hoff Hans P ◎
SE 21st av intersects
2101 Sandrock Adolph F ◎
2104 Cooper Sarah E Mrs
2106 Cook Ethel Mrs ◎ nurse
2107 Anderson J Chas ◎
2112 Kreis Mattie Mrs
2115 Kiger Emma L Mrs
2116 McLean Verne A
2124 Koeppe Gustave
2125 Wiebusch Myrtle Mrs ◎
2131 Tonsing Arth F
2134 Willimont Leonard
2137 Tonsing Theo G ◎
2147 Stimpson Arth J ◎
SE 22d av intersects
2203 Browning Alma C Mrs
2213 Dow Hattie E Mrs ◎
2220 Meier Rose K Mrs ◎
SE 23d av intersects
2305 Bewley Anna R Mrs ◎
2322 Vacant
2323 Kurtichanof Leonard E ◎
2328 Leidigkeit Helene Mrs
2331 Fancher Lucius B ◎
2332 Caramanica Pasqua Mrs ◎
2338 Wilson Bertha J Mrs
2339 Shupp Jean M music tchr
2343 Duryea Chester B
Duryea M P Mrs nurse
2345 Sather E D chiropractor
2348 Vacant
2353 Kerr Wm A ◎
2406 Howard Eliz R Mrs
Stratton Golda E Mrs
2414 Johnson Myron R
2422 Brown Clarence A
2424 Cowgill Wm D
2425 Hafner Rudolph A ◎
2428 Quarnstrom Christina Mrs
2429 McKenna Ike
2435 Wilson Walter J
2445 Bain Wm A
2450 Vacant
2451 Townsend Edgar
SE 25th av intersects
2502 Pettingell Elmer E ◎
2503 Hill Jacob C ◎
2508 Mayer Clifford
2509 Hodgkinson Robt W ◎
2516 Bommer Aug ◎
2517 Chartrand Clarence A ◎
2528 Burdin Ella Mrs ◎
SE 26th av intersects
2621 Vacant
2622 Kiser Jos J
2634 Patterson Dorian
SE 27th av intersects
2703 Fabrick Anthony P
2706 Farrer Franklyn W ◎
2707 Faulkner Raymond L
2713 Miller Lizzie E Mrs ◎
2727 Haffner Leon C
2731 Vaughan Nellie E Mrs
SE 28th av intersects
2805 Miller Chester A ◎
2806 Faris Geo B
2813 Gavin Edw G
2814 Summers Bruce W ◎
2823 Faris John N ◎
2824 Pier Stanhope S ◎
2832 Kautz Aug C ◎
2835 Gruber Anna L Mrs ◎
SE 29th av intersects
2904 Bergbom Carl
2912 Vacant
2914 Dunning Jas J
2917 Berg Arne ◎
2921 Coe Albert B
2926 Wolff Carl ◎
2927 Kehres Louise B Mrs
2934 Wilkinson Edw L
2935 Vacant
2942 Douglass A Fred ◎

TP	Adjoining	Source
-	✓	R.L. Polk Co., Inc.

BELMONT 1930

BELMONT—Contd
996 Holmgren A W paints
997 Sunnyside Laundry Co
998 Orth A I & Co dry gds
999 Sunnyside Restaurant
999½ Hughes E W ◎ real est
1000 Kight F M & Sons
Makita J gro
1002 Belmont Barber Shop
Faith's Beauty Shop
1003 Fernwood Dairy
River View Dairy Co Inc
1004 Cottage Bakery
1004½ Vacant
1008½ Vacant
1009 Laurence Alex H jwlr
1010 Pantorium Dye Works
1011 Irvin E L ◎ shoe repr
Sizemore Ray L barber
1011½ **Block Building**
Rooms:
1 Vacant
2 Hubbard E Louise Mrs
3-4 Vacant
5-6 Morgan W L dentist
7 Laux Mae Mrs
9-10 Vacant
11 Owing Ralph R
12 Screitsmeier Harry
Street continued
1012 Belmont Market meats
1013 Supreme Hand Laundry
1014 MacMarr Stores gro
1015 Bumstead Drug Co
E 34th intersects
1020 Cain Al ◎ confr
1020½A Preston Marvin L
1020½B Robison Fred
1021 Economy Drug Stores Inc
1022 MacMarr Stores gro
1025 Sunnyside Bakery
1026 Stalder Eva D Mrs drsmkr
1027 Eiler Albt E tlr
Tribou O N shoe repr
1027½ **Dennison Apartments**
Anthony Kenneth
Keith J B
McBride H W
Moon F F
Shields O A
Apartments:
1 Woodward Nellie Mrs
2 Rieger Louise
3 Zittercobb Leona
Herron Hazel
4 Redmond Laurence R
6 Brandl Francis
7 Vacant
8 Burnham Rol D
9 Armstrong Clarence B
10 Larsen Chas W
11 Vacant
12 Bloomfeldt Louis C
14 Vacant
15 Hamilton Walter D
16 Haynes Alfd E
Street continued
1028 Akers Jack F
1029½ **Sunnymont Apartments**
Apartments:
1 Rivers Louis N
2 Fitzpatrick Edw J
3 Nickols Wm G
4 Shelton Claude T
5 Luecke F Gilbert
6 Seymour Edwin
7 Allen Frank E
8 Fleming Forrest
9 Rich Walter W
10 Brown Clem
11 Guthrie Geo W
12 Pitts Jos R
14 Harrison Marcus V
15 Foker Geo H
16 Vacant

Sunnymont Apts—Contd
17 Norton Edgar R
18 Gustafson Helge
Street continued
1034 Burnham O C garage
1035 Parsons Richd T
1037 Heuer Harry W ◎
1038 Pollitt Steph plmbr
Ach Wm produce
1039 Staub H H real est
Sunnyside Barber Shop
1040 White Nellie F Mrs ◎
Turnham Wm B
1041 Vacant
1042 McFarland Frank J
1043 Joy The Tailor
1045 Sunnyside Sweet Shop
1047 Snook & Whealdon ◎
E 35th intersects
1051 Chris' Service Station
1056 Premo Ray A
1057 Sullivan John T ◎ gro
1058 Vacant
1059 Smuin Roland
1060 Sunnyside Gazette
Lee Chas W
1061 Bumstead Stella Mrs◎
1061½ Hesse Richd C
1067 Long Jenerous A
1069 Haettinger Clara ◎
1070 Hamilton Anna M ◎
1071 Vacant
1072 Lorenz Margt ◎
1073 Kay Julia A Mrs
1074 Smith Harry C
1075 Dufur Mary L Mrs ◎
1076 Wagenaar Peter ◎
1078 Knight Aretus L
1080 Tate Robt
1082 Vacant
1084 Gardner Jos C
1085 Worden M W Mrs◎
1086 Morris Geo G ◎
1087 Wolfe Pearl Mrs
1088 Rees Raful R baker
1088A Baer Chris E ◎
1088B Vacant
1089 McPherson Jos E
1090 Hillcrest The
1091 Hereford Earl R
1092 Hill W W & Sons ◎
gro and meats
1093 Fehrenbacher Wm ◎
E 37th intersects
1100 Sunnyside Emporium
dry gds
1101 Sunnyside Cash Grocery
1101½ Rilance Isaac M
1102 Hazel's Beauty Shop
Petrequin Jos C
1103 Absher Albt
1104 Pogue Ralph M ◎
1105 Abraham Carl
1106 Conn Elmer ◎
1107 Holgate Clinton P ◎
1108 Josse Chas P
Josse Florence E Mrs
music tchr
1109 Vacant
1110 Hummel W Mrs ◎
1111 Mann Clara L Mrs ◎
1113 Worth Leona H Mrs
1115 Bates Allen T ◎
1121 Douglas Geo A contr
E 38th intersects
1131 Clow V E ◎ real est
1132 Sherban Nick ◎
1134 Bates Sara F
Stewart Kath Mrs
1135 E & M Products Co
1136 Coffey Earl ◎
1137 Vaughan B L Mrs clnr
1138 Sundt Walter
1139 Miller Ernest O ◎
chiropractor
Laurelhurst Barber Shop
1140 McDowell B Mrs
1142 Mapes Minnie D Mrs
music tchr

1144 Milleson Geo W pntr
1145 Halas Bessie Mrs
1145½ Smith Robt G
Kiser Ray G
1147 Carlton Leonora C
1149 Winter Arth H ◎
1151 McKenna Jas P ◎
1151½ Little Barber Shop
1153 Ed's Shoe Repairing
1153½ Beatson Robt
Julian Earl
1155 MacMarr Store gro
E 39th intersects
1160 Vacant
1161 Laurelhurst Pharmacy
1163½ **Balfour Apartments**
Apartments:
1 Bartels John C dentist
2-4 Code John C
3 Tench John
5 Hamlin Frank
6 Ardies Lorena C
7 Miller Dorothy
8 Vacant
9 Stafford Muriel
10 May Lee
11 McLain Lela K Mrs
Street continued
1164 Eberle T Wm◎ barber
1166 **Apartments**
Aho Elva
1 Rhoades Chas W
2 Stapleton J C
3 Schnetzer Louis
5 Vacant
Street continued
1167 Paulson Mabel G Mrs
1167½ Tarzwell H A Mrs
1169 Irvine Bertha E acct
Gatewood Robt M
1170 Bates Horace M
Doyle Edw W
1171 Baker Alvin C ◎
Peacock la intersects
1172 Sanders Frank ◎
1174 Ferguson Clarence A
1176 Brown Thos F ◎
1178 Vacant
1197 Jones Ivah W Mrs gro
1199 Vacant
1200 Vacant
E 40th intersects
1207 Vacant
1208 Alderson Edith ◎
1210 Cherrington Eddy H◎
1212 Shaw Hulda ◎
1216 Vacant
1222 Miller Fred D ◎
1224 Jepsen Josephine ◎
1226 Canzler Paul ◎
E 42d intersects
1239 Kennedy Wade M ◎
1244 Lursen Henry L
1249 Tribou Orsena N ◎
1251 Larry's Garage
1252 Trigstad Truman W
1255 Clifford Wm H gro
1257 Davis & Kelley whse
1258 Greiner's Garage
1259 Kelly C J Co Inc
plmbrs
1259½ Stanfield Wm A
1260 Laurelhurst Cleaners & Dyers
1263 **Lanning Apartments**
Newson Percy
Apartments:
200 Peterson Fred J
201 Vacant
202 Pobochenko Jack J
203 Ledder Thos
204 Blake Lester L
205 Ingram Alma P
206 Saxon Theo F
207 Vacant
300 Vacant
302 Houghton Arch A
303 Bell Henrietta
Weaver Minnie E
304 VanderHook John F

BELMONT 1930

401 Morrison, cor. 10th
15th and Glisan Sts.

BELMONT—Contd
Lanning Apts—Contd
305 Heinrich Wm
306 Vacant
307 Barr Clarence C
Street continued
1265 Vacant
1275 **Adams Apartments**
Apartments:
1 Blackman Howard H
2 Walther Esther P Mrs
Pearson L B
3 Breman Jas E
4 Watkins Geo V
5 Dorsey Robt E
6 Breeding Saml
7 Bartell Martha
8 McInerney Jack L
9 Stone Eliz K Mrs
10 Ohs Eda
11 Pilger Bernard R
12 Vacant
14 Hayworth Saml A
15 Romans Gertrude Mrs
16 Zumwalt J Mrs
Street continued
1277 Jett Mary F Mrs ◎
1278 McKay L Boyd gro
Cox Ida M Mrs ◎
1279 VanOrder Jacob W
E 44th intersects
1281 Greiner Jos J
1282 Bradford Geo A
1286 Melby Henry ◎
1292 Wright Wm Z A ◎
1293 Murphy C C gro
1293½ **Sunlight Apartments**
McCauley John M
Apartments:
1 Bowen Richmond E
2 Vacant
3 Beuchamp Victor
4 Gavin Harry
5 Padrick Wm D
6-9 Vacant
Street continued
1294 Glencoe Barber Shop
Sturtevant Elmer
1294½ Wilson F M dentist
Drew John F phys
1296 Kell Drug Co
E 45th intersects
1300 Vacant
1305 Belmont Fuel Co
1307 Helgemon I ◎ restr
1309 Oregon Fluff Rug Co
Shield Bertram
1310 Vacant
1311 Vacant
1314 Vacant
1315 Shaw Harold G meats
Hoisington Wm G gro
E 46th intersects
1316 Siegfried Marie hemstitching
Glencoe Beauty Shop
Embody Martha Mrs
1318 Gray Alex K
1320 Moody Andrew D
house mover
1326 Roberts Martin L ◎
1326½ Cromer Rose Mrs
1332 Alexander Julius H ◎
Wilson Floyd E
E 47th intersects
1335 Vacant
1336 Funnell W M barber
1336½ Dana Philip R
1337 Rohde M F shoe repr
1338 Storns Richd L
1339 Vacant
1341 Vacant
1342 Wiese F John ◎
Riopelle Mathias C
1343 Vacant
1345 Ellison Geo C gro
1350 Lieuallen Jas T
E 48th intersects
1361 Glencoe Florists
E 49th intersects
1390 Jaeckel Carl O
1392 Birchler Henry ◎
E 50th intersects
E 52d intersects
1421 Freund Fred H Rev
1431 Lamson Justus G E
1435 Morrow Jas W ◎
E 53d intersects
1441 Douty Fred A
1460 Darling Roy J ◎
E 54th intersects
1470 Beard John W Rev
nw cor Mt Tabor Presbyterian Church
E 55th intersects
1490 Pacific Telephone & Telegraph Bldg br
1497 Watt Donald M
1500 Lewis Harry H
1501 Bigelow Frank P
1506 Oliver Chas E ◎
1508 Koon Lemuel M ◎
1509 Latham Leonard H
1512 Beck Sydney A ◎
1515 Bocan Mary A Mrs ◎
Abbott Masters
Strever Jay N
Carpenter J Fred
1516 Harris Guy M ◎
1520 Mowry Frank L ◎
1522 Olsen Lettie L Mrs ◎
1528 Roberts Wm
Proper Benj R
1532 Newton Mattie Mrs
McEachran Ruth Mrs
1534 Morgan Delbert A
1536 Wurster Ralph E
1538 Shields Harriet Mrs
Califf Ruth
E 58th intersects
1547 Butterfield Saml C
Barber Harlow C
1551 Nelson Walter A ◎
1553 Burdick Wm E ◎
1556 Fenton C R
1557 Robbins Elmer ◎
1570 Gale Harry
1572 McCoy Harry A
1574 Henrich Fredk W ◎
1576 Webster Eliz E Mrs
E 60th intersects
1597 Mt Tabor Beauty Shoppe
1599-1601 Stevenson J E gro
1599½ Nelson Leslie M
Stipe Myrtle Mrs
E 61st intersects
1603 Amhurst Pharmacy
1605 **Amhurst Apartments**
Lindley Chas
Apartments:
102-4 McPike Darte C
106 Znik Robt
108 Smith Florence
Nelson Adriana
201 Graham Grace
Pritchard Faye
202 Geiger Freda
203 Smith Chas
204 Yount Myrtle
205 Dasher Vera
207 Vacant
208 McPike Ella S Mrs
301 Graham Donald
302 McLean Robt
303 Keyser Chas
304 Oldham Dorothy
305 Weaver Alice E
306 McAbee Lewis
307 Burg Wm
308 Weber Chas J
Street continued
1622 Grenfell W H ◎
E 62d intersects
1628 Lundell Carl H ◎
1629 Mann Elbert A
1637 Middleton A M Mrs ◎
1640 Barthrop Edw B ◎
Terrace intersects
1717 Vacant
1718 Vacant
E 67th intersects
1750 Steele Elmer T
E 68th intersects
1770 Donahue J H
1771 Bain Warren C
1773 Larsen Geo
1773½ Nicholson Jos K
1774 Schroeder Jacob W ◎
1775 Cox Wm H
Rupp John gro
Rupp John C meats
1783 Vacant
1784 Harrington Roy confr and barber
E 69th intersects
1790 MacMarr Stores gro
1792 Vacant
1796 Vacant
1797 Lindquist Ragnar
1798 Swensen Robt R ◎
1799 Harbke Robt A
1800 Lake Horace H ◎
1803 Taylor Burnside W ◎

BENNINGTON DRIVE
(Arlington Heights)
Fairview blvd intersects
220 Tuley Clarence M
230 Stearns Irving R ◎
234 Spackman Chas R ◎
238 Knight J Henry ◎
250 Johnson Ernest E ◎
258 Kupper Frank J ◎
262 Fenton P R Mrs ◎
266 Olsson Alex P
278 Eaves David A
290 Webster V V Mrs ◎
Alfano Frank
292 Coleman Walter J ◎

BENTON—Fr Hassalo to Hancock, 3 e of river
Williams av intersects
268 Marks Walter W
270 Tanida H ◎
275 Tsuboi Teruno
280 Smith Frank
Clackamas intersects
282 Bean Jas R ◎
283 Vacant
285 **Apartments**
A Ede Ollie E
B Thompson Thos E
Street continued
290 Nelson Emil G ◎
291 Day Michl J
293 Olson Harry R
294 Hughes Frank B ◎
Hayes Harry J ◎
295 Vacant
Halsey intersects
300 Rometsch John ◎
304 Dewey Henry W ◎
306 Dewey Jas F ◎
307 Buckman Ernest
309 Jones Jas W
310 **Benington Court Apartments**
Aparments:
1 Davison Henry O
2 Marshall John
3 Higgins Edmond H
4 Vacant
5 Marshall Vernon J
6 Jones Ruth
7 Rifer Grace Mrs
8 Murphy Jas C
9 Sutherland Orville
10 Henshaw Helen Mrs
McMillen intersects
326 Ding Wing ◎
327 Vacant
328 Borquist Chas B ◎
329 Slaughterback Jacob ◎
Cherry intersects
342 Purdis C

TP	Adjoining	Source
-	✓	R.L. Polk Co., Inc.

BELMONT 1930

BELMONT—Contd
590 Bloy John
E 15th intersects
600 Ripke Wm F
601 Corcoran Thos
603 Vacant
604 Vacant
605 McCann Lillian Mrs
606 Vacant
607 Romig Chester M
608 VanderVoort W A
VanderVoort M E Mrs
medical uniforms
609 Dufur Andrew B
615 Mather Alvin J
E 16th intersects
620 Rhine Adeline Mrs ⊙
621 **Pembrooke Apartments**
Apartments:
101 Leahy Della
102 Kruse Fred
103 Wright Herbert R
104 Garrison Virgil W
201 Hynes Pauline
202 Murray Edwin K
203 Shortley Margt L
204 Fiske Betty Mrs
205 Vacant
206 Westerberg Alfd W
301 Woods Forrest W
302 Ridehalgh Walter W
303 Wetteland Theo
304 Snow Mark M
305 Korniek Sarah Mrs
306 Troester Harry L
Street continued
626 Lehnherr Frank
629 Neelands H John
Tyson Alfd
630 Richardson Geo W
631 Michel Rudolph A
E 17th intersects
640 Younger Walter G
642 Reed Ole E
644 Vacant
646 Stanard Mason E ⊙
648 Duthie John ⊙
650 Jones Wm T
651 Scoggin J B
652 Market Jos ⊙
E 18th intersects
655 Stearns David S ⊙
660 Swiggum Knute
664 Toombs Byron E
668 Garman Chas
669 McQuinn Carrie C Mrs
669½ Cornelius Eber L
670 Decker Maude V Mrs
671 Wiedeman Otto A
671½ Wild R Steve
672 Sites Alpheus E
E 19th intersects
695 Belmont Service Station
E 20th intersects
701 Bert Hall Service Station
713 Mackler Emma Mrs
714 Belmont Sheet Metal Works
718 Woodhouse Chas G
719 Beldin Fred G
725 Niklas Fred ⊙
726 McHenry D H Mrs ⊙
728 Vacant
730 Vacant
734 Kimball Geo F
736 Wellington Raymond
742 Dowling Eug H ⊙
744 Steinkellner Hans
746 DuRie Ray E
747 Vacant
748 Pullen Arth L ⊙
749 Guy Luther N ⊙
Mebus Jack
755 Philpott Ray A
Bailey S Watson submarine diver
Bailey Bella P furrier
E 23d intersects
769 Vacant
771 Hogue Matilda Mrs
772 Vacant
773 Vacant
775 Vacant
776 Killies Chas ⊙
780 Newell John P &
Sons pntrs
781 Bird John P ⊙
784 Hickson Saml M ⊙
bldg contr
787 Gullette Fred
790 Vacant
791 Vacant
792 Mensing Ernest E
793 Scrogin Leo C ⊙ pntr
794 McDonnell Lee E
797 Frazier B M drsmkr
798 Sunny Spot Confectionery
798½ Vacant
800 Stedman Wm R
E 25th intersects
806 Vacant
808 Dillon John J
809 Oubran Jos
Knight Geo V
810 Vacant
811 Dickinson John W gro
815 Waite Harry A
815½ Pullon Russell C
816 Sunnyside Joy Well Service Station
819 Thompson Harry B
E 26th intersects
828-30 Davis Harry F gro
828½ Davis Harry F
829 Vacant
830½ Urquhart Don
835 Johnnie's Super-Service Station
E 27th intersects
843-45 Greene's Furniture Hospital
843½ Ponnay Cora A Mrs⊙
844 Brady Thos F ⊙ contr
845½ Vacant
846 Barton Georgia Mrs ⊙
847 Hoffman W F A ⊙
848 Gilhousen Ernest D ⊙
850 Martin Walter K ⊙
E 28th intersects
860 Calbreath J F ⊙ phys
Calbreath Music Studio
870 Laird Betha
872 Moore Oliver M ⊙
873 **Belvedere Apartments**
Parsons Miriam M
Amacher John P
Crawford R Valentine
Apartments:
102 Sprague Chas
103 Schroeder Leo V
104 McCracken Chas
106 Allhands Frank H
107 Thirley Jeane
108 Bobb Harry H
109 Wheeler Harold
201 Hall Arth M
202 Hilber Philip M
204 Jones Helen M
206 Kelsey Albt E
207 Lawson David W
208 Patten Arth D
209 Barker Willis H
210 Stroud Evelyn
301 Coburn Earl G
302 Henry Minnie E
303 Lundberg John M
304 Porter Madeline
306 Funk Kathryn E
307 Gollehur Lynn B
309 Lee Preston M
310 Webster Owenie M
E 29th intersects
879 Schweitzer E Carrie
880 Corgan H G gro
880½ **Belmont Apartments**
Apartments:
1 Moon Percival S
2 Vacant
Belmont Apts—Contd
3 Mays Bert F
4-6 Godsey Ora ⊙
7 Miller Earl
8 Vacant
9 Powell Kathleen
10 Vacant
11 Bailer Carl J
12 Lakness Arth J
14-15 Vacant
16 Muff Albt
Street continued
881 Francisco Jos
882 Belmont Pharmacy
884 Gillet Louise Mrs
884½ McCoy Ernest R
886 Miller Loa Mrs
886½ Sewall Howard S
891 Johnson Lars carp
893-95 Stanley Apartments
Johnston Wilfred M
Chambers Jack
Smith Henry C
900 Weber's Garage
905 Roenicke Pauline Mrs
E 30th intersects
910 Somner John J baker
Sanner Edgar A gro
911 Tollber Floyd A
913½ Kinser Geo E
914 Pierce Hardwood Floor Co
Pierce Fred A
915 Love Frank B
Shields Otis A
915½ Gentry Paul M
916 Vacant
917 Hunsucker Robt D
917½ Smith Walton B
920 Kayben C B Mrs ⊙
921 Garriott Shelby W
922 Davis David ⊙
923 Belmont Cleaners
924 Johnstone C L Mrs
electro therapy
925 Vacant
E 31st intersects
927 Ward Richd E ⊙
929 Fay L D ⊙
931 Kent Carrie L Mrs
936 Mackay Faith Mrs
939 Linnton Aug W ⊙
940 Kingsley M R ⊙
942 Thom Arleigh E ⊙
943 Davis Belle
945 Campbell Nancy Mrs
946 Galloway Thad F ⊙
947 Bird Guy K ⊙
948 Herner Peter G ⊙
950 Pratt Russell L
951 White Leona Mrs
952 Sawtell Gift Box The
953 Peter Pan Beauty Salon
957 Peter Pan Grocery
E 32d intersects
963 Vacant
966 Arndt Jos
967 Veach Perry T
969 Wheatley Lucy Mrs ⊙
971 Denby Transfer Co
972 Hicks John F G
978 Taylor Edith Mrs
979 Libby L Herbert ⊙
Powers Richd J
980 McBride Robt L ⊙
985 Sunnyside Hardware & Paint Co
E 33d intersects
990 Raimer M H shoe repr
990½ **Apartments**
Korstad Mabel Mrs
1-2 Vacant
3 Wangsmo Peter
4 Miller Chas M
Street continued
991 Binder Jos ⊙
992 Jones Second Hand Store
994 Cosby Marion W plmbr

Modera Morrison
1120 SE Morrison Street
Portland, OR 97214

Inquiry Number: 5588209.3
March 12, 2019

Certified Sanborn® Map Report

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Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

03/12/19

Site Name:

Modera Morrison
1120 SE Morrison Street
Portland, OR 97214
EDR Inquiry # 5588209.3

Client Name:

GeoDesign Inc.
9450 SW Commerce Circle Suite 300
Wilsonville, OR 97070
Contact: Krysta Krippaehne

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Project MillCreek-19-01-01

Maps Provided:

1969
1950
1924
1909
1901
1889

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Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

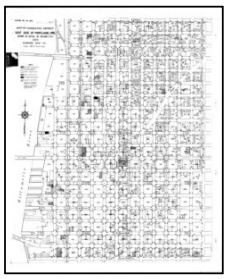
1969 Source Sheets

Volume 7, Sheet 729
1969

Volume 7, Sheet 715
1969

Volume 7, Sheet 716
1969

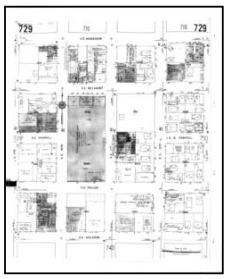
1950 Source Sheets



Volume 7, Sheet xxxx
1950

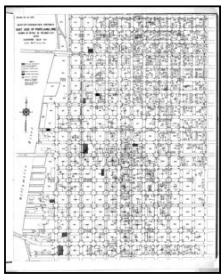
Volume 7, Sheet 715
1950

Volume 7, Sheet 716
1950



Volume 7, Sheet 729
1950

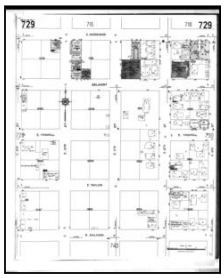
1924 Source Sheets



Volume 7, Sheet xxxx
1924

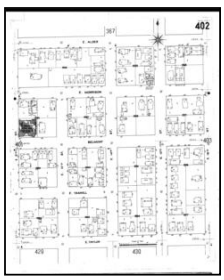
Volume 7, Sheet 715
1924

Volume 7, Sheet 716
1924



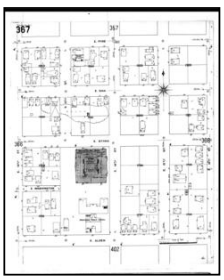
Volume 7, Sheet 729
1924

1909 Source Sheets

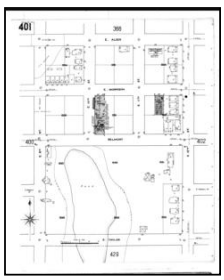


Volume 4, Sheet 402
1909

Volume 4, Sheet 366
1909



Volume 4, Sheet 367
1909



Volume 4, Sheet 401
1909

Sanborn Sheet Key

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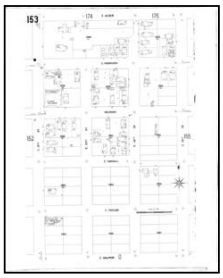
1901 Source Sheets

Volume 2, Sheet 152
1901



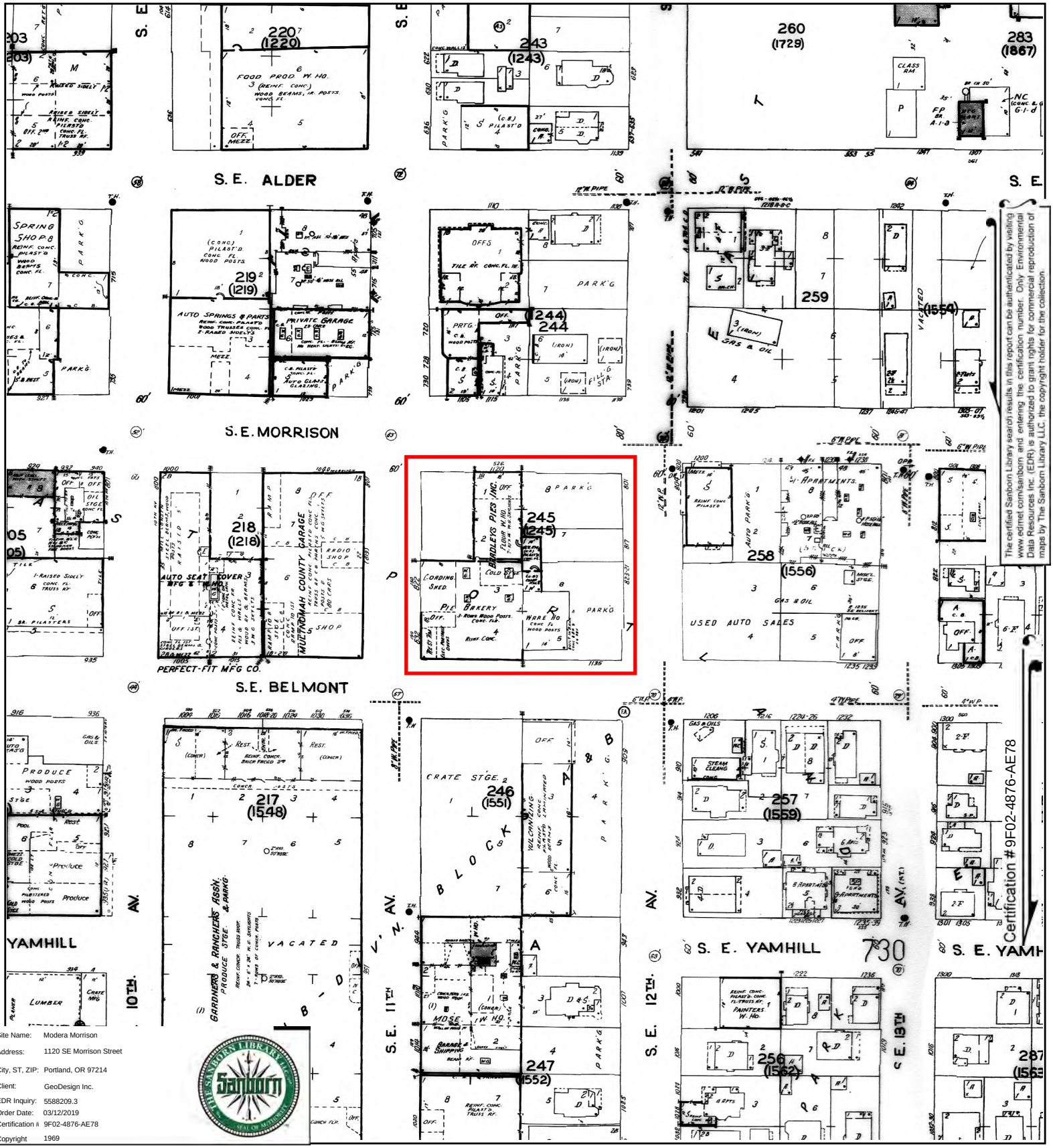
Volume 2, Sheet 153
1901

Volume 2, Sheet 174
1901

1889 Source Sheets

Volume 2, Sheet 10
1889

Volume 2, Sheet 10
1889



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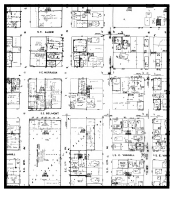

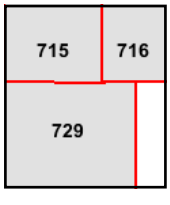

Volume 7, Sheet 716
Volume 7, Sheet 715
Volume 7, Sheet 729

N

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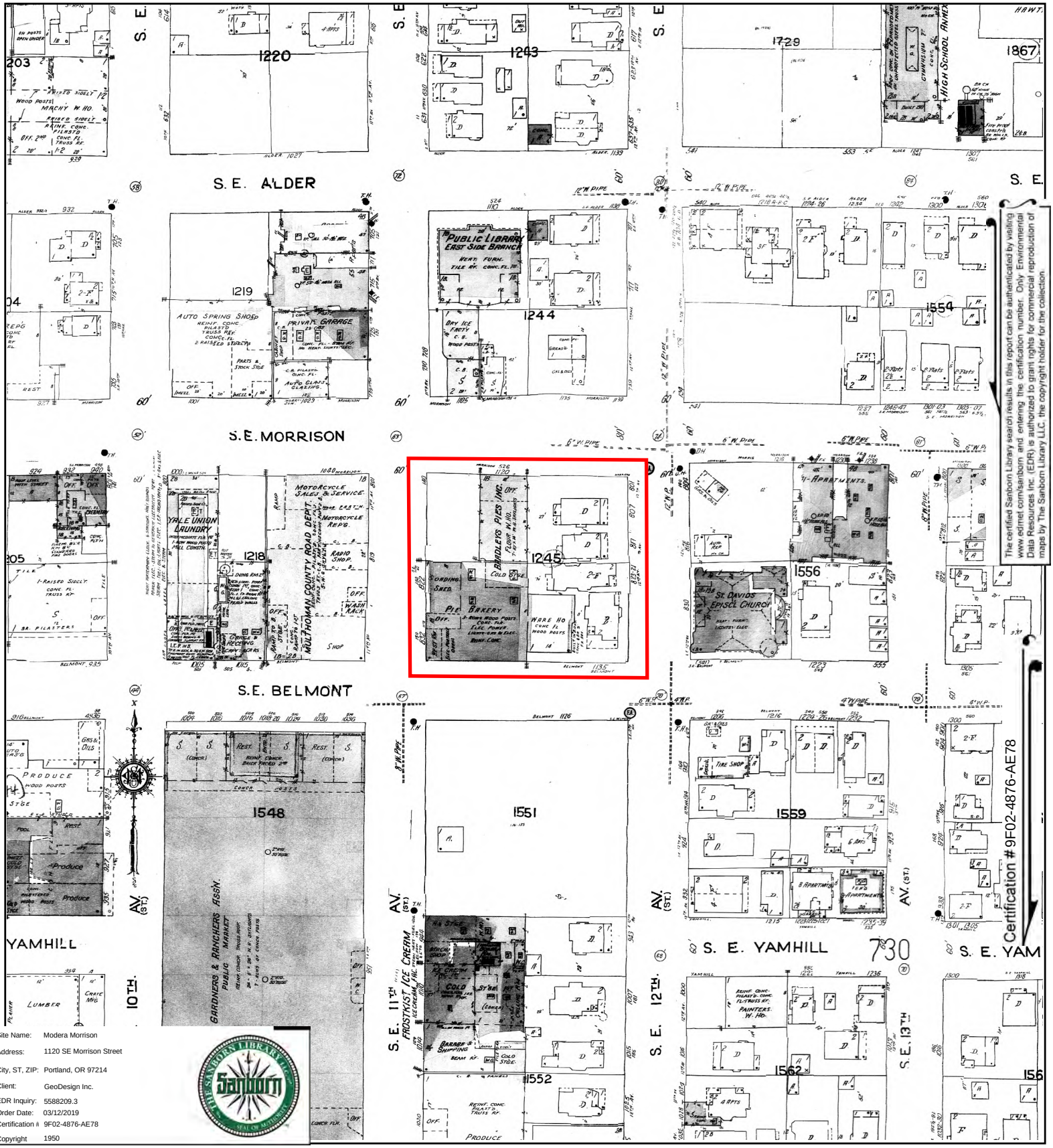
1950



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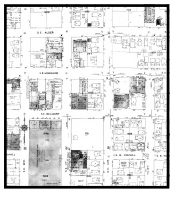
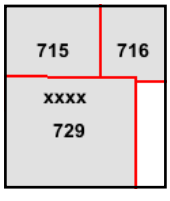


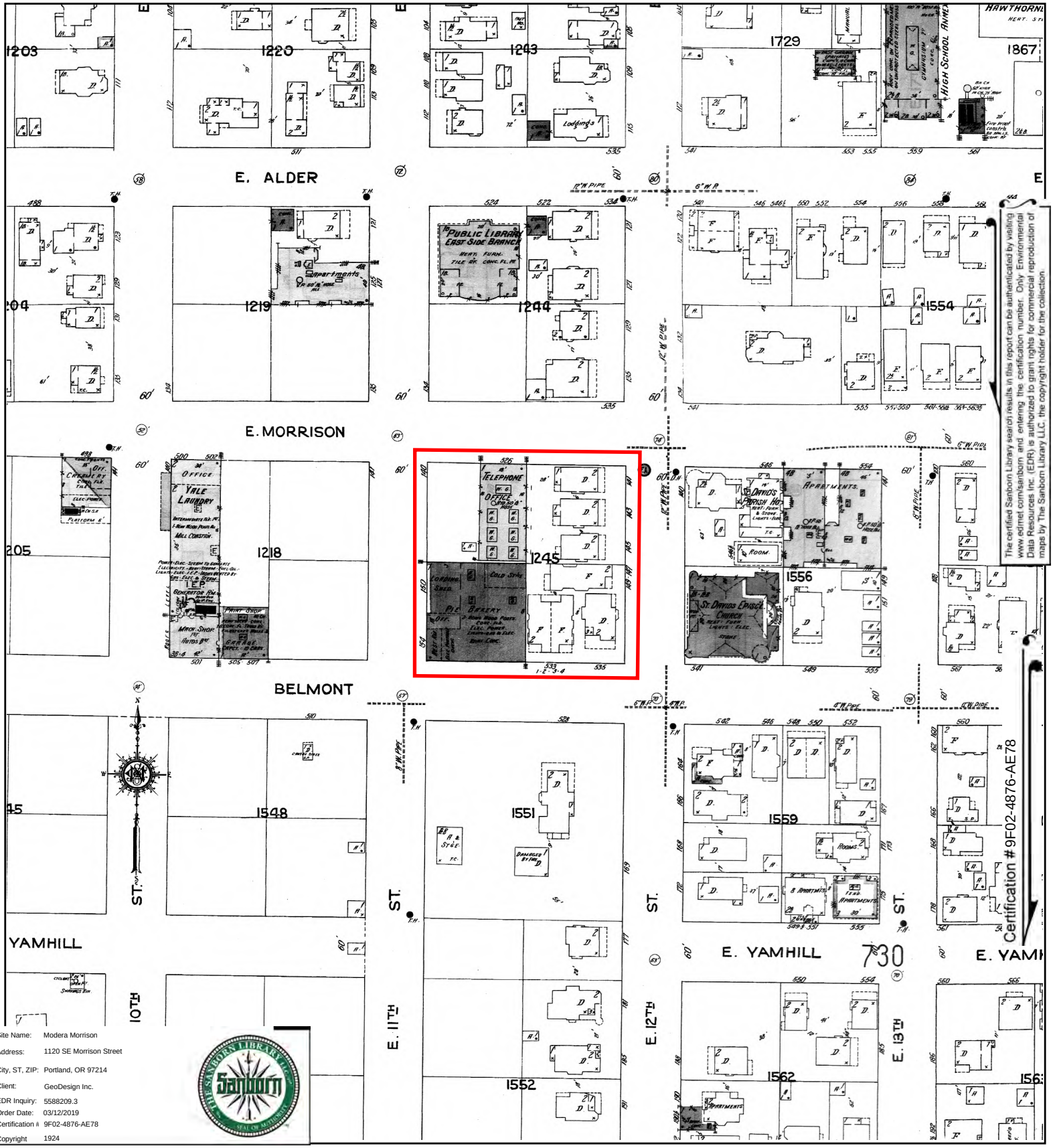


Volume 7, Sheet 729
Volume 7, Sheet 716
Volume 7, Sheet 715
Volume 7, Sheet xxxx

N

Certified Sanborn® Map

1924



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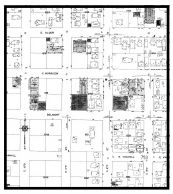

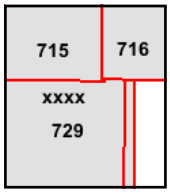

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Volume 7, Sheet 716
Volume 7, Sheet 715
Volume 7, Sheet xxxx

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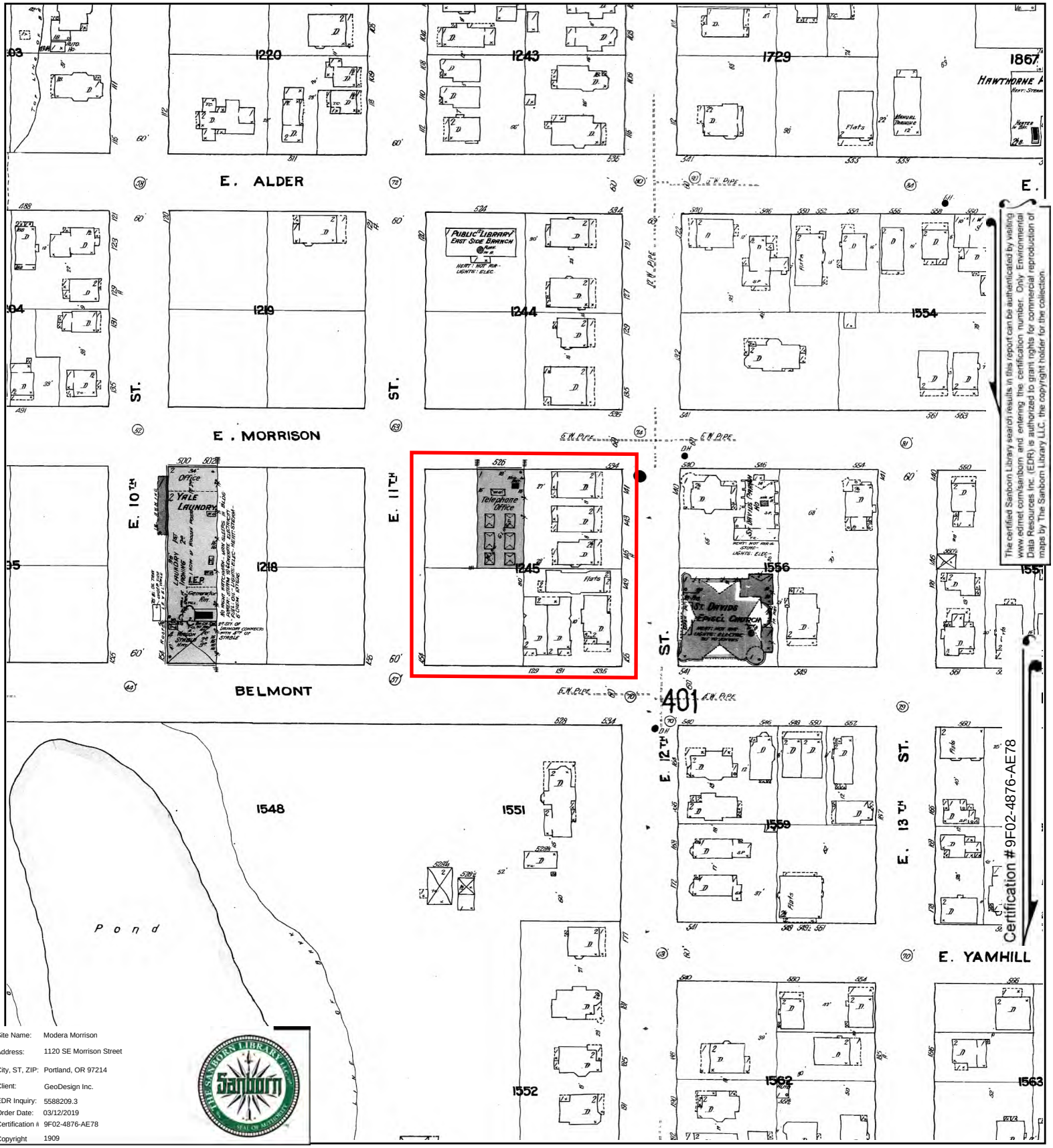

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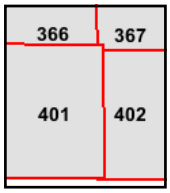
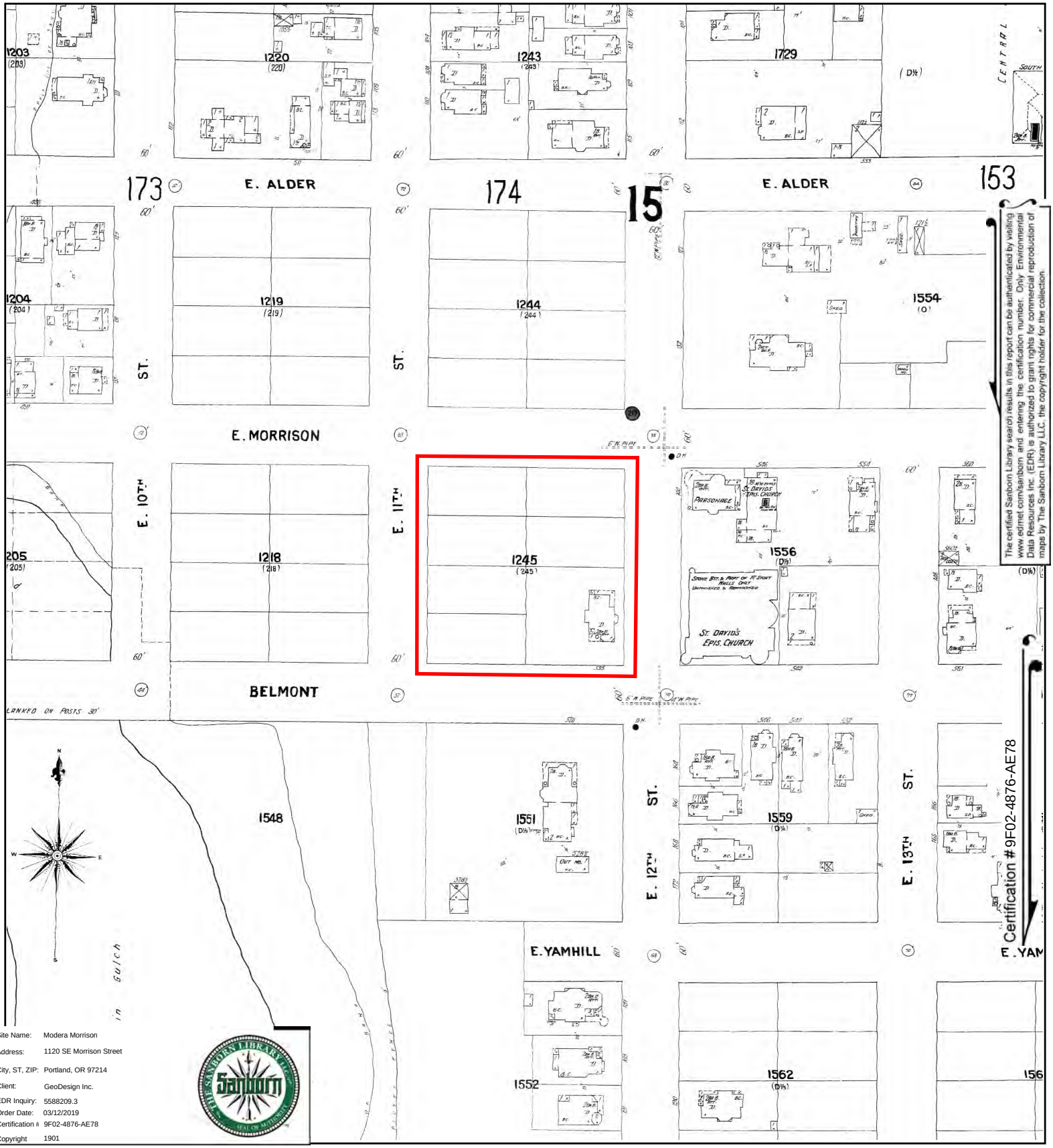


Volume 4, Sheet 401
Volume 4, Sheet 367
Volume 4, Sheet 366
Volume 4, Sheet 402

N



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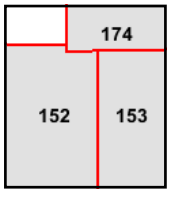

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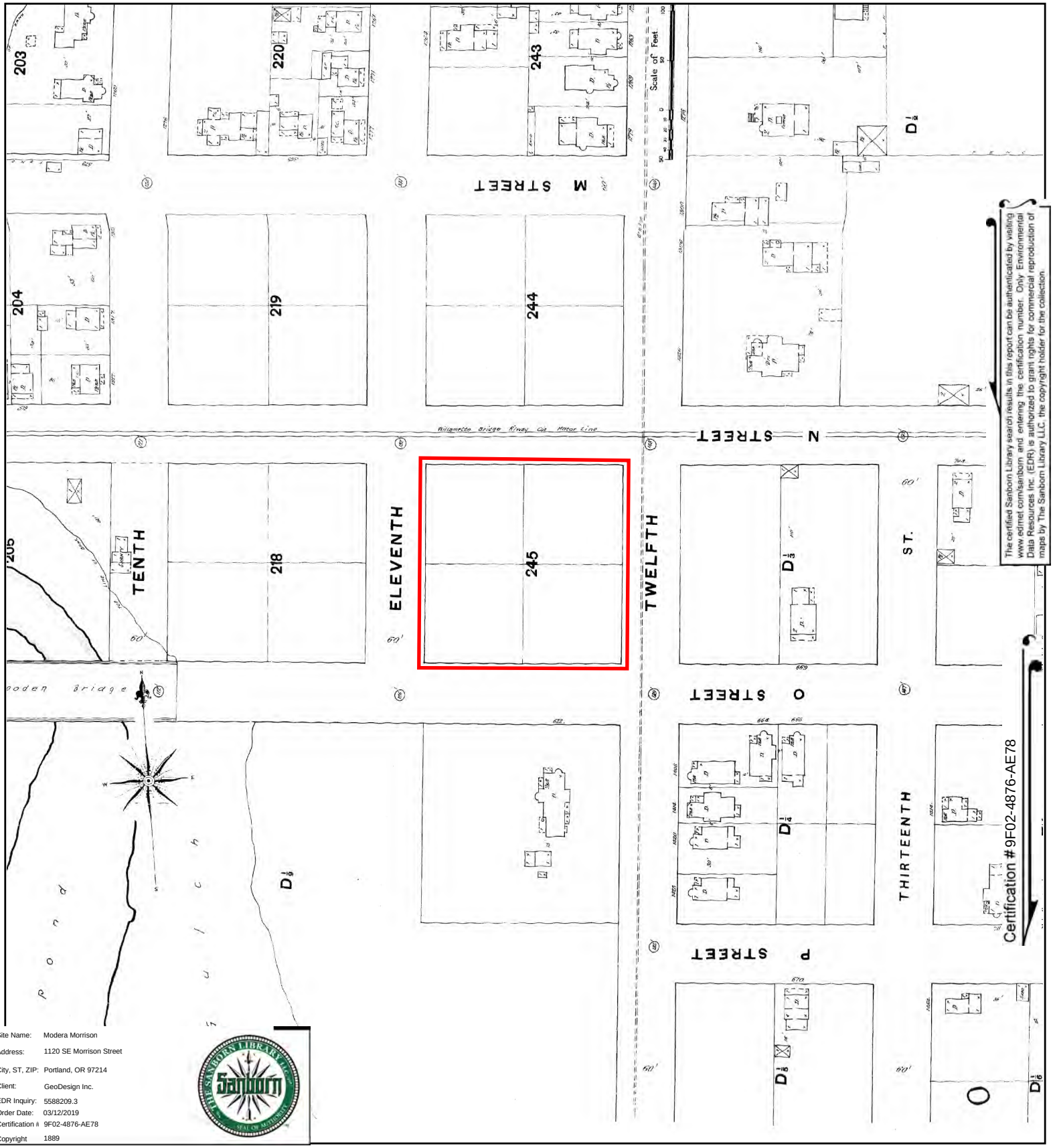
Volume 2, Sheet 153
Volume 2, Sheet 152

0 Feet 150 300 600

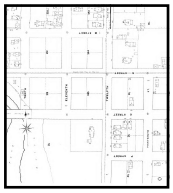
N

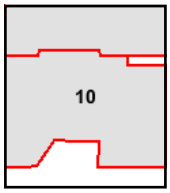


Site Name:	Modera Morrison
Address:	1120 SE Morrison Street
City, ST, ZIP:	Portland, OR 97214
Client:	GeoDesign Inc.
EDR Inquiry:	5588209.3
Order Date:	03/12/2019
Certification #	9F02-4876-AE78
Copyright	1889

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600





Volume 2, Sheet 10
Volume 2, Sheet 10

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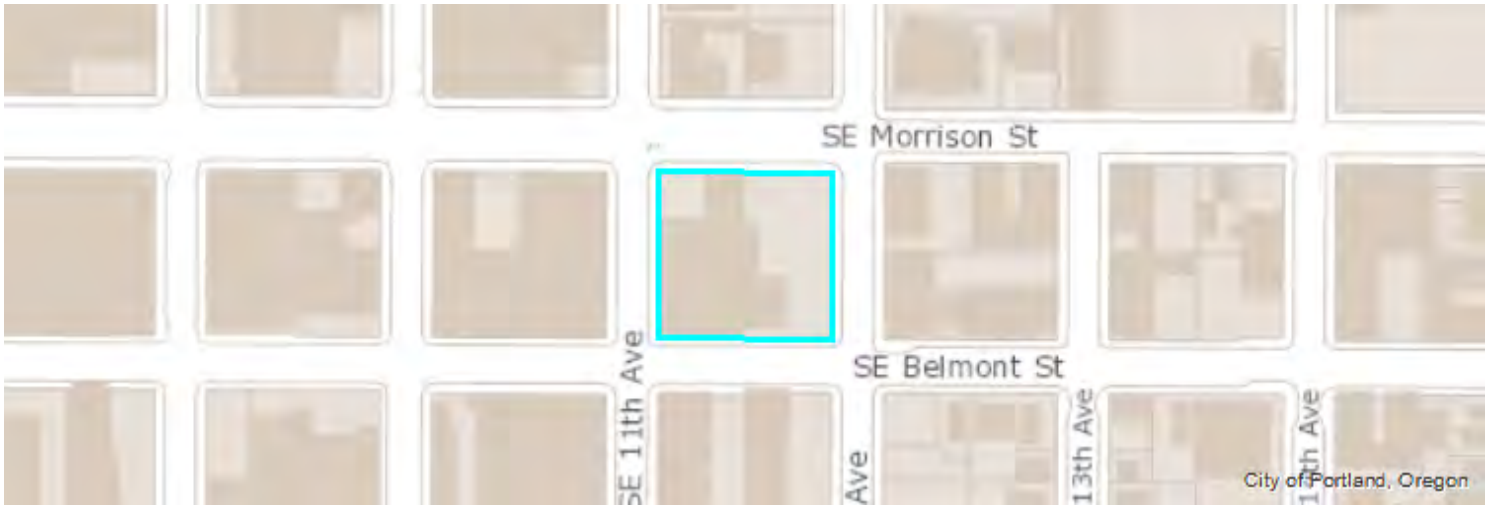


1120 SE MORRISON ST

PORTLAND, OR 97214

PROPERTY

Year Built	1906
Description	WAREHOUSE
Building Area	19,593 sq ft
Neighborhood	BUCKMAN COMMUNITY ASSOCIATION
Jurisdiction	Portland / Multnomah
Zoning	EX - Central Employment
Elevation	68 ft (approximate)
Owner	CAMPF PROPERTIES LTD PARTNERSHIP &
Owner Address	1120 SE MORRISON ST PORTLAND, OR 97214
Frontage Photo	
Related Accounts	▼

For more information about data updates or discrepancies, please contact Multnomah County Assessment, Recording & Taxation at (503) 988-3326 or dartcs@multco.us.

Assessor

Last Sale

Price	$0.00
Date	01/01/1900

Property Values (2017)

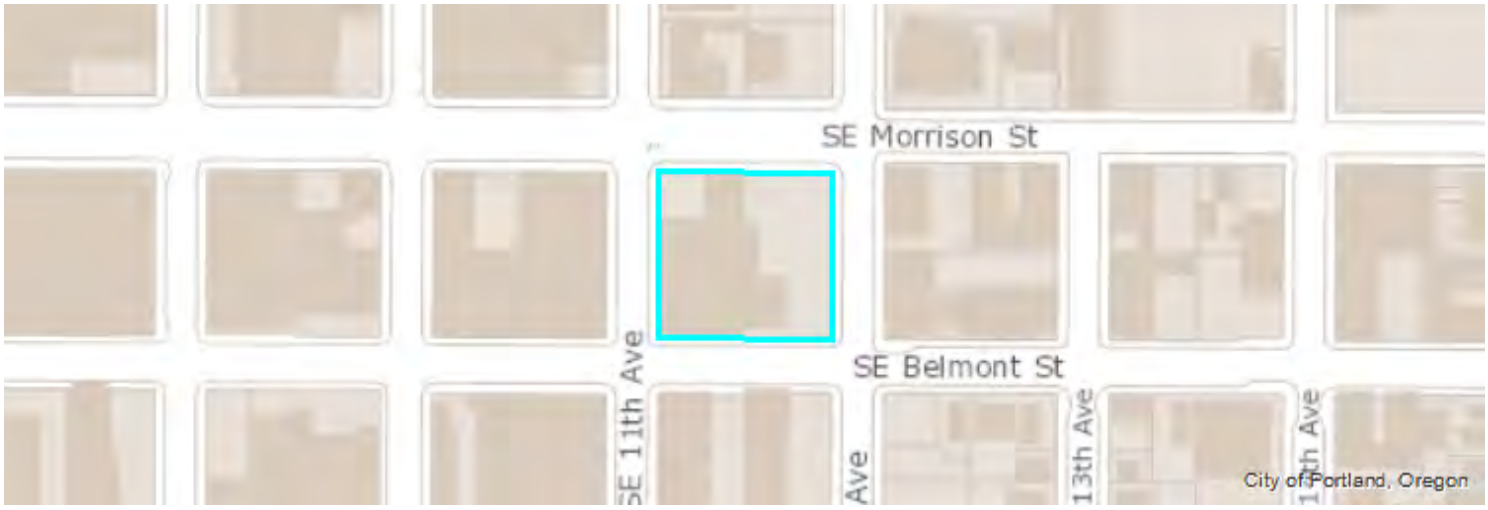
Market Value	$3,361,020.00
Assessed Value	$915,510.00

Taxes (2017)

Property Taxes	$22,899.72
Total Taxes	$22,899.72

Permits & Zoning

Parks



1120 SE MORRISON ST

PORTLAND, OR 97214

ASSESSOR

Address	1120 SE MORRISON ST
Address2	PORTLAND, OR 97214
City	PORTLAND
Property ID	R150567
Tax Roll	EAST PORTLAND, BLOCK 245, LOT 1&8 EXC PT IN ST, LOT 2-7, LAND & IMPS SEE R150568 (R226516451) FOR BILLBOARD
Use	WHSE FLEX 5000-20000 SF
Lot	1&8,2-7
Block	245
County	Multnomah
State ID	1S1E02BA 5100
New State ID	1S1E02BA -05100
Alt Account Number	R226516450
Map Number	3131 OLD
Related Accounts	
Land Type	COMMERCIAL LAND
Total Land Area	0.86 acres (37,600 sq ft)
Assessor Update Date	04/02/2019 2:28PM

For more information about data updates or discrepancies, please contact Multnomah County Assessment, Recording & Taxation at (503) 988-

Owner

Name	CAMPF PROPERTIES LTD PARTNERSHIP &
Address	1120 SE MORRISON ST PORTLAND, OR 97214
Type	OWNER (PRIMARY)

3326 or dartcs@multco.us.

Sales History & Deed

Sale Date	Type	Instrument	Sale Price
	INST	97069257	$0.00

Improvements

Improvement Type	WAREHOUSE
Improvement Value	$1,689,040.00
Building Class	WHSE FLEX 5000-20000 SF
Actual Year Built	1906
Number Of Segments	3

Segment Number	Segment Type	Class	Area Sq Ft
1	MAIN		15620
2	MAIN		3973
3	BSMT UNFINISHED		1410
1	SURFACE PARKING	1	18000

Assessment History

Year	Improvements	Land	Special Use	Real Market	Exemptions	Assessed
2017	$1,689,040.00	$1,671,980.00	$0.00	$3,361,020.00	$0.00	$915,510.00
2016	$1,535,490.00	$1,519,980.00	$0.00	$3,055,470.00	$0.00	$888,850.00
2015	$1,145,890.00	$1,134,310.00	$0.00	$2,280,200.00	$0.00	$862,970.00
2014	$1,123,420.00	$1,112,070.00	$0.00	$2,235,490.00	$0.00	$837,840.00
2013	$1,123,420.00	$1,112,070.00	$0.00	$2,235,490.00	$0.00	$813,440.00
2012	$1,123,420.00	$1,112,070.00	$0.00	$2,235,490.00	$0.00	$789,750.00
2011	$1,059,830.00	$1,049,120.00	$0.00	$2,108,950.00	$0.00	$766,750.00
2010	$1,059,830.00	$1,049,120.00	$0.00	$2,108,950.00	$0.00	$744,420.00
2009	$937,900.00	$928,430.00	$0.00	$1,866,330.00	$0.00	$722,740.00
2008	$884,810.00	$875,870.00	$0.00	$1,760,680.00	$0.00	$701,690.00
2007	$797,130.00	$789,080.00	$0.00	$1,586,210.00	$0.00	$681,260.00
2006	$687,180.00	$680,240.00	$0.00	$1,367,420.00	$0.00	$661,420.00
2005	$630,440.00	$624,070.00	$0.00	$1,254,510.00	$0.00	$642,160.00
2004	$557,910.00	$552,280.00	$0.00	$1,110,190.00	$0.00	$623,460.00

Year	Improvements	Land	Special Use	Real Market	Exemptions	Assessed
2003	$569,300.00	$563,550.00	$0.00	$1,132,850.00	$0.00	$605,310.00
2002	$532,050.00	$526,680.00	$0.00	$1,058,730.00	$0.00	$587,680.00
2001	$532,050.00	$526,680.00	$0.00	$1,058,730.00	$0.00	$570,570.00
2000	$470,840.00	$466,090.00	$0.00	$936,930.00	$0.00	$553,960.00
1999	$405,900.00	$401,800.00	$0.00	$807,700.00	$0.00	$537,830.00
1998	$369,000.00	$365,300.00	$0.00	$734,300.00	$0.00	$522,170.00
1997	$313,600.00	$347,900.00	$0.00	$661,500.00	$0.00	$506,970.00

Tax Districts

Code	Description
101	PORT OF PORTLAND
130	CITY OF PORTLAND
130L	CITY OF PORTLAND - NEW LEVIES
130M	CITY OF PORTLAND PARKS LOP
143	METRO
164	EAST MULT SOIL/WATER
170	MULTNOMAH COUNTY
170L	MULT CO LIBRARY LOCAL OPT TAX
171	URBAN RENEWAL PORTLAND
173	URB REN SPECIAL LEVY - PORTLAND
198	TRI-MET TRANSPORTATION
304	MULTNOMAH ESD
309	PORTLAND COMM COLLEGE
311	PORTLAND SCHOOL DIST #1

Tax History

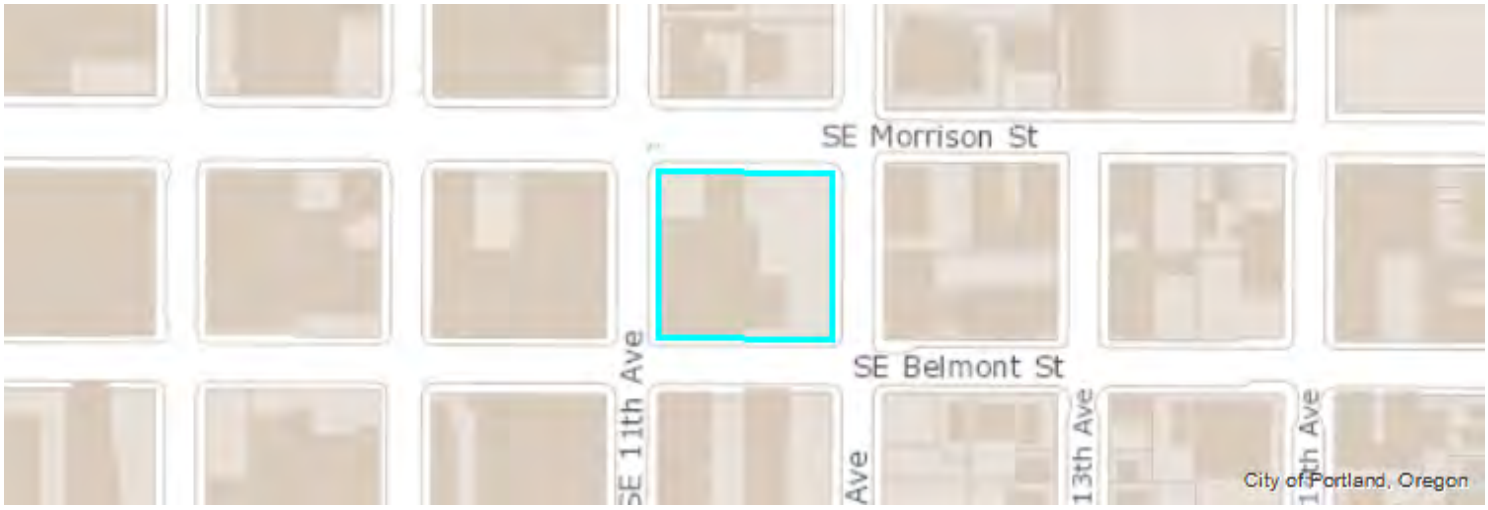
Year	Property Tax	Total Tax
2017	$22,899.72	$22,899.72
2016	$20,956.89	$20,956.89
2015	$20,406.84	$20,406.84
2014	$20,098.75	$20,098.75
2013	$19,631.07	$19,631.07

Year	Property Tax	Total Tax
2012	$17,758.93	$17,758.93
2011	$17,089.68	$17,089.68
2010	$16,214.59	$16,214.59
2009	$15,790.07	$15,790.07
2008	$14,900.23	$14,900.23
2007	$14,855.61	$14,855.61
2006	$13,340.39	$13,340.39
2005	$12,741.41	$12,741.41
2004	$13,877.15	$13,877.15
2003	$13,570.19	$13,570.19
2002	$12,462.15	$12,462.15
2001	$11,882.97	$11,882.97
2000	$11,606.07	$11,606.07
1999	$10,791.02	$10,791.02
1998	$10,621.88	$10,621.88
1997	$10,036.17	$10,036.17

Tax Maps

Quarter Section	Size
1s1e02ba (Current Property)	545.2 KB
1s1e02	139.8 KB
1s1e02aa	425.9 KB
1s1e02ab	231.9 KB
1s1e02ac	570.6 KB
1s1e02ad	265.0 KB
1s1e02add	25.5 KB
1s1e02bb	320.1 KB
1s1e02bc	455.7 KB
1s1e02bd	487.5 KB
1s1e02ca	188.4 KB
1s1e02cb	140.5 KB
1s1e02cc	640.2 KB

Quarter Section	Size
1s1e02cd	192.2 KB
1s1e02da	173.3 KB
1s1e02db	183.7 KB
1s1e02dc	163.6 KB
1s1e02dd	173.7 KB



1120 SE MORRISON ST

PORTLAND, OR 97214

PERMITS

Application Number	Address	Type	Status	Updated
2019-131007-000-00-EA	1120 SE MORRISON ST	DA - Design Advice Request Early Assistance	Pending	3/19/19
2019-131004-000-00-EA	1120 SE MORRISON ST	PC - PreApplication Conference Early Assistance	Pending	3/18/19
2017-125369-000-00-UF	1120 SE MORRISON ST	Root Pruning Parks Urban Forestry Right-of-Way	Issued	2/24/17
2017-122171-000-00-UF	1120 SE MORRISON ST	Root Pruning Parks Urban Forestry Right-of-Way	Issued	2/17/17
2016-270072-000-00-NU	1120 SE MORRISON ST	Sewer Break Nuisance Complaint	Closed	11/21/16
2008-113075-000-00-ET	1120 SE MORRISON ST	Commercial/Multifamily Electrical Permit Addition/Alteration/Replacement	Final	3/10/08
2006-115663-REV-01-CO	1120 SE MORRISON ST	Business Commercial Building Permit Alteration	Final	2/27/08
2007-109410-000-00-ET	1120 SE MORRISON ST	Commercial/Multifamily Electrical Permit Addition/Alteration/Replacement	Final	2/28/07

Application Number	Address	Type	Status	Updated
2006-115663-000-00-CO	1120 SE MORRISON ST	Business Commercial Building Permit Alteration	Final	6/28/06
2003-002358-000-00-FS	1120 SE MORRISON ST	Fire Sprinklers Fire Systems Permit	Final	10/22/05
2002-145232-000-00-UR	1120 SE MORRISON ST	Commercial BES - Sewer Repair Permit	Final	10/17/02

Historic Plumbing

ID	Address	Type	Size
577591	1120 SE MORRISON ST	Appeal-Building	48.8 KB
650369	1120 SE MORRISON ST	PLUMBING PERMIT	237.7 KB
859935	1120 SE MORRISON ST	BES Connection	13.2 KB
859975	1120 SE MORRISON ST	BES Connection	10.8 KB

Underground Storage Tanks

Nearby

ID	Address	Type	Size
3575	1010 SE BELMONT	JPG	26.8 KB
92760	1010 SE BELMONT	TIF	16.4 KB
146747	1025 SE 11TH AVE	TIF	15.0 KB
56894	1025 SE 11TH AVE	JPG	31.0 KB
1702	1226 SE ALDER ST	JPG	31.4 KB
90885	1226 SE ALDER ST	TIF	18.6 KB
90886	1234 SE ALDER ST	TIF	15.5 KB
1703	1234 SE ALDER ST	JPG	26.8 KB
57546	807 SE 12TH AVE	JPG	28.6 KB
147399	807 SE 12TH AVE	TIF	18.5 KB
58017	812 SE 13TH AVE	JPG	28.4 KB
147870	812 SE 13TH AVE	TIF	18.3 KB
147401	821 SE 12TH AVE	TIF	17.2 KB
57548	821 SE 12TH AVE	JPG	28.8 KB

These permits were generated by the Fire Bureau from 1936-1990 to inspect the installation and renovation of above ground and underground residential storage tanks

There are many areas that are within the City limits today, but were outside the city limits when the tank work was performed. We do not have any permits for those addresses (east of 92nd Avenue, south of SE Foster Rd, north of Columbia Blvd, Maywood Park, Rose City)

Even though permits were required by the Fire Bureau, we might not have one for a particular address because it was lost or the owner never filed one. We always recommend having a tank locate performed in addition to searching this database. You can access a list of ODEQ-licensed tank companies at www.deq.state.or.us . Click on "Programs", then "Heating Oil Tanks."

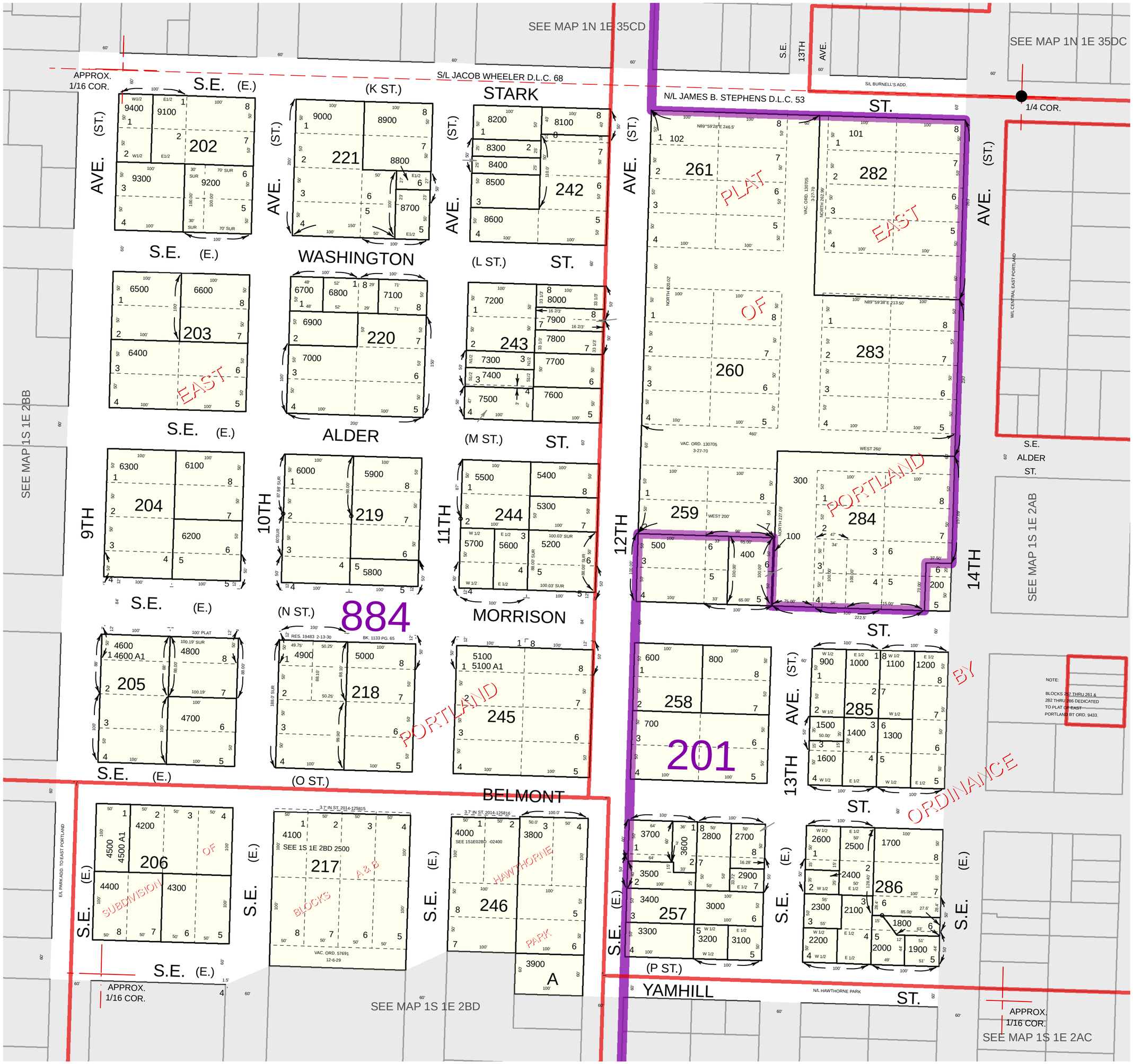
The permits are for installation and/or renovation, NOT decommissioning/removal. The City has never required permits to decommission/remove a tank on private property. If your tank is in the street/sidewalk, then it's in the Right-of-Way, and you would need a street/sidewalk opening permit from PDOT. If the tank has leaked, and it was reported to ODEQ, then they will have a file on it at the website listed above.

Still have questions? Contact the Oregon DEQ at 503-229-5263

THIS MAP WAS PREPARED FOR ASSESSMENT PURPOSE ONLY

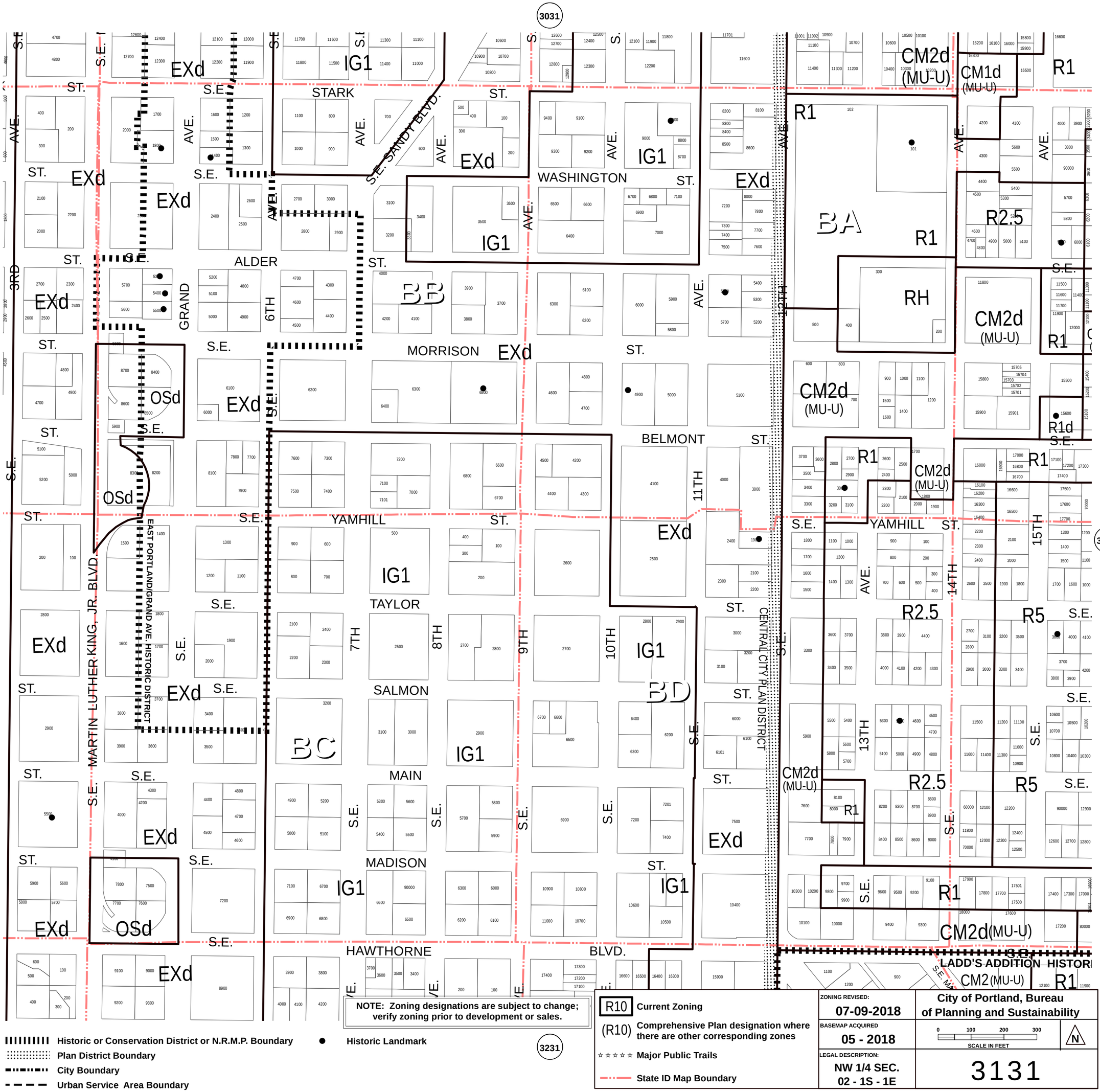
N.E.1/4 N.W.1/4 SEC.2 T.1S. R.1E. W.M.
MULTNOMAH COUNTY
1" = 100'

1S 1E 2BA
PORTLAND



1S 1E 2BA
PORTLAND

5/28/2015



NOTE: Zoning designations are subject to change; verify zoning prior to development or sales.

Historic or Conservation District or N.R.M.P. Boundary
Plan District Boundary
City Boundary
Urban Service Area Boundary
Historic Landmark

R10 Current Zoning
(R10) Comprehensive Plan designation where there are other corresponding zones
☆☆☆☆☆ Major Public Trails
State ID Map Boundary

ZONING REVISED: 07-09-2018
BASEMAP ACQUIRED 05 - 2018
LEGAL DESCRIPTION: NW 1/4 SEC. 02 - 1S - 1E

City of Portland, Bureau of Planning and Sustainability

0 100 200 300
SCALE IN FEET

N

3131

\\bpsfile1\support$\gis\Publish_Data\Zoning\Maps\zone_quarter_section_maps.mxd

Bureau of Development Services
Phone: 503-823-7300
Zoning Hotline: 503-823-7526
Email: bds@portlandoregon.gov
1900 SW 4th Ave, Suite 5000, Portland, OR 97201
www.portlandoregon.gov/bds/

Nearby

Colonel Summers Park 0.40mi
5.99 acres
Buckman Pool 0.47mi
0.10 acres
Buckman Community Garden 0.51mi
0.16 acres
Colonel Summers Community Garden 0.56mi
0.78 acres
Ladds Circle and Squares 0.70mi
1.62 acres

Schools

Attendance Area

District	PORTLAND SD
Elementary School	Buckman Elementary School
Middle School	Hosford Middle School
High School	Cleveland High School

For more information about school attendance areas go to the Schools Map

Nearby Schools

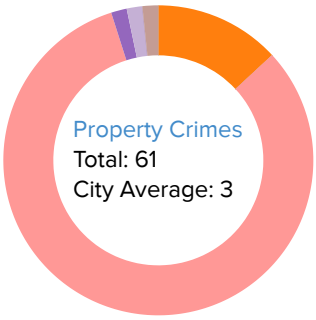
Buckman Elementary 0.51mi
Public K-5
Janus Youth Programs 0.75mi
Public K-12
Le Monde French Immersion Public Charter School 0.87mi
Public K-4
Central Catholic High School 0.94mi
Private 9-12
School of Autism Inc. 0.95mi
Private

Public Safety

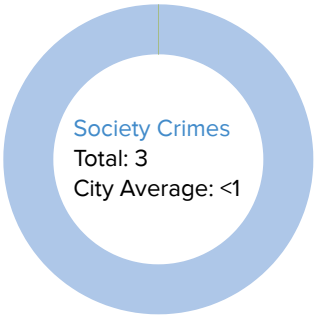
Crime Statistics

To display crime data on the map click the crime category (person, property, or society) within the circle below

- Assault Offenses (6)
- Homicide Offenses (0)
- Human Trafficking Offenses (0)
- Kidnapping/Abduction (0)
- Sex Offenses (0)
- Sex Offenses, Nonforcible (0)



- Arson (0)
- Bribery (0)
- Burglary (8)
- Counterfeiting/Forgery (0)
- Embezzlement (0)
- Extortion/Blackmail (0)
- Fraud Offenses (0)
- Larceny Offenses (50)
- Motor Vehicle Theft (1)
- Robbery (1)
- Stolen Property Offenses (0)
- Vandalism (1)



- Animal Cruelty Offenses (0)
- Drug/Narcotic Offenses (3)
- Gambling Offenses (0)
- Pornography/Obscene Material (0)
- Prostitution Offenses (0)
- Weapon Law Violations (0)

Data Range: 03/04/2018 - 03/03/2019

Reported crime counts are aggregated across hexagonal 1/8 mile grid sections of the city, and do not represent the number of reported crimes on a specific tax lot. Points on the map are generalized to the midblock point and may represent the location of multiple reported crimes. The locations of certain crimes are not shown on the map due to privacy concerns, but are included in counts and averages.

The records depicted give a general picture of crime events in the surrounding area and are not official crime statistics. Some information displayed is currently under review and may change subject to record finalization. For greater detail about each record, visit Portland Police Bureau's Open Data Portal and download offense data directly from the Crime Statistics Dashboard.

Police Jurisdiction

Portland Police Bureau - Central Precinct
1111 SW 2nd Ave, Portland, OR 97204
(503) 823-0000
http://www.portlandpolice.com

Nearest Fire Station

Station Number 21
5 SE MADISON ST
PORTLAND FIRE & RESCUE

Fire Management Area

Area Number	21

Hazard

FEMA Special Flood Hazard Area (SFHA)	No
Elevation Certificate(s)	No
1996 Flood Inundation Area	No
Steep Slope Area (25%)	No
Mapped Landslide Inventory Area	No
Title 33 Potential Landslide Hazard Area	No
Wild Lands Fire Hazard Area	No
Relative Earthquake Hazard Zone(s)	Moderate
Liquefaction Hazard Zone(s)	Moderate

Basic Earthquake Emergency Communication Node (BEECN)

Location	SE Taylor Street and SE 17th Avenue
Site	Colonel Summers Park
Owner	PP&R

Transportation

Portland Bureau of Transportation (PBOT)
1120 SW 5th Ave, Portland, OR 97204
www.portlandoregon.gov/transportation/

Traffic Safety

Vision Zero is a citywide effort to make Portland's transportation system the safest possible and to move towards zero traffic-related fatalities and serious injuries in the next 10 years

View the Vision Zero Traffic Injuries and Fatalities Map

Report a Traffic Safety Concern

Call the Transportation Safety and Neighborhood Livability Line (503-823-SAFE) or email safe@portlandoregon.gov

Traffic Counts

Learn more about traffic counts

View Portland traffic counts map

TSP Classifications

View the Transportation System Plan (TSP) street classification map

Snow & Ice Priority Routes

Learn about the City's snow and ice response plan

Parking

Learn more about Portland's parking policy and programs

Area Parking Permit Zone

APPP Zone	Zone N (Buffer)
Visitor Limit	2 Hour
Hours	7:00 AM to 6:00 PM, MON - FRI

For more information contact 503-823-2777 or email parking@portlandoregon.gov

Report a Maintenance Issue

Please call our 24 hour/7 days a week hotline (503-823-1700) for maintenance and repair issues or email BOMDispatch@portlandoregon.gov

Smart Trips

Learn about active transportation options for yourself, your family or your business

Transit

To plan a trip, use TriMet's Trip Planner

Survey Benchmarks

Utilities

Garbage & Recycling

Residential Customers
Heiberg Garbage Service
(503) 794-8212
http://heiberggarbage.com
Collection Day: Tuesday

Westside Terrain Area?	No
Commercial Customers	Unfranchised
Dropbox Services	Unfranchised

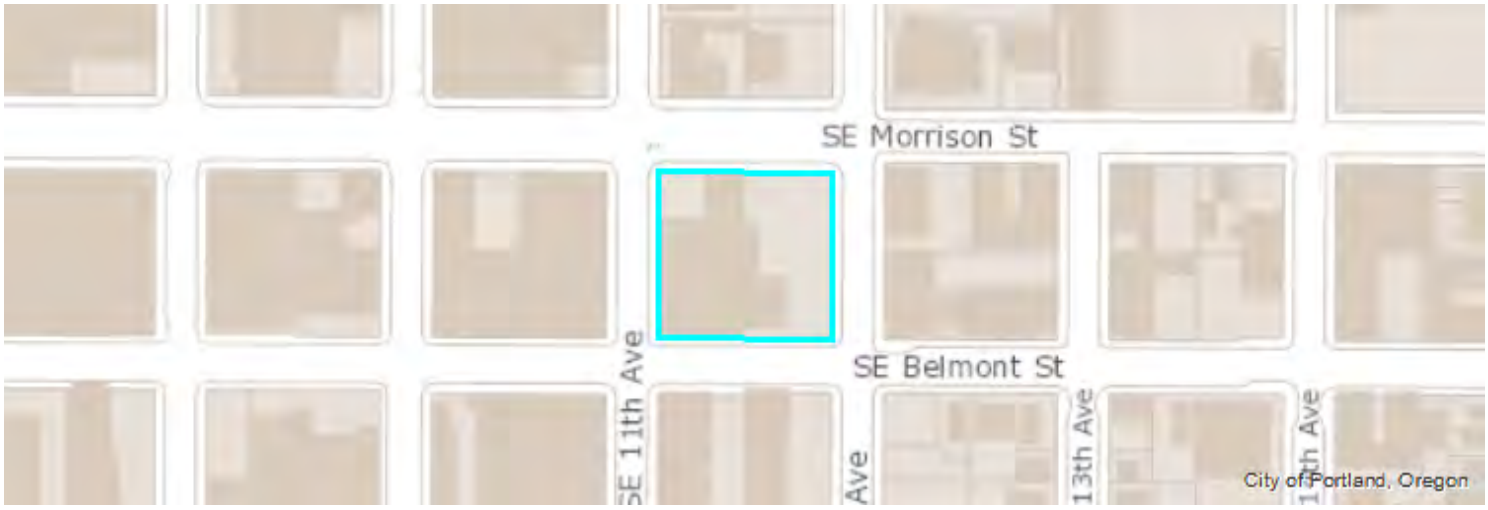
Bureau of Planning & Sustainability
Curbside Hotline: 503-823-7202
Email: wasteinfo@portlandoregon.gov
1900 SW 4th Ave, Suite 7100, Portland, OR 97201
www.portlandoregon.gov/bps/

Sewer & Environmental

Bureau of Environmental Services
Phone: 503-823-7740
1120 SW 5th Avenue, Room 1000, Portland, OR 97204
www.portlandoregon.gov/bes/

Water

Portland Water Bureau
Phone: 503-823-7770
1120 SW Fifth Ave, Suite 600, Portland, OR 97204
www.portlandoregon.gov/water/



1120 SE MORRISON ST

PORTLAND, OR 97214

ASSESSOR

Address	1120 SE MORRISON ST
Address2	PORTLAND, OR 97214
City	PORTLAND
Property ID	R150567
Tax Roll	EAST PORTLAND, BLOCK 245, LOT 1&8 EXC PT IN ST, LOT 2-7, LAND & IMPS SEE R150568 (R226516451) FOR BILLBOARD
Use	WHSE FLEX 5000-20000 SF
Lot	1&8,2-7
Block	245
County	Multnomah
State ID	1S1E02BA 5100
New State ID	1S1E02BA -05100
Alt Account Number	R226516450
Map Number	3131 OLD
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Land Type	COMMERCIAL LAND
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Assessor Update Date	04/02/2019 2:28PM

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Owner

Name	CAMPF PROPERTIES LTD PARTNERSHIP &
Address	1120 SE MORRISON ST PORTLAND, OR 97214
Type	OWNER (PRIMARY)

3326 or dartcs@multco.us.

Sales History & Deed

Sale Date	Type	Instrument	Sale Price
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2014	$1,123,420.00	$1,112,070.00	$0.00	$2,235,490.00	$0.00	$837,840.00
2013	$1,123,420.00	$1,112,070.00	$0.00	$2,235,490.00	$0.00	$813,440.00
2012	$1,123,420.00	$1,112,070.00	$0.00	$2,235,490.00	$0.00	$789,750.00
2011	$1,059,830.00	$1,049,120.00	$0.00	$2,108,950.00	$0.00	$766,750.00
2010	$1,059,830.00	$1,049,120.00	$0.00	$2,108,950.00	$0.00	$744,420.00
2009	$937,900.00	$928,430.00	$0.00	$1,866,330.00	$0.00	$722,740.00
2008	$884,810.00	$875,870.00	$0.00	$1,760,680.00	$0.00	$701,690.00
2007	$797,130.00	$789,080.00	$0.00	$1,586,210.00	$0.00	$681,260.00
2006	$687,180.00	$680,240.00	$0.00	$1,367,420.00	$0.00	$661,420.00
2005	$630,440.00	$624,070.00	$0.00	$1,254,510.00	$0.00	$642,160.00
2004	$557,910.00	$552,280.00	$0.00	$1,110,190.00	$0.00	$623,460.00

Year	Improvements	Land	Special Use	Real Market	Exemptions	Assessed
2003	$569,300.00	$563,550.00	$0.00	$1,132,850.00	$0.00	$605,310.00
2002	$532,050.00	$526,680.00	$0.00	$1,058,730.00	$0.00	$587,680.00
2001	$532,050.00	$526,680.00	$0.00	$1,058,730.00	$0.00	$570,570.00
2000	$470,840.00	$466,090.00	$0.00	$936,930.00	$0.00	$553,960.00
1999	$405,900.00	$401,800.00	$0.00	$807,700.00	$0.00	$537,830.00
1998	$369,000.00	$365,300.00	$0.00	$734,300.00	$0.00	$522,170.00
1997	$313,600.00	$347,900.00	$0.00	$661,500.00	$0.00	$506,970.00

Tax Districts

Code	Description
101	PORT OF PORTLAND
130	CITY OF PORTLAND
130L	CITY OF PORTLAND - NEW LEVIES
130M	CITY OF PORTLAND PARKS LOP
143	METRO
164	EAST MULT SOIL/WATER
170	MULTNOMAH COUNTY
170L	MULT CO LIBRARY LOCAL OPT TAX
171	URBAN RENEWAL PORTLAND
173	URB REN SPECIAL LEVY - PORTLAND
198	TRI-MET TRANSPORTATION
304	MULTNOMAH ESD
309	PORTLAND COMM COLLEGE
311	PORTLAND SCHOOL DIST #1

Tax History

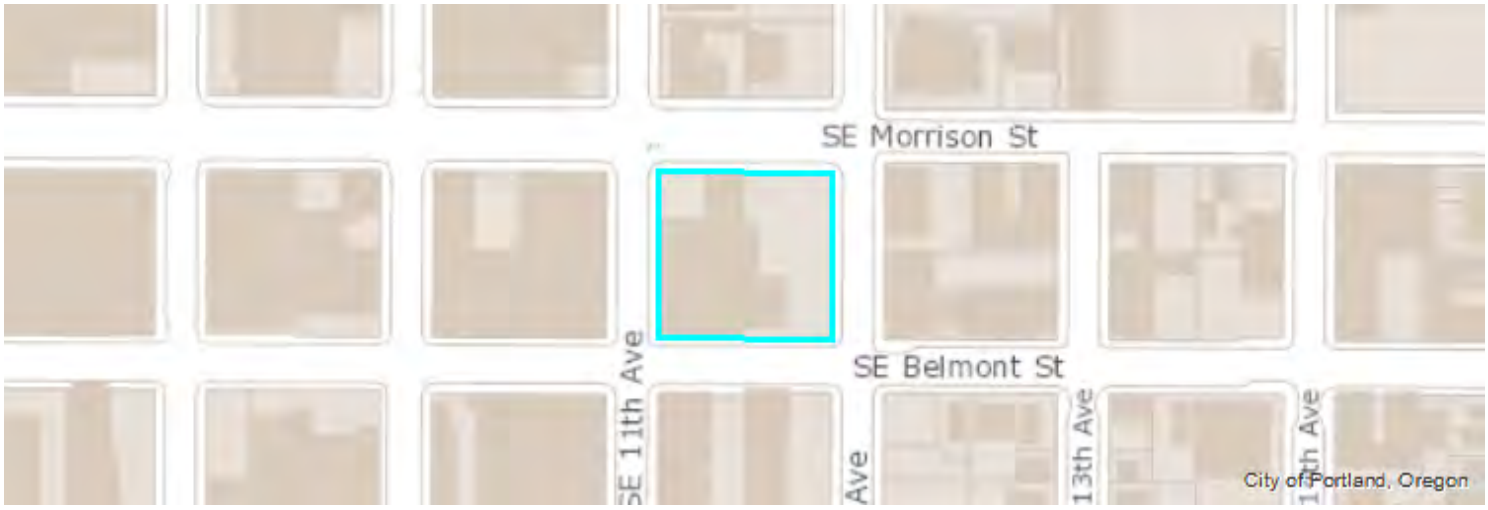
Year	Property Tax	Total Tax
2017	$22,899.72	$22,899.72
2016	$20,956.89	$20,956.89
2015	$20,406.84	$20,406.84
2014	$20,098.75	$20,098.75
2013	$19,631.07	$19,631.07

Year	Property Tax	Total Tax
2012	$17,758.93	$17,758.93
2011	$17,089.68	$17,089.68
2010	$16,214.59	$16,214.59
2009	$15,790.07	$15,790.07
2008	$14,900.23	$14,900.23
2007	$14,855.61	$14,855.61
2006	$13,340.39	$13,340.39
2005	$12,741.41	$12,741.41
2004	$13,877.15	$13,877.15
2003	$13,570.19	$13,570.19
2002	$12,462.15	$12,462.15
2001	$11,882.97	$11,882.97
2000	$11,606.07	$11,606.07
1999	$10,791.02	$10,791.02
1998	$10,621.88	$10,621.88
1997	$10,036.17	$10,036.17

Tax Maps

Quarter Section	Size
1s1e02ba (Current Property)	545.2 KB
1s1e02	139.8 KB
1s1e02aa	425.9 KB
1s1e02ab	231.9 KB
1s1e02ac	570.6 KB
1s1e02ad	265.0 KB
1s1e02add	25.5 KB
1s1e02bb	320.1 KB
1s1e02bc	455.7 KB
1s1e02bd	487.5 KB
1s1e02ca	188.4 KB
1s1e02cb	140.5 KB
1s1e02cc	640.2 KB

Quarter Section	Size
1s1e02cd	192.2 KB
1s1e02da	173.3 KB
1s1e02db	183.7 KB
1s1e02dc	163.6 KB
1s1e02dd	173.7 KB



1120 SE MORRISON ST

PORTLAND, OR 97214

PERMITS

Application Number	Address	Type	Status	Updated
2019-131007-000-00-EA	1120 SE MORRISON ST	DA - Design Advice Request Early Assistance	Pending	3/19/19
2019-131004-000-00-EA	1120 SE MORRISON ST	PC - PreApplication Conference Early Assistance	Pending	3/18/19
2017-125369-000-00-UF	1120 SE MORRISON ST	Root Pruning Parks Urban Forestry Right-of-Way	Issued	2/24/17
2017-122171-000-00-UF	1120 SE MORRISON ST	Root Pruning Parks Urban Forestry Right-of-Way	Issued	2/17/17
2016-270072-000-00-NU	1120 SE MORRISON ST	Sewer Break Nuisance Complaint	Closed	11/21/16
2008-113075-000-00-ET	1120 SE MORRISON ST	Commercial/Multifamily Electrical Permit Addition/Alteration/Replacement	Final	3/10/08
2006-115663-REV-01-CO	1120 SE MORRISON ST	Business Commercial Building Permit Alteration	Final	2/27/08
2007-109410-000-00-ET	1120 SE MORRISON ST	Commercial/Multifamily Electrical Permit Addition/Alteration/Replacement	Final	2/28/07

Application Number	Address	Type	Status	Updated
2006-115663-000-00-CO	1120 SE MORRISON ST	Business Commercial Building Permit Alteration	Final	6/28/06
2003-002358-000-00-FS	1120 SE MORRISON ST	Fire Sprinklers Fire Systems Permit	Final	10/22/05
2002-145232-000-00-UR	1120 SE MORRISON ST	Commercial BES - Sewer Repair Permit	Final	10/17/02

Historic Plumbing

ID	Address	Type	Size
577591	1120 SE MORRISON ST	Appeal-Building	48.8 KB
650369	1120 SE MORRISON ST	PLUMBING PERMIT	237.7 KB
859935	1120 SE MORRISON ST	BES Connection	13.2 KB
859975	1120 SE MORRISON ST	BES Connection	10.8 KB

Underground Storage Tanks

Nearby

ID	Address	Type	Size
3575	1010 SE BELMONT	JPG	26.8 KB
92760	1010 SE BELMONT	TIF	16.4 KB
146747	1025 SE 11TH AVE	TIF	15.0 KB
56894	1025 SE 11TH AVE	JPG	31.0 KB
1702	1226 SE ALDER ST	JPG	31.4 KB
90885	1226 SE ALDER ST	TIF	18.6 KB
90886	1234 SE ALDER ST	TIF	15.5 KB
1703	1234 SE ALDER ST	JPG	26.8 KB
57546	807 SE 12TH AVE	JPG	28.6 KB
147399	807 SE 12TH AVE	TIF	18.5 KB
58017	812 SE 13TH AVE	JPG	28.4 KB
147870	812 SE 13TH AVE	TIF	18.3 KB
147401	821 SE 12TH AVE	TIF	17.2 KB
57548	821 SE 12TH AVE	JPG	28.8 KB

These permits were generated by the Fire Bureau from 1936-1990 to inspect the installation and renovation of above ground and underground residential storage tanks

There are many areas that are within the City limits today, but were outside the city limits when the tank work was performed. We do not have any permits for those addresses (east of 92nd Avenue, south of SE Foster Rd, north of Columbia Blvd, Maywood Park, Rose City)

Even though permits were required by the Fire Bureau, we might not have one for a particular address because it was lost or the owner never filed one. We always recommend having a tank locate performed in addition to searching this database. You can access a list of ODEQ-licensed tank companies at www.deq.state.or.us . Click on "Programs", then "Heating Oil Tanks."

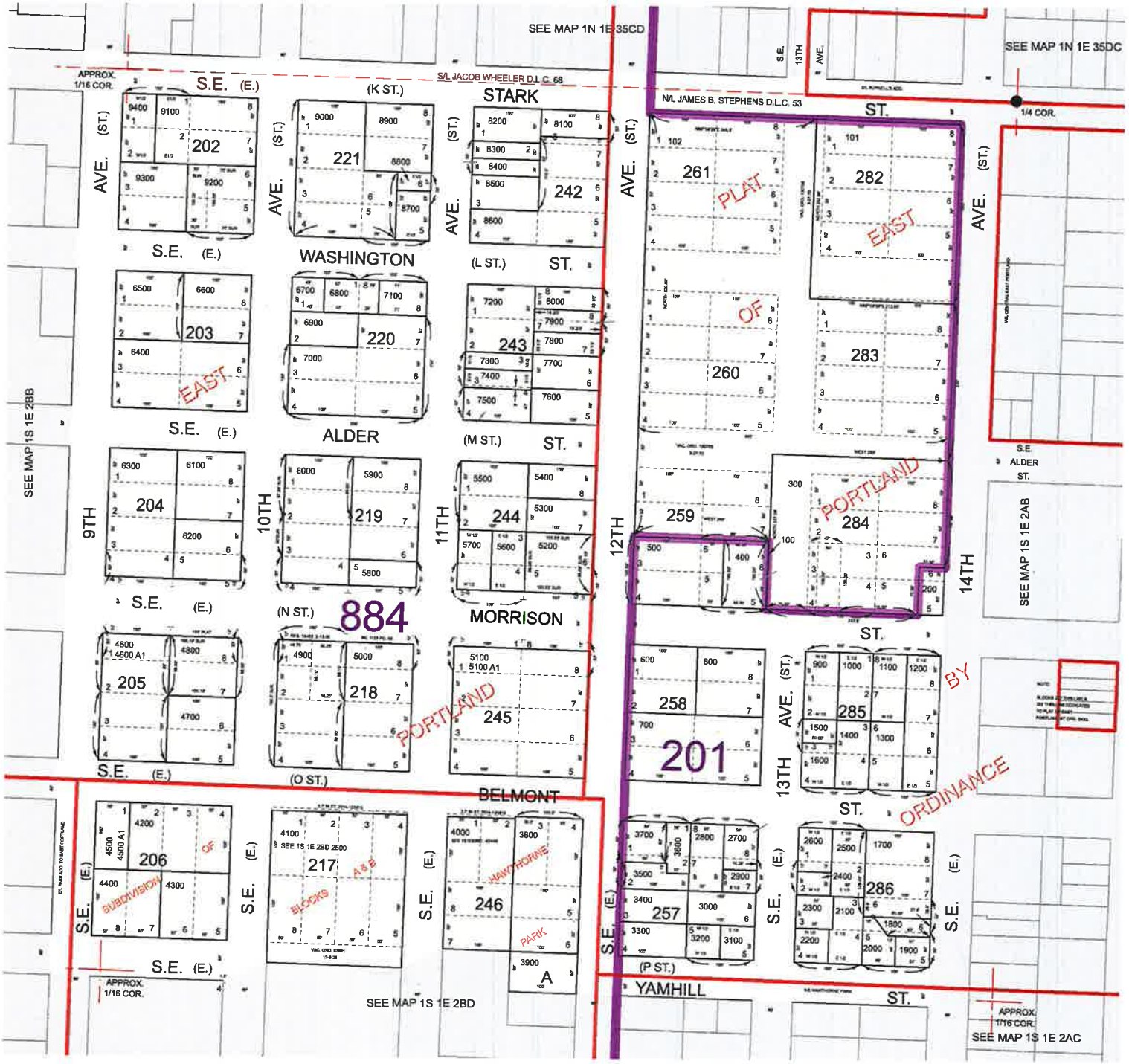
The permits are for installation and/or renovation, NOT decommissioning/removal. The City has never required permits to decommission/remove a tank on private property. If your tank is in the street/sidewalk, then it's in the Right-of-Way, and you would need a street/sidewalk opening permit from PDOT. If the tank has leaked, and it was reported to ODEQ, then they will have a file on it at the website listed above.

Still have questions? Contact the Oregon DEQ at 503-229-5263

THIS MAP WAS PREPARED FOR ASSESSMENT PURPOSE ONLY

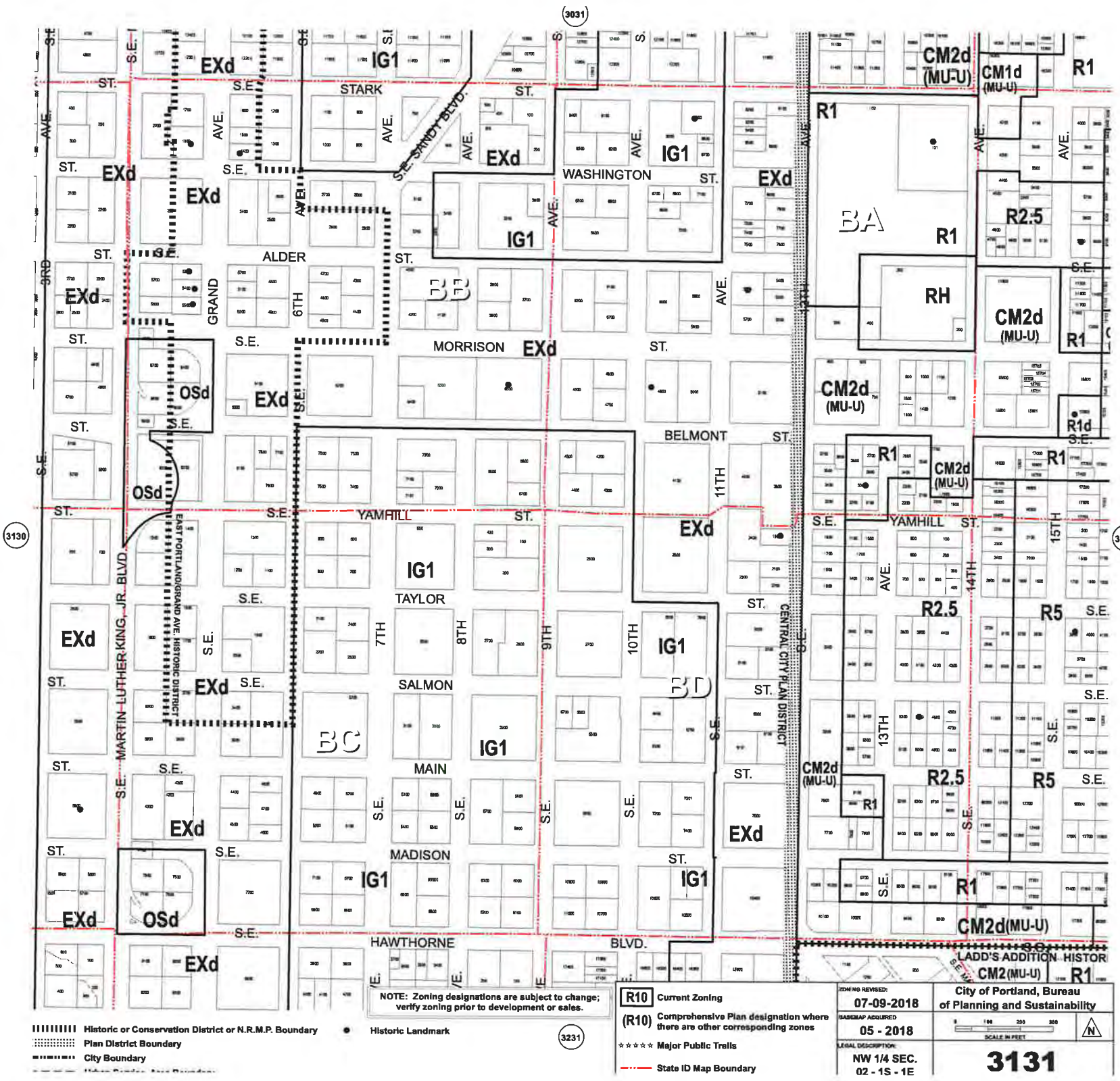
N.E.1/4 N.W.1/4 SEC.2 T.1S. R.1E. W.M.
MULTNOMAH COUNTY
1" = 100'

1S 1E 2BA
PORTLAND



1S 1E 2BA
PORTLAND

5/28/2015


3031
3130
3132
3231
STARK
WASHINGTON
ALDER
MORRISON
BELMONT
YAMHILL
TAYLOR
SALMON
MAIN
MADISON
HAWTHORNE
BLVD.
S.E. SANDY BLVD.
GRAND
MARTIN LUTHER KING, JR. BLVD.
EAST PORTLAND/GRAND AVE. HISTORIC DISTRICT
CENTRAL CITY PLAN DISTRICT
LADD'S ADDITION HISTOR
3RD
6TH
7TH
8TH
9TH
10TH
11TH
13TH
14TH
15TH
EXd
IG1
R1
R2.5
R5
R1d
R10
CM1d (MU-U)
CM2d (MU-U)
CM2 (MU-U)
RH
OSd
BA
BB
BC
BD
NOTE: Zoning designations are subject to change; verify zoning prior to development or sales.
Historic or Conservation District or N.R.M.P. Boundary
Plan District Boundary
City Boundary
Historic Landmark
R10 Current Zoning
(R10) Comprehensive Plan designation where there are other corresponding zones
Major Public Trails
State ID Map Boundary
ZONING REVISED: 07-09-2018
BASEMAP ACQUIRED 05 - 2018
LEGAL DESCRIPTION: NW 1/4 SEC. 02 - 1S - 1E
City of Portland, Bureau of Planning and Sustainability
SCALE IN FEET
N
3131

GEODESIGN INC

PHASE I ENVIRONMENTAL SITE ASSESSMENT OWNER/OCCUPANT QUESTIONNAIRE

Project Number	MillCreek-19-01-01
Project Name	Modera Morrison
Location	1120 SE Morrison Street, Portland, OR

Please answer the following questions ***to the best of your knowledge***. If the answers to any of the questions are "yes", or if you need to provide further explanation to any "no" answers, please provide additional detail in the space below each question.

1. To your knowledge, has the property or adjacent properties ever been used for industrial purposes, including use as a petroleum service station/bulk plant, automobile repair, commercial printing, dry-cleaning, and/or hazardous waste storage, treatment, or disposal facility?

   X No ☐ Yes

   If yes please explain: _____

2. To your knowledge, is there now or was there formerly any petroleum, chemical or hazardous material use, storage, treatment, or disposal on the property or on adjacent properties (including petroleum products, pesticides, paint, solvents, etc.)?

   ☐ No **X** Yes

   If yes please explain: Storage, We bought and resold industrial lubricants from Fuchs. Underground gasoline storage tanks were decommissioned in 1991, see paperwork previously provided to buyer. Around 2016 the city punctured a heating oil tank (HOT) that was located under the sidewalk on the Southwest corner of the property. See paperwork previously provided to buyer. Early in 2019, asbestos was discovered in flooring material in space currently used as office.

3. To your knowledge, is there now or was there formerly any underground storage tanks (USTs), aboveground storage tanks (ASTs), or 55-gallon drums on the property?

   ☐ No **x** Yes

   If yes please explain: See response above and previously provided paperwork to buyer.

4. To your knowledge, has any fill material been imported to the project site?

   ☐ No **X** Yes

   If yes please explain: See paperwork provided in response to number 2 above.

GEODESIGN INC

5. To your knowledge, are there any water supply wells, drywells, or groundwater monitoring wells, on the property?

X No ☐ Yes

If yes please explain: _____

6. To your knowledge, are there any sumps or floor drains on the property?

☐ No **X** Yes

If yes please explain: Floor drain. I believe there is one in the bathroom.

7. To your knowledge, are there any active or historic septic systems on the property?

X No ☐ Yes

If yes please explain: _____

8. Are you aware of any environmental liens associated with the property?

X No ☐ Yes

If yes please explain: _____

9. To your knowledge, have there been any spills or releases of any hazardous substance or petroleum products on the project site?

☐ No **X** Yes

If yes please explain: See paperwork provided in response to number 2 above.

10. To your knowledge, has the property historically been used for any agricultural purposes?

X No ☐ Yes

If yes please explain: _____

If so, are you aware of any pesticide use, storage, or mixing on the property?

☐ No ☐ Yes

If yes please explain: _____

_____

11. Are you aware of any previous completed environmental reports completed for the project site, including any previous Phase I ESA reports, Environmental Audits, or subsurface investigation reports?

☐ No **X** Yes

If yes please explain: See paperwork provided in response to number 2 above.

_____

If yes can you provide reports to GeoDesign via email: _____

12. Are you aware of any previous or existing environmental permits associated with the property, including but not limited to hazardous waste permits, underground injection control permits, storage tank permits, wastewater permits, or storm water discharge permits?

☐ No **X** Yes

If yes please explain: See paperwork provided in response to number 2 above.

_____

13. What has been the historical use of the project site? Please provide any additional information that may be pertinent to this study:

Bradley Pie was here before we were. We sold paper products, janatorial supplies and tobacco products.

_____

_____

_____

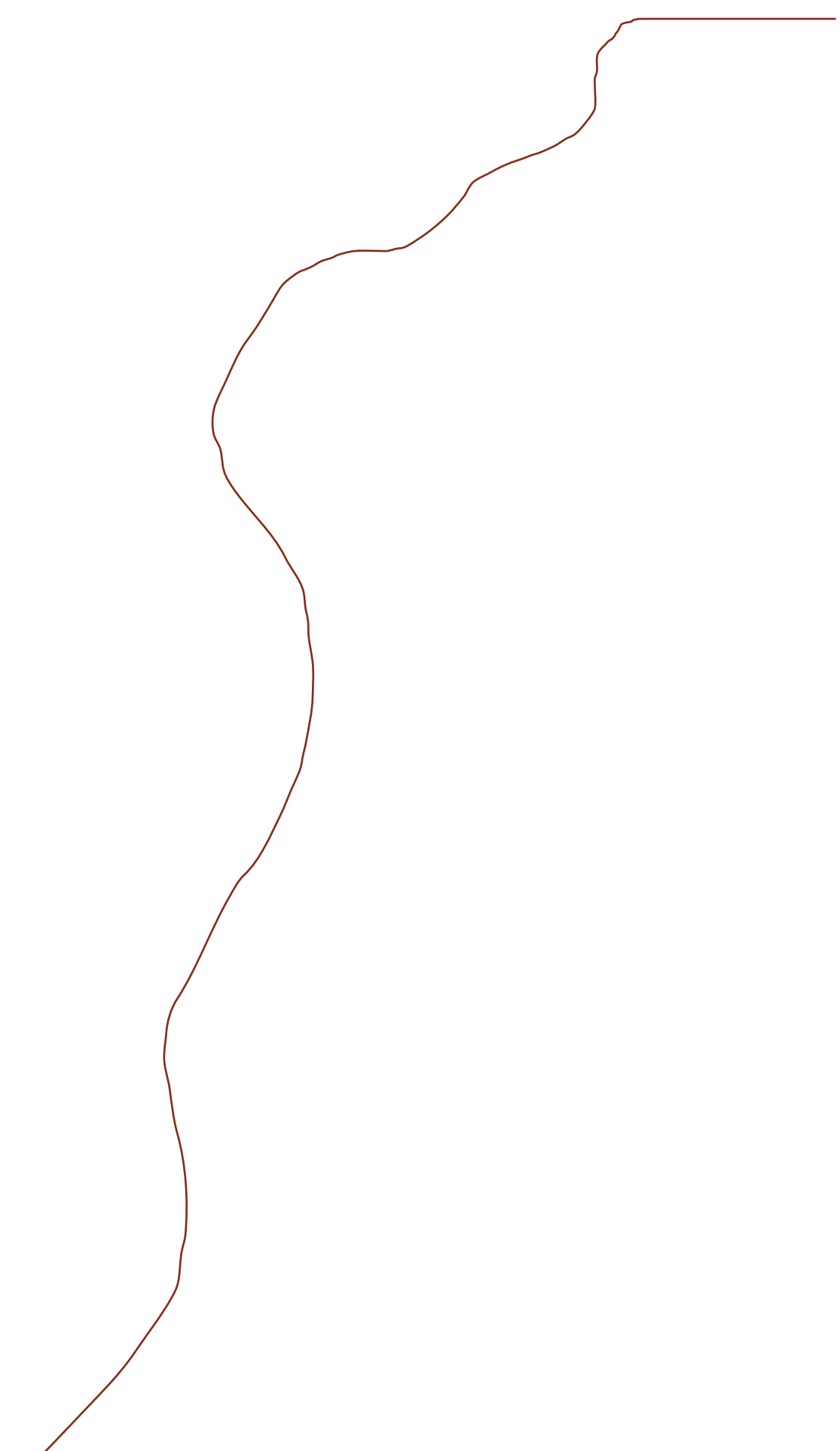
_____

_____

Name of Individual Completing Study: Alan Campf **Date: 3/14/2019**

Years Associated with the Property: Over 40 years

Relationship to Property (occupant, owner, site manager, etc.): Partner of owner



ATTACHMENT C

GeoDesign Inc

PHASE II ENVIRONMENTAL SITE ASSESSMENT

Modera Morrison
1120 SE Morrison Street
Portland, Oregon

For
Mill Creek Residential Trust
July 30, 2019

GeoDesign Project: MillCreek-19-01-02

GeoDesign Inc

July 30, 2019

Mill Creek Residential Trust
220 NW 2nd Avenue
Portland, OR 97209

Attention: Sam Rodriguez

Phase II Environmental Site Assessment
Modera Morrison
1120 SE Morrison
Portland, Oregon
GeoDesign Project: MillCreek-19-01-02

GeoDesign, Inc. is pleased to submit this report summarizing the results of a Phase II ESA conducted at the Modera Morrison site located at 1120 SE Morrison Street in Portland, Oregon. Our services were performed in accordance with our proposal dated March 7, 2019.

We appreciate the opportunity to be of service to Mill Creek Residential Trust. Please contact us if you have questions regarding this report.

Sincerely,

GeoDesign, Inc.

Jason O'Donnell, R.G.
Principal Geologist

cc: Cassidy Bolger, Mill Creek Residential Trust (via email only)

KRS:JSO:kt
Attachments
One copy submitted (via email only)
Document ID: MillCreek-19-01-02-073019-envr.docx
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ACRONYMS AND ABBREVIATIONS

AC	asphalt concrete
AST	aboveground storage tank
ASTM	American Society for Testing and Materials
BGS	below ground surface
BS	blank spike
BSD	blank spike duplicate
CFSL	Clean Fill Screening Level
DEQ	Oregon Department of Environmental Quality
EPA	U.S. Environmental Protection Agency
ESA	Environmental Site Assessment
FINDS	Facilities Index System/Facility Registry System
HREC	historical recognized environmental condition
I.D.	identification
IDW	investigation-derived waste
LUST	Leaking Underground Storage Tank
mg/kg	milligrams per kilogram
mg/L	milligrams per liter
MRL	method reporting limit
MS	matrix spike
MSD	matrix spike duplicate
MTBE	methyl tertiary butyl ether
NA	not applicable
NE	not established
OWRD	Oregon Water Resources Department
PAH	polycyclic aromatic hydrocarbon
PCB	polychlorinated biphenyl
PCE	tetrachloroethene
PID	photoionization detector
ppm	parts per million
PRT	Post Run Tubing
QC	quality control
RBC	risk-based concentration
RBDM	*Risk-Based Decision Making for the Remediation of Petroleum-Contaminated Sites*
RCRA	Resource Conservation and Recovery Act
REC	recognized environmental condition
RGA	Recovered Government Archive
ROW	right-of-way
RPD	relative percent difference
SWMP	Soil Water Management Plan
TCE	trichloroethene
TCLP	Toxicity Characteristic Leaching Procedure
TMB	trimethylbenzene
UCL	upper confidence limit

µg/m^3	micrograms per cubic meter
UST	underground storage tank
VOC	volatile organic compound

1.0 INTRODUCTION

This report summarizes the results of a Phase II ESA conducted at the Modera Morrison site located at 1120 SE Morrison Street in Portland, Oregon (Property). The 0.86-acre Property includes Tax Lot 5100 of Multnomah County Tax Map 1S1E02BA. The Property includes the entire city block (Block 245) located southeast of the intersection of SE Morrison Street and SE 11th Avenue. The Property is currently occupied by a 19,593-square-foot commercial structure and an AC-paved parking lot.

Based on preliminary information provided by Mill Creek Residential Trust, GeoDesign understands that the proposed development will include demolition of the existing structure and construction of a new mixed-use building consisting of ground floor (first floor above the parking level) retail spaces, building services, common areas, and apartment units and apartment units on levels two through seven. The proposed building will be seven stories tall with one level of underground parking on the west side of the structure and two levels of underground parking on the east side of the structure.

The Property is shown relative to surrounding physical features on Figure 1. The Property layout is shown on Figure 2. Acronyms and abbreviations used herein are defined above, immediately following the Table of Contents.

2.0 BACKGROUND AND REGULATORY STATUS

Our review of historical sources from 1889 through 2019 indicated that the Property was vacant land until sometime prior to 1901. By 1901 a residence was constructed on the southeast portion of the Property. By 1909 additional residences and a telephone office had been constructed. By 1924 a pie bakery was constructed on the southwestern portion of the Property. By 1969 the residences were demolished and a parking lot was constructed. By 2005 the Property was occupied by AJP Northwest and A&S Marketing. The Property has remained relatively unchanged since that time. The Property currently consists of office space and a warehouse for the storage and sale of paper products, janitorial supplies, and tobacco products.

According to information obtained during GeoDesign's Phase I ESA, the following two LUST file numbers pertain to the Property: 26-16-1462 and 26-91-0267. In addition, the Property is listed on the DEQ RGA LUST and DEQ UST databases and the EPA FINDS database. The DEQ RGA LUST database contains a list of leaking UST incidents derived from historical databases and includes many records that no longer appear in current government lists. The DEQ UST database includes a listing of facilities with registered USTs. The Property is identified on the DEQ UST database as UST Facility I.D. 6680. The EPA FINDS database is an inventory or reference list and does not imply a release or REC at the Property. Further information regarding the LUST files and the UST database listing are summarized in Section 3.0.

3.0 PREVIOUS ENVIRONMENTAL INVESTIGATIONS

GeoDesign performed a Phase I ESA of the Property in 2019. The results of the Phase I ESA are summarized in the Phase I ESA report prepared by GeoDesign dated May 16, 2019. The May 16, 2019 Phase I ESA revealed the following:

- Residual petroleum hydrocarbons and related constituents in soil associated with a former heating oil UST located in the sidewalk adjacent to the southwest portion of the Property (LUST File No. 26-16-1462) represents a REC at the Property.
- LUST File No. 26-91-0267 associated with two former gasoline USTs located on the northwest portion of the Property represents an HREC at the Property.
- The historical presence of a decommissioned in-place UST on the Property represents a REC at the Property.
- Historical records of one heating oil UST and one heating oil AST located on the Property represent a REC in connection with the Property.
- Evidence of two USTs located in the sidewalk along SE Belmont Street adjacent south of the Property and one UST located in the parking lot on the east portion of the Property represents a REC at the Property.
- Chemical constituents identified in groundwater beneath the Piacentini Property, located approximately 130 feet southeast of the Property (upgradient of the Property relative to the groundwater flow direction), represents a REC at the Property. Based on our review of environmental information for surrounding sites, it is possible that chemical constituents may be present in groundwater beneath the Property from multiple off-site sources
- A suspect circular feature was observed in the east-central portion of the Property's main parking lot and could not be ruled out as a possible drywell.

Based on the results of the Phase I ESA, GeoDesign recommended conducting a Phase II ESA at the Property (including a geophysical survey) to evaluate potential releases from the former and existing on- and off-site USTs and the potential drywell. GeoDesign also recommended that the Phase II ESA should include a clean fill evaluation to evaluate the quantity of soil that may need to be disposed of as solid waste if exported during future redevelopment.

4.0 SCOPE OF SERVICES

The purpose of the Phase II ESA was to evaluate the nature and extent of potential chemical constituents in various media at the Property. The Phase II ESA scope of services was developed to evaluate the RECs identified during the Phase I ESA and to confirm the presence or absence of the on- and off-site USTs and the potential drywell. In addition, the Phase II ESA was conducted to evaluate chemical constituents in soil with respect to risk to human health (by comparison to DEQ RBCs) and with respect to DEQ CFSLs to estimate the quantity of soil that may need to be disposed of as solid waste if exported during future redevelopment. The specific scope of services conducted at the Property included the following:

- Coordinated and managed the field investigation, including utility checks, Property access authorizations, access preparations, and scheduling subcontractors and GeoDesign field staff.
- Subcontracted a geophysical surveyor to conduct a geophysical survey in the accessible exterior portions of the Property to evaluate for the presence of magnetic anomalies (including potential USTs) and drywells.
- Contacted the Oregon Utility Notification Center to mark the locations of public utilities beneath the ROWs surrounding the Property.
- Subcontracted a private utility locator to clear an approximately 10-foot radius around each proposed boring location.
- Subcontracted ESN Northwest Inc. of Olympia, Washington, to advance 17 direct-push borings (DP-1 through DP-17) to depths of up to 30 feet BGS.
- Advanced two hand auger borings (HA-1 and HA-2) to depths of 16 feet and 10 feet BGS, respectively, using hand-held equipment owned and operated by GeoDesign.
- Collected continuous soil samples from each boring for visual evaluation and field screening. Field screening consisted of visual observation, water sheen testing, and headspace vapor measurements using a hand-held PID.
- Based on the results of field screening and/or the boring locations relative to features of interest (such as the USTs and the suspect circular features), submitted two soil samples from borings DP-5, DP-6, DP-7, DP-11 and DP-12 and one sample from hand auger boring HA-1 for hydrocarbon identification analysis by Method NWTPH-HCID. In addition, submitted up to three soil samples from each boring (except DP-17) for analysis of one or more of the following:
  - VOCs by EPA Methods 5035A/8260C
  - PCBs by EPA Method 8082A
  - RCRA 8 total metals by EPA Method 6020A (ICP-MS)
  - Leachable lead by EPA Methods 1311/6020A (ICP-MS)
  - PAHs by EPA Method 8270D SIM
- Advanced two additional borings (SG-1 and SG-2) for the purpose of collecting soil gas samples and collected one sub-slab vapor sample (SV-1) to evaluate potential future vapor intrusion conditions as follows:
  - Advanced the Geoprobe PRT system to a predetermined depth in SG-1 and SG-2 using equipment owned and operated by ESN Northwest Inc. of Olympia, Washington.
  - Drilled a ¼-inch-diameter hole through the concrete floor slab of the basement using equipment owned and operated by GeoDesign to facilitate collection of sub-slab vapor sample SV-1.
  - Connected new Teflon® tubing to the PRT system (for SG-1 and SG-2) and the new Teflon® tubing advanced below the concrete floor slab (for SV-1) to laboratory-supplied summa canisters.
  - Sealed the annular spaces between the vapor point and the boring sidewall and between the tubing and the concrete floor slab with hydrated bentonite to minimize ambient air migration into the sampling zone.
  - Installed a leak-check system at the soil gas and sub-slab vapor sample locations.

    - Collected the soil gas samples and the sub-slab vapor sample using 1-liter summa sample canisters with in-line filters (2 microns) and flow controllers (less than 200 milliliters per minute). The initial and final vacuum pressures of each summa canister were measured and recorded on the laboratory chain-of-custody form.
- Submitted the soil gas samples to a chemical analytical laboratory for analysis of gasoline-range hydrocarbons and VOCs by EPA Method TO-15.
- Following sampling, abandoned each borehole in accordance with OWRD rules and regulations and repaired the ground surface, as appropriate.
- Placed soil cuttings and decontamination water in Department of Transportation-approved drums for temporary storage at the Property and pending disposal at an approved facility.
- Summarized the results of the Phase II ESA in this report.

5.0 FIELD ACTIVITIES

Field activities were performed on May 4, 11 and 15, 2019 and included (1) a geophysical survey, (2) collecting soil samples from 16 direct-push soil borings (DP-1 through DP-16) and two hand auger borings (HA-1 and HA-2) for chemical analysis, and (3) collecting soil gas samples from two borings (SG-1 and SG-2) and a sub-slab vapor sample (SV-1) for chemical analysis. Upon completion of all sampling activities the borings were backfilled in accordance with OWRD rules and regulations and the ground surface was patched. The locations of borings DP-1 through DP-16, hand auger borings HA-1 and HA-2, and soil gas borings SG-1 and SG-2, and sub-slab vapor point are shown on Figure 2. A description of our field procedures is summarized in Appendix A. The geophysical survey and soil, soil gas, and sub-slab vapor sampling activities are described below.

5.1 GEOPHYSICAL SURVEY

On May 4, 2019 Pacific Geophysics of Portland, Oregon, conducted a geophysical survey of the exterior portions of the Property (including the adjacent sidewalks) using ground penetrating radar and radio detection transmitter equipment. The objective of the geophysical survey was to (1) identify the location, depth, and orientation of two known USTs beneath the sidewalk adjacent south of the Property; (2) confirm the removal of the gasoline USTs in the small parking lot/loading dock area at the northwest corner of the Property; (3) identify the location, depth, and orientation of the suspected decommissioned in-place UST immediately east of the Property structure in the main parking lot; (4) determine the location of the piping associated with a catch basin located in the small parking lot/loading dock area; (5) determine the location of the piping associated with a catch basin located in the main parking lot; and (6) evaluate two suspect circular features in the main parking lot (potential drywells). The report prepared by Pacific Geophysics, dated May 17, 2019, is presented in Appendix B. The results of the geophysical survey are briefly summarized below.

5.1.1 USTs – South Adjacent Sidewalk

Two off-site USTs were confirmed located beneath the sidewalk adjacent south of the Property (Figure 2). The access ports to both USTs were opened, revealing brick-lined manways to secured lids on the top of the USTs. The lids could not be opened at the time of the survey, and the depths to the bottom of the USTs could not be measured. The top of the USTs were measured between approximately 4 and 5 feet BGS. Based on the results of the geophysical

survey, the western UST is approximately 15 feet long and the eastern UST is likely similar in length (as underground utilities prevented an accurate location of the east end of the eastern UST). The width of both USTs appears to be approximately 4 to 5 feet. Therefore, it is likely the bottoms of the USTs are approximately 8 to 10 feet BGS.

5.1.2 Removed USTs – Small Parking Lot/Loading Dock Area

The geophysical survey did not reveal the presence of metallic objects within the area of the asphalt patch (Figure 2) visible at the surface of the parking lot/loading dock area. Reflections typical of a UST excavation were observed across the patch. Although several tank-like reflections were observed in parallel profiles conducted at the east end of the assumed former UST pit, corresponding magnetic anomalies were not observed. The reflections were irregular in the profiles conducted in a perpendicular direction. The geophysical survey report indicates that it is unlikely the reflections are from a UST and are more likely debris, but the existence of a non-metallic tank cannot be ruled out. Given the historical information reviewed and summarized in GeoDesign's Phase I ESA report, dated May 16, 2019, it is likely the two former gasoline USTs were removed as previously reported by others.

5.1.3 On-Site Decommissioned In-Place UST – Main Parking Lot

The location and orientation of one on-site UST was identified in the main parking lot immediately east of the Property structure (Figure 2). The fill port and access port to the UST were located and opened. The cap to the fill port was removed and the depth of the UST and residual product were gauged. The top of the UST is approximately 4.6 feet BGS, the bottom of the UST is approximately 11 feet BGS, and approximately 2.75 feet of sludge was measured in the UST at the location of the fill port. Granular backfill material was observed to the top of the access port. Presumably, this material was used to "decommission" the UST in place in 1988. The length of the decommissioned in-place UST could not be accurately determined due to interference from nearby parked vehicles.

It is possible this UST is the same UST that was documented as decommissioned in place in DEQ's files that were reviewed as part of GeoDesign's Phase I ESA. However, since detailed documentation regarding the former location of the decommissioned in-place UST were not available or provided, GeoDesign cannot be certain the observed decommissioned in-place UST at the Property is the same decommissioned in-place UST noted in DEQ's files.

5.1.4 Catch Basin Piping Route – Small Parking Lot/Loading Dock Area

The outflow pipe from the catch basin in the small parking lot/loading dock area extends toward the southwest, beneath the loading dock and likely connects to previously marked storm sewer pipes identified by the City of Portland located beneath the sidewalk adjacent west of the Property (Figure 2). The geophysical survey corroborates the information obtained from James Hyatt (engineering technician with the City of Portland Bureau of Environmental Services) in an interview conducted during our Phase I ESA. Mr. Hyatt indicated that the City of Portland has records of catch basins permitted on the Property that connect to the Property's sewer line and likely discharge to the City of Portland's combined sewer system.

5.1.5 Catch Basin Piping Route – Main Parking Lot

The outflow pipe from the catch basin in the central portion of the main parking lot extends toward the south for several feet, then elbows approximately 90 degrees, and extends toward the east. The signal was lost, but again picked up in the vicinity of a pair of sewer pipes that were previously marked by the City of Portland (Figure 2). This catch basin appears connected to the City of Portland's sewer system and not to the suspect circular features described in Section 5.1.6. The geophysical survey corroborates the information obtained from Mr. Hyatt in an interview conducted during our Phase I ESA. Mr. Hyatt indicated that the City of Portland has records of catch basins permitted on the Property that connect to the Property's sewer line and likely discharge to the City of Portland's combined sewer system.

5.1.6 Suspect Circular Features – Main Parking Lot

The results of the geophysical survey conducted in the vicinity of the circular features near the east-central portion of the main parking lot did not identify reflections from buried objects similar to drywells.

Upon completion of the survey in the vicinity of the above features, a suspect circular access port was observed in the sidewalk adjacent north of the Property. The lid to the access port could not be opened. Reflections typical of rebar above a void were observed. A vaulted basement extending beneath the sidewalk spanning the structure's facade may be present. It is possible the port is a coal (or similar fuel) chute or access for a possible tank in the basement or beneath the access port. GeoDesign personnel did not observe the presence of an AST in the basement.

5.2 SUBSURFACE INVESTIGATION - SOIL

The direct-push borings were advanced using drilling equipment owned and operated by ESN Northwest, Inc. of Olympia, Washington, to depths between 15 and 20 feet BGS (except for borings DP-4, DP-14, DP-16, and DP-17). Boring DP-4 was advanced to a depth of 30 feet BGS to evaluate deeper native soil conditions. Borings DP-14 and DP-16 were advanced to a depth of 14 feet BGS, and boring DP-17 was advanced to a depth of 2 feet BGS, where it met refusal (possible utility). The borings were located to evaluate potential releases from the USTs, and subsurface conditions beneath the exterior portions of the Property (including the USTs and the suspect circular features near the east-central portion of the Property) and beneath the interior portions of the Property structure (including the basement and main floor of the structure and near the interior floor drains).

A GeoDesign representative observed the drilling activities and collected soil samples from the borings for field screening purposes and potential chemical analysis (excluding DP-17). Field screening included visual observation, water sheen screening, and headspace vapor screening using a hand-held PID. Field screening evidence of contamination was not observed in soil collected from the borings. Field screening results for the soil samples collected from the direct-push borings are shown on the boring logs presented in Appendix A. A description of our field exploration program is also summarized in Appendix A.

5.2.1 Subsurface Conditions

In general, subsurface conditions at the Property consist of alluvial clay, sand, and gravel underlying exterior AC pavement or interior concrete floor slabs. The AC pavement located at

the surface of the exterior borings was 3 to 6 inches thick. The concrete floor slabs at the locations of the interior borings was 4 to 12 inches thick. Some borings in the main parking lot encountered 3 to 18 inches of aggregate base underlying the AC and up to 7 inches of aggregate base in the small parking lot/loading dock area. Approximately 12 and 19 inches of pea gravel was encountered beneath the concrete floor slab at the locations of borings DP-13 and DP-17, respectively.

Alluvial clay and sand (with varying amounts of silt) were encountered underlying the AC pavement, concrete floor slab, and/or fill (aggregate base and pea gravel) to the maximum depths explored (with the exception of boring DP-17, which met refusal at 2 feet BGS, due to an unidentified obstruction). Trace organics were observed in the alluvial silty sand at depths of 2.5 and 8 feet BGS in boring HA-1. Groundwater was not encountered in the borings but was measured at depths between 34.1 and 35.1 feet BGS in a vibrating wire piezometer installed during our geotechnical investigation in March and April 2019.

5.2.2 Soil Sampling

Up to three soil samples were collected from borings DP-1 through DP-16, HA-1, and HA-2. A total of 41 soil samples were collected from the borings and submitted to Apex Laboratories (Apex) of Tigard, Oregon, under standard chain-of-custody protocols for one or more of the following analysis:

- Hydrocarbon identification by Method NWTPH-HCID
- VOCs by EPA Methods 5035A/8260C
- PCBs by EPA Method 8082A
- RCRA 8 total metals by EPA Method 6020A (ICP-MS)
- Leachable lead by EPA Methods 1311/6020A (ICP-MS)
- PAHs by EPA Method 8270D SIM

Soil sample designations and sample depths are shown in Tables 1 through 5. The chemical analytical program details, laboratory reports, and chain-of-custody documentation are presented in Appendix C.

5.3 SUBSURFACE INVESTIGATION – SOIL GAS

Two soil gas borings (SG-1 and SG-2) were advanced with equipment owned and operated by ESN Northwest, Inc. of Olympia, Washington. The soil gas samples were collected from the borings at approximately 15 feet BGS. The soil gas samples were submitted to PACE Analytical of Mount Juliet, Tennessee, for analysis of gasoline-range hydrocarbons and VOCs by EPA Method TO-15. The soil gas sample designations and chemical analytical data are summarized in Table 6. The chemical analytical program details, laboratory report, and chain-of-custody documentation are presented in Appendix C.

5.4 SUBSURFACE INVESTIGATION –SUB-SLAB VAPOR

One sub-slab vapor samples (SV-1) was collected with equipment owned and operated by GeoDesign. The sub-slab vapor sample was collected immediately beneath the concrete floor slab in the basement of the Property structure. The sub-slab vapor sample was submitted to PACE Analytical of Mount Juliet, Tennessee, for analysis of gasoline-range hydrocarbons and

VOCs by EPA Method TO-15. The sub-slab vapor sample designation and chemical analytical data are summarized in Table 6. The chemical analytical program details, laboratory report, and chain-of-custody documentation are presented in Appendix C.

6.0 REGULATORY SCREENING LEVELS

A conceptual site model was not prepared for the project as part of this assessment. However, as described above, GeoDesign understands that redevelopment will include demolition of the existing on-site commercial structure and construction of a new mixed-use, seven-story structure with one level of underground parking on the west side of the structure and two levels of underground parking on the east side of the structure. The ground floor level (first floor above the parking levels) will include retail spaces and apartment units. The second through seventh levels will consist of apartment units. We also understand that groundwater beneath the Property will not be used as a drinking water source in the foreseeable future and the future redevelopment will likely include excavation and off-site disposal of subsurface soil.

Considering the redevelopment plans for the Property, the following DEQ RBCs were selected for comparison of soil, groundwater, and soil gas chemical analytical results obtained during this assessment:

- *Soil Ingestion, Dermal Contact, and Inhalation:* occupational, construction worker, and excavation worker receptors
- *Volatilization to Outdoor Air:* occupational receptors
- *Vapor Intrusion into Buildings:* occupational receptors

The DEQ *Leaching to Groundwater* RBCs are not used for comparison purposes as the *Leaching to Groundwater* exposure pathway is not considered complete due to the fact that the City of Portland provides potable water to the Property and the surrounding properties.

Soil chemical analytical results are compared to DEQ *Soil Ingestion, Dermal Contact, and Inhalation* RBCs for occupational, construction worker, and excavation worker receptors and to DEQ *Volatilization to Outdoor Air* and *Vapor Intrusion into Buildings* RBCs for occupational receptors in Tables 1 through 5. Soil gas and sub-slab vapor chemical analytical results are compared to DEQ *Vapor Intrusion into Buildings* RBCs for occupational receptors in Table 6.

To facilitate characterization of soil for disposal purposes, soil chemical analytical results were also compared to established DEQ CFSLs, updated February 21, 2019. Soil containing chemical constituents at concentrations below the DEQ CFSLs can be re-used on site or disposed of off site without restrictions. Soil containing chemical constituents at concentrations greater than DEQ CFSLs must be managed as solid waste and disposed of at a RCRA Subtitle C or D landfill, or other appropriately permitted facility, if exported from the Property. In addition, as recommended in DEQ's internal management directive, updated on February 21, 2019, statistical analysis was used in cases where one or more analytes were detected at concentrations greater than DEQ CFSLs. As noted in the directive, the calculation of a 90% UCL is often an appropriate statistical method to determine if the soil meets DEQ's clean fill criteria. The statistical software ProUCL was used for analysis to select the best-fit UCL based on sample size, data distribution,

and skewness. Soil chemical analytical results are compared to the applicable DEQ CFSLs in Tables 1 through 5. The ProUCL-calculated 90% UCLs for select analytes are presented in Table 3. The ProUCL output data sheets for the calculated 90% UCLs are presented in Appendix D.

7.0 CHEMICAL ANALYTICAL RESULTS

7.1 SOIL SAMPLE ANALYTICAL RESULTS

A total of 41 soil samples were submitted for chemical analysis. A comparison of the soil sample chemical analytical results to applicable regulatory criteria is shown in Tables 1 through 5 and discussed below. The laboratory reports are presented in Appendix C.

7.1.1 Hydrocarbon Identification

Eleven[1] soil samples were qualitatively analyzed for hydrocarbon identification by Method NWTPH-HCID. Gasoline-, diesel-, and oil-range hydrocarbons were not qualitatively detected in the soil samples submitted for analysis.

7.1.2 VOCs

Each sample was analyzed for VOCs by EPA Methods 5035A/8260C. VOCs were not detected at concentrations above the laboratory MRLs in the soil samples submitted for analysis.

7.1.3 RCRA 8 Total Metals

Each sample was analyzed for RCRA 8 total metals by EPA Method 6020A (ICP-MS). Barium, chromium, mercury, selenium, and silver were either not detected at concentrations greater than the laboratory MRLs or were detected at concentrations less than applicable DEQ RBCs and CFSLs.

Arsenic was detected in each soil sample [with the exception of DP-7(1-2)] at concentrations ranging from 3.32 to 13.0 mg/kg, which are greater than the DEQ *Soil Ingestion, Dermal Contact, and Inhalation* RBCs for occupational receptors. In addition, the detected concentrations of arsenic in 16 of the 40 soil samples exceed the DEQ-established naturally occurring background concentration (the CFSL) for arsenic of 8.8 mg/kg. However, the calculated 90% UCL concentration for arsenic (8.039 mg/kg) is less than the DEQ CFSL of 8.8 mg/kg. Therefore, the arsenic concentrations in the soil will not present unacceptable risk to future receptors and do not necessitate the need for the soil to be managed as solid waste.

Cadmium was detected in each soil sample [with the exception of samples DP-7(1-2) and DP-8(1.5-2.5) at concentrations ranging from 0.318 to 1.08 mg/kg. The detected concentrations of cadmium are less than the applicable DEQ RBCs. However, the detected concentrations of cadmium in 24 of the 41 samples are greater than the DEQ-established naturally occurring background concentration (the CFSL) for cadmium of 0.63 mg/kg. The calculated 90% UCL concentration of cadmium (0.75 mg/kg) is slightly greater than the DEQ CFSL of 0.63 mg/kg. It is our professional opinion that the cadmium concentrations represent naturally occurring

[1] DP-5(8.5-9.5), DP-5(13-14), DP-6(8-9), DP-6(12.5-13.5), DP-7(6.5-7.5), DP-7(11.5-12.5), DP-11(10-11), DP-11(18-19), DP-12(12-13), DP-12(16-17), HA-1(15-15.5)

background conditions and by themselves do not necessitate the need for the soil to be managed as solid waste and do not pose an unacceptable risk to future users of the Property based on the following:

- The subsurface soil is native alluvium and there is no known source for the elevated cadmium.
- The detected concentrations of cadmium do not exhibit a high degree of variability.
- The calculated 90% UCL concentration of cadmium is only 16 percent greater than the DEQ CFSL of 0.63 mg/kg (a difference of 0.12 mg/kg).
- All detected cadmium concentrations are less than the most conservative DEQ RBCs.

Lead was detected in each of the samples at concentrations ranging from 3.06 to 194 mg/kg. The detected concentrations of lead are less than the applicable DEQ RBCs. However, the detected concentrations of lead in samples DP-4(0.5-1.5) and DP-5(1-2) are greater than the DEQ-established naturally occurring background concentration (the CFSL) for lead of 28 mg/kg. However, by excluding the lead concentration represented by sample DP-4(0.5-1.5) from the dataset, the calculated 90% UCL concentration of lead in the soil (12.34 mg/kg) is less than the DEQ CFSL of 28 mg/kg. Therefore, the lead concentrations in the soil (with the exception of the soil represented by sample DP-4(0.5-1.5) do not necessitate the need for the soil to be managed as solid waste.

Soil at and in the vicinity of sample DP-4(0.5-1.5) should be temporarily stockpiled and characterized to evaluate disposal options. Confirmation soil samples should be collected from the excavation limits to confirm lead exceeding CFSL is no longer present.

7.1.4 Leachable Lead

Since soil sample DP-4(0.5-1.5) exhibited a lead concentration exceeding the EPA threshold limit of 100 mg/kg, this sample was also submitted for TCLP lead analysis by EPA Methods 1311/6020A (ICP-MS). The TCLP analysis simulates the leaching action of water seeping through waste in a landfill. If the concentration of the contaminant (in this case lead) is greater than EPA's TCLP limit (5.0 mg/L), the waste is considered a "toxicity characteristic" hazardous waste. TCLP lead was not detected at a concentration greater than the laboratory MRL (0.05 mg/L). Therefore, the lead-impacted fill at the location and depth of sample DP-4(0.5-1.5) does not have to be managed as hazardous waste.

7.1.5 PAHs

Each sample was submitted for analysis of PAHs by EPA Method 8270D SIM. PAHs were either not detected at concentrations greater than the laboratory MRLs or were detected at concentrations less than applicable DEQ RBCs and CFSLs.

7.1.6 PCBs

Each sample was submitted for analysis of PCBs by EPA Method 8082A. PCBs were not detected at concentrations greater than the laboratory MRLs.

7.2 SOIL GAS SAMPLE ANALYTICAL RESULTS

A comparison of the soil gas sample chemical analytical results to applicable regulatory criteria is shown in Table 6 and discussed below. The laboratory report is presented in Appendix C.

7.2.1 Gasoline-Range Hydrocarbons

Soil gas samples SG-1(15) and SG-2(15) were submitted for analysis of gasoline-range hydrocarbons by EPA Method TO-15. Gasoline-range hydrocarbons were not detected above the laboratory MRL in soil gas sample SG-1(15). Gasoline-range hydrocarbons were detected in soil gas sample SG-2(15) at a concentration of 454 µg/m^3. The detected concentration of gasoline-range hydrocarbons is less than the applicable DEQ RBCs.

7.2.2 VOCs

Soil gas samples SG-1(15) and SG-2(15) were submitted for analysis of VOCs by EPA Method TO-15. VOCs were either not detected in the soil gas samples at concentrations greater than the laboratory MRLs or were detected at concentrations ranging from 1.89 µg/m^3 [styrene in sample SG-2(15)] to 60.8 µg/m^3 [acetone in sample SG-2(15)]. The detected concentrations of VOCs are less than the applicable DEQ RBCs.

7.3 SUB-SLAB VAPOR SAMPLE ANALYTICAL RESULTS

A comparison of the sub-slab vapor sample chemical analytical results to applicable regulatory criteria is shown in Table 6 and discussed below. The laboratory report is presented in Appendix C.

7.3.1 Gasoline-Range Hydrocarbons

Sub-slab vapor sample SV-1 was submitted for analysis of gasoline-range hydrocarbons by EPA Method TO-15. Gasoline-range hydrocarbons were not detected above the laboratory MRL in sub-slab vapor sample SV-1.

7.3.2 VOCs

Sub-slab vapor sample SV-1 was submitted for analysis of VOCs by EPA Method TO-15. VOCs were either not detected in the sub-slab vapor sample at concentrations greater than the laboratory MRLs or were detected at concentrations ranging from 1.12 µg/m^3 (chloromethane) to 104 µg/m^3 (acetone). The detected concentrations of VOCs are less than the applicable DEQ RBCs.

8.0 CONCLUSIONS AND RECOMMENDATIONS

GeoDesign conducted a Phase II ESA of the Property to evaluate the nature and extent of chemical constituents in media at the Property. The Phase II ESA scope of services was developed to evaluate the RECs identified during the Phase I ESA and to confirm the presence or absence of the on- and off-site USTs and the potential drywell. In addition, the Phase II ESA was conducted to evaluate the soil with respect to risk to human health (by comparison to DEQ RBCs) and with respect to DEQ CFSLs to estimate the quantity of soil that may need to be disposed of as solid waste if exported during future redevelopment. Based on the results of the Phase II ESA, the following can be concluded:

- In general, historical use of the Property does not appear to have introduced chemical constituents to subsurface soil or soil gas beneath the Property with the exception of the potential for petroleum hydrocarbons in limited areas near former USTs. In the event field screening evidence of petroleum hydrocarbons in soil is encountered in these areas during construction, the contractor should cease work in the area of the discovery and notify Mill Creek Residential Trust so that the soil can be managed appropriately.
- Metals, with the exception of lead detected in one soil sample, were generally detected at concentrations either less than the laboratory MRLs or at concentrations representative of naturally occurring background conditions. Provided the soil does not exhibit field screening evidence of petroleum contamination (odor, staining, sheen, and/or elevated PID readings) during construction, the majority of the subsurface soil appears suitable for management as clean fill with the exceptions of the following:
- Lead was detected in in soil sample DP-4(0.5-1.5) at a concentration above the DEQ CFSL, but less than applicable DEQ RBCs. Further delineation of lead in the area of sample DP-4(0.5-1.5) has recently been conducted. Results of the supplemental sampling activities will be reported under separate cover and incorporated into the SWMP. Soil generated from this area during construction may need to be temporarily stockpiled and characterized to evaluate disposal options.
- Arsenic and cadmium were detected in select samples at concentrations above DEQ CFSLs, but within typical naturally occurring concentrations for the area. The calculated 90% UCL for arsenic (8.039 mg/kg) is below the DEQ CFSL of 8.8 mg/kg. The calculated 90% UCL concentration for cadmium (0.75 mg/kg) is slightly greater than the DEQ CFSL of 0.63 mg/kg. Based on the low levels detected, the lack of source of arsenic and cadmium, and general low variability of the detected concentrations in the native soil, it is our opinion that the arsenic and cadmium concentrations are representative of naturally occurring background concentrations. Based on these results, it is GeoDesign's opinion that the detected concentrations of arsenic and cadmium in the soil at the Property do not present unacceptable risk to future receptors or necessitate the need for the soil to be managed as solid waste.
- The geophysical survey confirmed the presence of two known off-site USTs (beneath the adjacent sidewalk south of the Property) and one known on-site decommissioned in-place UST (east of the Property structure in the main parking lot). These known USTs should be decommissioned by removal by a licensed UST service provider in accordance with current applicable DEQ rules and regulations.
- Although the geophysical survey did not indicate the presence of additional USTs, the possible presence of additional USTs at the Property cannot be fully ruled out. In the event an undocumented UST is encountered during construction, the contractor should cease work in the area of the discovery and notify Mill Creek Residential Trust and the City of Portland so the UST can be decommissioned by a licensed UST service provider in accordance with current applicable DEQ rules and regulations. Additional soil sampling and characterization of soil maybe necessary based on field observation during decommissioning.
- The geophysical survey did not confirm the presence of drywells on site. However, if drywells are encountered at the Property during construction, the drywells should be decommissioned in accordance with state and local regulations.

Based on the findings of the Phase II ESA, GeoDesign recommends the preparation of a SWMP to provide protocol for the management of soil at the Property during redevelopment. The SWMP will consist of the following elements:

- Description of known soil conditions
- Guidance on how to identify suspect soil
- Identification of actions to be taken if suspect soil is encountered
- Description of how to manage stockpiled soil, if needed
- A description of proper management and disposal of soil
- Protocols for the collection of soil samples for characterization purposes, as warranted

As a contingency, the SWMP will include appropriate UST management protocols, if encountered during construction.

9.0 LIMITATIONS

This report has been prepared for Mill Creek Residential Trust. This report is not intended for use by others, and the information contained herein is not applicable to other sites. Reliance by other parties must be approved by GeoDesign, Inc. in accordance with our standard contractual process for third-party reliance. Our interpretations of subsurface conditions are based on data from select soil, groundwater, and soil gas and sub-slab vapor samples collected from this limited area. The results of the analyses only indicate the presence or absence of those chemical constituents analyzed in those discrete sample locations. It is always possible that chemical constituents could exist between the widely spaced exploration locations. Analytical data from the laboratory samples should only be considered as indicators of Property conditions and not a guarantee of the absence of subsurface impact in areas not sampled.

The conclusions presented in this report are based on our observations made during field investigations and chemical analytical data. The findings of this assessment should be considered as a professional opinion based on our evaluation of selected and limited data.

Our services have been executed in accordance with the generally accepted practices in this area at the time this report was prepared. No warranty or other conditions, express or implied, should be understood.

♦ ♦ ♦

We appreciate the opportunity to be of service to Mill Creek Residential Trust. Please call if you have questions regarding this report.

Sincerely,

GeoDesign, Inc.

Kyle R. Sattler, L.G. (Washington)
Senior Project Geologist

Jason O'Donnell, R.G.
Principal Geologist

FIGURES

GEODESIGN INC
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MILLCREEK-19-01-02	**VICINITY MAP**	
JULY 2019	MODERA MORRISON PORTLAND, OR	**FIGURE 1**

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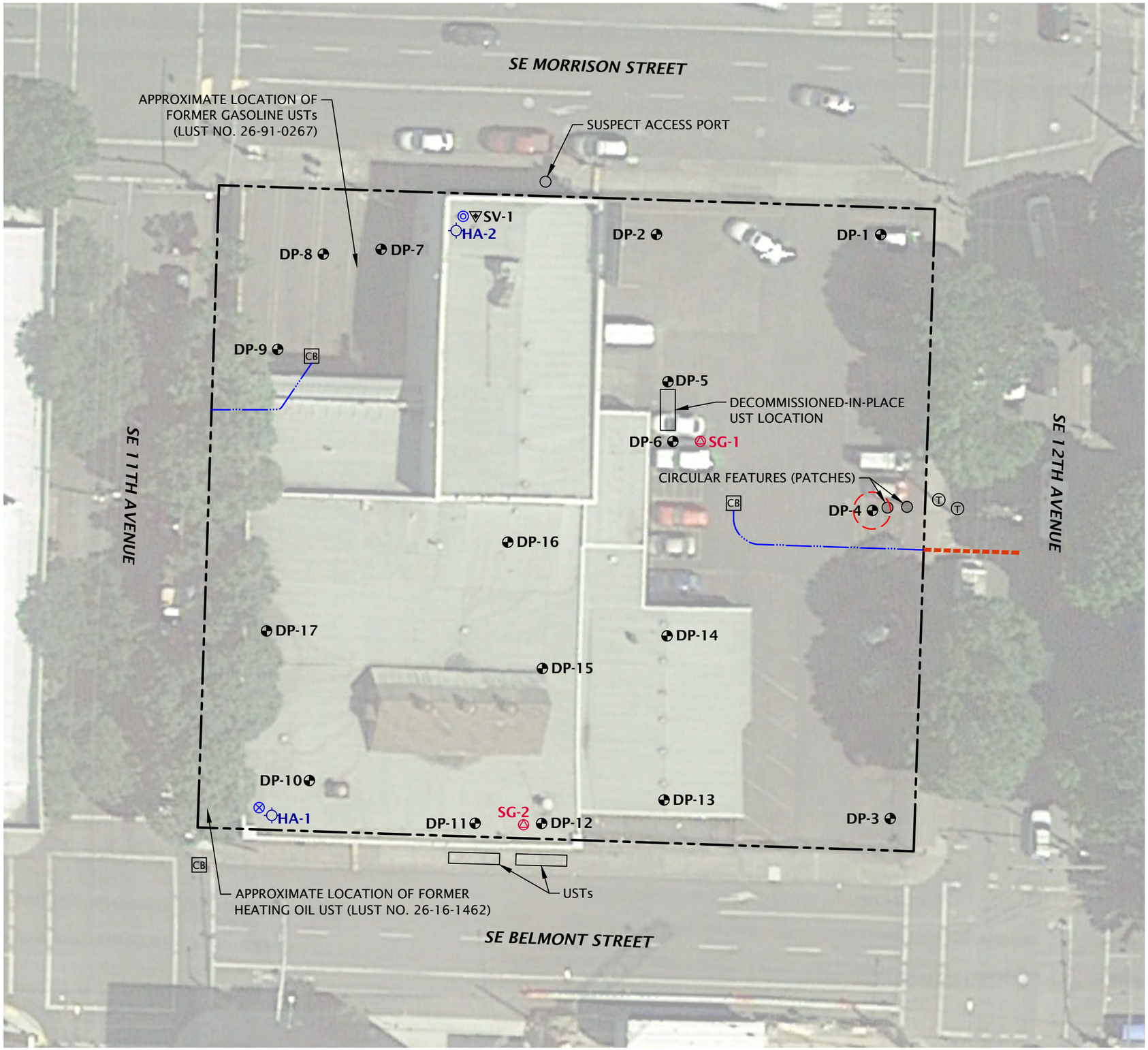

LEGEND:

- PROPERTY BOUNDARY
- DP-1 — DIRECT-PUSH BORING (2019)
- CB — CATCH BASIN
- T — POLE-MOUNTED TRANSFORMER
- FLOOR DRAIN IN OFFICE BASEMENT
- FLOOR DRAIN IN WAREHOUSE BATHROOM
- 6-INCH LATERAL STORMWATER SEWER LINE (PERMIT 84686) INSTALLED IN 1967
- EFFLUENT PIPING FROM CATCH BASINS
- HA-1 — HAND AUGER BORING (2019)
- SG-1 — SOIL GAS BORING (2019)
- SV-1 — SUB-SLAB VAPOR POINT (2019)
- ESTIMATED EXTENT OF ELEVATED LEAD (GREATER THAN 100 MG/KG) CONTAMINATED SOIL (0.5 TO 1.5 FEET BGS)

N

0 30 60

(SCALE IN FEET)

SITE PLAN BASED ON AERIAL PHOTOGRAPH OBTAINED FROM GOOGLE EARTH PRO®, MARCH 22, 2019

SITE PLAN

MODERA MORRISON
PORTLAND, OR

FIGURE 2

MILLCREEK-19-01-02

JULY 2019

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TABLES

TABLE 1
Summary of Soil Sample Chemical Analytical Results
Petroleum Hydrocarbons
Modera Morrison
1120 SE Morrison Street
Portland, Oregon

Sample I.D. (depth in feet BGS)	Sample Date	Hydrocarbon Identification by Method NWTPH-HCID (mg/kg)		
		Gasoline-Range	Diesel-Range	Oil-Range
DP-5(8.5-9.5)	05/11/19	23.9 U	59.7 U	119 U
DP-5(13-14)	05/11/19	22.0 U	55.0 U	110 U
DP-6(8-9)	05/11/19	25.0 U	62.6 U	125 U
DP-6(12.5-13.5)	05/11/19	25.0 U	62.6 U	125 U
DP-7(6.5-7.5)	05/11/19	18.4 U	46.1 U	92.2 U
DP-7(11.5-12.5)	05/11/19	21.9 U	54.8 U	110 U
DP-11(10-11)	05/11/19	22.2 U	55.4 U	111 U
DP-11(18-19)	05/11/19	21.6 U	53.9 U	108 U
DP-12(12-13)	05/11/19	21.9 U	54.7 U	109 U
DP-12(16-17)	05/11/19	21.1 U	52.7 U	105 U
HA-1(15-15.5)	05/15/19	22.5 U	56.3 U	113 U
DEQ Generic RBCs[1]				
Soil Ingestion, Dermal Contact, and Inhalation				
Occupational		NE	NE	NE
Construction Worker		NE	NE	NE
Excavation Worker		NE	NE	NE
Volatilization to Outdoor Air				
Occupational		NE	NE	NE
Vapor Intrusion into Buildings				
Occupational		NE	NE	NE
DEQ CFSLs[2]		31	1,100	NE

Notes:
1. DEQ Generic RBCs dated May 2018
2. DEQ CFSLs dated February 21, 2019
U: Not detected. Reporting or detection limit shown.

TABLE 2
Summary of Soil Sample Chemical Analytical Results
VOCs
Modera Morrison
1120 SE Morrison Street
Portland, Oregon

Sample I.D. (depth in feet BGS)	Sample Date	VOCs by EPA Methods 5035A/8260C (mg/kg)																						
		Acetone	Acrylonitrile	Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	2-Butanone (MEK)	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Carbon Disulfide	Carbon Tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	1,2-Dibromo-3-chloropropane	Dibromochloromethane
DP-1(0.5-1.5)	05/11/19	1.38 U	0.138 U	0.0138 U	0.0346 U	0.0692 U	0.138 U	0.277 U	0.692 U	0.692 U	0.0692 U	0.0692 U	0.0692 U	0.692 U	0.138 U	0.0346 U	0.692 U	0.0692 U	0.346 U	0.0692 U	0.0692 U	0.346 U	0.138 U
DP-1(11.5-12.5)	05/11/19	1.19 U	0.119 U	0.0119 U	0.0297 U	0.0593 U	0.119 U	0.237 U	0.593 U	0.593 U	0.0593 U	0.0593 U	0.0593 U	0.593 U	0.119 U	0.0297 U	0.593 U	0.0593 U	0.297 U	0.0593 U	0.0593 U	0.297 U	0.119 U
DP-2(1-2)	05/11/19	1.3 U	0.13 U	0.013 U	0.0326 U	0.0652 U	0.13 U	0.261 U	0.652 U	0.652 U	0.0652 U	0.0652 U	0.0652 U	0.652 U	0.13 U	0.0326 U	0.652 U	0.0652 U	0.326 U	0.0652 U	0.0652 U	0.326 U	0.13 U
DP-2(12-13)	05/11/19	1.37 U	0.137 U	0.0137 U	0.0342 U	0.0683 U	0.137 U	0.273 U	0.683 U	0.683 U	0.0683 U	0.0683 U	0.0683 U	0.683 U	0.137 U	0.0342 U	0.683 U	0.0683 U	0.342 U	0.0683 U	0.0683 U	0.342 U	0.137 U
DP-3(1-2)	05/11/19	1.24 U	0.124 U	0.0124 U	0.0309 U	0.0619 U	0.124 U	0.248 U	0.619 U	0.619 U	0.0619 U	0.0619 U	0.0619 U	0.619 U	0.124 U	0.0309 U	0.619 U	0.0619 U	0.309 U	0.0619 U	0.0619 U	0.309 U	0.124 U
DP-3(12-13)	05/11/19	1.71 U	0.171 U	0.0171 U	0.0427 U	0.0854 U	0.171 U	0.342 U	0.854 U	0.854 U	0.0854 U	0.0854 U	0.0854 U	0.854 U	0.171 U	0.0427 U	0.854 U	0.0854 U	0.427 U	0.0854 U	0.0854 U	0.427 U	0.171 U
DP-4(0.5-1.5)	05/11/19	1.14 U	0.114 U	0.0114 U	0.0286 U	0.0572 U	0.114 U	0.229 U	0.572 U	0.572 U	0.0572 U	0.0572 U	0.0572 U	0.572 U	0.114 U	0.0286 U	0.572 U	0.0572 U	0.286 U	0.0572 U	0.0572 U	0.286 U	0.114 U
DP-4(8-9)	05/11/19	1.46 U	0.146 U	0.0146 U	0.0366 U	0.0732 U	0.146 U	0.293 U	0.732 U	0.732 U	0.0732 U	0.0732 U	0.0732 U	0.732 U	0.146 U	0.0366 U	0.732 U	0.0732 U	0.366 U	0.0732 U	0.0732 U	0.366 U	0.146 U
DP-4(11.5-12.5)	05/11/19	1.49 U	0.149 U	0.0149 U	0.0372 U	0.0743 U	0.149 U	0.297 U	0.743 U	0.743 U	0.0743 U	0.0743 U	0.0743 U	0.743 U	0.149 U	0.0372 U	0.743 U	0.0743 U	0.372 U	0.0743 U	0.0743 U	0.372 U	0.149 U
DP-5(1-2)	05/11/19	1.28 U	0.128 U	0.0128 U	0.032 U	0.064 U	0.128 U	0.256 U	0.64 U	0.64 U	0.064 U	0.064 U	0.064 U	0.64 U	0.128 U	0.032 U	0.64 U	0.064 U	0.32 U	0.064 U	0.064 U	0.32 U	0.128 U
DP-5(8.5-9.5)	05/11/19	1.4 U	0.14 U	0.014 U	0.035 U	0.0701 U	0.14 U	0.28 U	0.701 U	0.701 U	0.0701 U	0.0701 U	0.0701 U	0.701 U	0.14 U	0.035 U	0.701 U	0.0701 U	0.35 U	0.0701 U	0.0701 U	0.35 U	0.14 U
DP-5(13-14)	05/11/19	1.43 U	0.143 U	0.0143 U	0.0356 U	0.0713 U	0.143 U	0.285 U	0.713 U	0.713 U	0.0713 U	0.0713 U	0.0713 U	0.713 U	0.143 U	0.0356 U	0.713 U	0.0713 U	0.356 U	0.0713 U	0.0713 U	0.356 U	0.143 U
DP-6(1-2)	05/11/19	1.32 U	0.132 U	0.0132 U	0.0329 U	0.0658 U	0.132 U	0.263 U	0.658 U	0.658 U	0.0658 U	0.0658 U	0.0658 U	0.658 U	0.132 U	0.0329 U	0.658 U	0.0658 U	0.329 U	0.0658 U	0.0658 U	0.329 U	0.132 U
DP-6(8-9)	05/11/19	1.64 U	0.164 U	0.0164 U	0.0411 U	0.0822 U	0.164 U	0.329 U	0.822 U	0.822 U	0.0822 U	0.0822 U	0.0822 U	0.822 U	0.164 U	0.0411 U	0.822 U	0.0822 U	0.411 U	0.0822 U	0.0822 U	0.411 U	0.164 U
DP-6(12.5-13.5)	05/11/19	1.49 U	0.149 U	0.0149 U	0.0373 U	0.0745 U	0.149 U	0.298 U	0.745 U	0.745 U	0.0745 U	0.0745 U	0.0745 U	0.745 U	0.149 U	0.0373 U	0.745 U	0.0745 U	0.373 U	0.0745 U	0.0745 U	0.373 U	0.149 U
DP-7(1-2)	05/11/19	1.27 U	0.127 U	0.0127 U	0.0317 U	0.0634 U	0.127 U	0.254 U	0.634 U	0.634 U	0.0634 U	0.0634 U	0.0634 U	0.634 U	0.127 U	0.0317 U	0.634 U	0.0634 U	0.317 U	0.0634 U	0.0634 U	0.317 U	0.127 U
DP-7(6.5-7.5)	05/11/19	1.27 U	0.127 U	0.0127 U	0.0317 U	0.0634 U	0.127 U	0.254 U	0.634 U	0.634 U	0.0634 U	0.0634 U	0.0634 U	0.634 U	0.127 U	0.0317 U	0.634 U	0.0634 U	0.317 U	0.0634 U	0.0634 U	0.317 U	0.127 U
DP-7(11.5-12.5)	05/11/19	0.944 U	0.0944 U	0.00944 U	0.0236 U	0.0472 U	0.0944 U	0.189 U	0.472 U	0.472 U	0.0472 U	0.0472 U	0.0472 U	0.472 U	0.0944 U	0.0236 U	0.472 U	0.0472 U	0.236 U	0.0472 U	0.0472 U	0.236 U	0.0944 U
DP-8(1.5-2.5)	05/11/19	1.53 U	0.153 U	0.0153 U	0.0382 U	0.0765 U	0.153 U	0.306 U	0.765 U	0.765 U	0.0765 U	0.0765 U	0.0765 U	0.765 U	0.153 U	0.0382 U	0.765 U	0.0765 U	0.382 U	0.0765 U	0.0765 U	0.382 U	0.153 U
DP-8(8-9)	05/11/19	1.34 U	0.134 U	0.0134 U	0.0335 U	0.067 U	0.134 U	0.268 U	0.67 U	0.67 U	0.067 U	0.067 U	0.067 U	0.67 U	0.134 U	0.0335 U	0.67 U	0.067 U	0.335 U	0.067 U	0.067 U	0.335 U	0.134 U
DP-8(11.5-12.5)	05/11/19	1.26 U	0.126 U	0.0126 U	0.0314 U	0.0628 U	0.126 U	0.251 U	0.628 U	0.628 U	0.0628 U	0.0628 U	0.0628 U	0.628 U	0.126 U	0.0314 U	0.628 U	0.0628 U	0.314 U	0.0628 U	0.0628 U	0.314 U	0.126 U
DP-9(1-2)	05/11/19	1.55 U	0.155 U	0.0155 U	0.0386 U	0.0773 U	0.155 U	0.309 U	0.773 U	0.773 U	0.0773 U	0.0773 U	0.0773 U	0.773 U	0.155 U	0.0386 U	0.773 U	0.0773 U	0.386 U	0.0773 U	0.0773 U	0.386 U	0.155 U
DP-9(8-9)	05/11/19	1.54 U	0.154 U	0.0154 U	0.0385 U	0.077 U	0.154 U	0.308 U	0.77 U	0.77 U	0.077 U	0.077 U	0.077 U	0.77 U	0.154 U	0.0385 U	0.77 U	0.077 U	0.385 U	0.077 U	0.077 U	0.385 U	0.154 U
DP-10(2-3)	05/11/19	1.54 U	0.154 U	0.0154 U	0.0386 U	0.0772 U	0.154 U	0.309 U	0.772 U	0.772 U	0.0772 U	0.0772 U	0.0772 U	0.772 U	0.154 U	0.0386 U	0.772 U	0.0772 U	0.386 U	0.0772 U	0.0772 U	0.386 U	0.154 U
DP-10(13-14)	05/11/19	1.32 U	0.132 U	0.0132 U	0.033 U	0.0659 U	0.132 U	0.264 U	0.659 U	0.659 U	0.0659 U	0.0659 U	0.0659 U	0.659 U	0.132 U	0.033 U	0.659 U	0.0659 U	0.33 U	0.0659 U	0.0659 U	0.33 U	0.132 U
DP-11(3-4)	05/11/19	1.16 U	0.116 U	0.0116 U	0.0289 U	0.0578 U	0.116 U	0.231 U	0.578 U	0.578 U	0.0578 U	0.0578 U	0.0578 U	0.578 U	0.116 U	0.0289 U	0.578 U	0.0578 U	0.289 U	0.0578 U	0.0578 U	0.289 U	0.116 U
DP-11(10-11)	05/11/19	1.54 U	0.154 U	0.0154 U	0.0385 U	0.0771 U	0.154 U	0.308 U	0.771 U	0.771 U	0.0771 U	0.0771 U	0.0771 U	0.771 U	0.154 U	0.0385 U	0.771 U	0.0771 U	0.385 U	0.0771 U	0.0771 U	0.385 U	0.154 U
DP-11(18-19)	05/11/19	1.45 U	0.145 U	0.0145 U	0.0362 U	0.0723 U	0.145 U	0.289 U	0.723 U	0.723 U	0.0723 U	0.0723 U	0.0723 U	0.723 U	0.145 U	0.0362 U	0.723 U	0.0723 U	0.362 U	0.0723 U	0.0723 U	0.362 U	0.145 U
DP-12(1-2)	05/11/19	1.69 U	0.169 U	0.0169 U	0.0421 U	0.0843 U	0.169 U	0.337 U	0.843 U	0.843 U	0.0843 U	0.0843 U	0.0843 U	0.843 U	0.169 U	0.0421 U	0.843 U	0.0843 U	0.421 U	0.0843 U	0.0843 U	0.421 U	0.169 U
DP-12(12-13)	05/11/19	1.32 U	0.132 U	0.0132 U	0.033 U	0.0661 U	0.132 U	0.264 U	0.661 U	0.661 U	0.0661 U	0.0661 U	0.0661 U	0.661 U	0.132 U	0.033 U	0.661 U	0.0661 U	0.33 U	0.0661 U	0.0661 U	0.33 U	0.132 U
DP-12(16-17)	05/11/19	1.33 U	0.133 U	0.0133 U	0.0332 U	0.0663 U	0.133 U	0.265 U	0.663 U	0.663 U	0.0663 U	0.0663 U	0.0663 U	0.663 U	0.133 U	0.0332 U	0.663 U	0.0663 U	0.332 U	0.0663 U	0.0663 U	0.332 U	0.133 U
DP-13(4-5)	05/11/19	1.48 U	0.148 U	0.0148 U	0.037 U	0.074 U	0.148 U	0.296 U	0.74 U	0.74 U	0.074 U	0.074 U	0.074 U	0.74 U	0.148 U	0.037 U	0.74 U	0.074 U	0.37 U	0.074 U	0.074 U	0.37 U	0.148 U
DP-13(9-10)	05/11/19	1.48 U	0.148 U	0.0148 U	0.037 U	0.074 U	0.148 U	0.296 U	0.74 U	0.74 U	0.074 U	0.074 U	0.074 U	0.74 U	0.148 U	0.037 U	0.74 U	0.074 U	0.37 U	0.074 U	0.074 U	0.37 U	0.148 U
DP-14(2-3)	05/11/19	1.54 U	0.154 U	0.0154 U	0.0384 U	0.0768 U	0.154 U	0.307 U	0.768 U	0.768 U	0.0768 U	0.0768 U	0.0768 U	0.768 U	0.154 U	0.0384 U	0.768 U	0.0768 U	0.384 U	0.0768 U	0.0768 U	0.384 U	0.154 U
DP-14(11-12)	05/11/19	1.67 U	0.167 U	0.0167 U	0.0417 U	0.0835 U	0.167 U	0.334 U	0.835 U	0.835 U	0.0835 U	0.0835 U	0.0835 U	0.835 U	0.167 U	0.0417 U	0.835 U	0.0835 U	0.417 U	0.0835 U	0.0835 U	0.417 U	0.167 U
DP-15(4-5)	05/11/19	1.62 U	0.162 U	0.0162 U	0.0404 U	0.0809 U	0.162 U	0.324 U	0.809 U	0.809 U	0.0809 U	0.0809 U	0.0809 U	0.809 U	0.162 U	0.0404 U	0.809 U	0.0809 U	0.404 U	0.0809 U	0.0809 U	0.404 U	0.162 U
DP-16(2-3)	05/11/19	1.31 U	0.131 U	0.0131 U	0.0327 U	0.0654 U	0.131 U	0.262 U	0.654 U	0.654 U	0.0654 U	0.0654 U	0.0654 U	0.654 U	0.131 U	0.0327 U	0.654 U	0.0654 U	0.327 U	0.0654 U	0.0654 U	0.327 U	0.131 U
HA-1(2-2.5)	05/15/19	1.34 U	0.134 U	0.0134 U	0.0334 U	0.0669 U	0.134 U	0.268 U	0.669 U	0.669 U	0.0669 U	0.0669 U	0.0669 U	0.669 U	0.134 U	0.0334 U	0.669 U	0.0669 U	0.334 U	0.0669 U	0.0669 U	0.334 U	0.134 U
HA-1(12-12.5)	05/15/19	1.37 U	0.137 U	0.0137 U	0.0343 U	0.0687 U	0.137 U	0.275 U	0.687 U	0.687 U	0.0687 U	0.0687 U	0.0687 U	0.687 U	0.137 U	0.0343 U	0.687 U	0.0687 U	0.343 U	0.0687 U	0.0687 U	0.343 U	0.137 U
HA-1(15-15.5)	05/15/19	1.37 U	0.137 U	0.0137 U	0.0341 U	0.0683 U	0.137 U	0.273 U	0.683 U	0.683 U	0.0683 U	0.0683 U	0.0683 U	0.683 U	0.137 U	0.0341 U	0.683 U	0.0683 U	0.341 U	0.0683 U	0.0683 U	0.341 U	0.137 U
HA-2(2-2.5)	05/15/19	1.37 U	0.137 U	0.0137 U	0.0342 U	0.0683 U	0.137 U	0.273 U	0.683 U	0.683 U	0.0683 U	0.0683 U	0.0683 U	0.683 U	0.137 U	0.0342 U	0.683 U	0.0683 U	0.342 U	0.0683 U	0.0683 U	0.342 U	0.137 U
DEQ Generic RBCs[1]																							
Soil Ingestion, Dermal Contact, and Inhalation																							
Occupational		NE	4.0	37	NE	NE	15	260	750	NE	NE	NE	NE	NE	34	8,700	>Max	26	25,000	NE	NE	NE	17
Construction Worker		NE	40	380	NE	NE	230	2,700	370	NE	NE	NE	NE	NE	320	4,700	>Max	410	25,000	NE	NE	NE	210
Excavation Worker		NE	1,100	11,000	NE	NE	6,300	74,000	10,000	NE	NE	NE	NE	NE	8,900	130,000	>Max	11,000	700,000	NE	NE	NE	5,800
Volatilization to Outdoor Air																							
Occupational		NE	5.8	50	NE	NE	11	360	700	NE	NE	NE	NE	NE	65	>Csat	>Csat	17	>Csat	NE	NE	NE	14
Vapor Intrusion into Buildings																							
Occupational		NE	1.0	2.1	NE	NE	0.53	110	17	NE	NE	NE	NE	NE	1.6	>Csat	>Csat	0.41	300	NE	NE	NE	2.9
DEQ CFSLs[2]		1.2	0.00036	0.023	2.5	1.3	0.002	0.046	0.083	72	190	350	96	0.81	0.013	2.4	310	0.0034	2.2	14	14	0.0000084	0.0024

TABLE 2
Summary of Soil Sample Chemical Analytical Results
VOCs
Modera Morrison
1120 SE Morrison Street
Portland, Oregon

Sample I.D. (depth in feet BGS)	Sample Date	VOCs by EPA Methods 5035A/8260C (mg/kg)																					
		1,2-Dibromoethane	Dibromomethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane	1,3-Dichloropropane	2,2-Dichloropropane	1,1-Dichloropropene	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	Ethylbenzene	Hexachlorobutadiene	2-Hexanone	Isopropylbenzene	4-Isopropyltoluene
DP-1(0.5-1.5)	05/11/19	0.0692 U	0.0692 U	0.0346 U	0.0346 U	0.0346 U	0.138 U	0.0346 U	0.0346 U	0.0346 U	0.0346 U	0.0346 U	0.0346 U	0.0692 U	0.0692 U	0.0692 U	0.0692 U	0.0692 U	0.0346 U	0.138 U	0.692 U	0.0692 U	0.0692 U
DP-1(11.5-12.5)	05/11/19	0.0593 U	0.0593 U	0.0297 U	0.0297 U	0.0297 U	0.119 U	0.0297 U	0.0297 U	0.0297 U	0.0297 U	0.0297 U	0.0297 U	0.0593 U	0.0593 U	0.0593 U	0.0593 U	0.0593 U	0.0297 U	0.119 U	0.593 U	0.0593 U	0.0593 U
DP-2(1-2)	05/11/19	0.0652 U	0.0652 U	0.0326 U	0.0326 U	0.0326 U	0.13 U	0.0326 U	0.0326 U	0.0326 U	0.0326 U	0.0326 U	0.0326 U	0.0652 U	0.0652 U	0.0652 U	0.0652 U	0.0652 U	0.0326 U	0.13 U	0.652 U	0.0652 U	0.0652 U
DP-2(12-13)	05/11/19	0.0683 U	0.0683 U	0.0342 U	0.0342 U	0.0342 U	0.137 U	0.0342 U	0.0342 U	0.0342 U	0.0342 U	0.0342 U	0.0342 U	0.0683 U	0.0683 U	0.0683 U	0.0683 U	0.0683 U	0.0342 U	0.137 U	0.683 U	0.0683 U	0.0683 U
DP-3(1-2)	05/11/19	0.0619 U	0.0619 U	0.0309 U	0.0309 U	0.0309 U	0.124 U	0.0309 U	0.0309 U	0.0309 U	0.0309 U	0.0309 U	0.0309 U	0.0619 U	0.0619 U	0.0619 U	0.0619 U	0.0619 U	0.0309 U	0.124 U	0.619 U	0.0619 U	0.0619 U
DP-3(12-13)	05/11/19	0.0854 U	0.0854 U	0.0427 U	0.0427 U	0.0427 U	0.171 U	0.0427 U	0.0427 U	0.0427 U	0.0427 U	0.0427 U	0.0427 U	0.0854 U	0.0854 U	0.0854 U	0.0854 U	0.0854 U	0.0427 U	0.171 U	0.854 U	0.0854 U	0.0854 U
DP-4(0.5-1.5)	05/11/19	0.0572 U	0.0572 U	0.0286 U	0.0286 U	0.0286 U	0.114 U	0.0286 U	0.0286 U	0.0286 U	0.0286 U	0.0286 U	0.0286 U	0.0572 U	0.0572 U	0.0572 U	0.0572 U	0.0572 U	0.0286 U	0.114 U	0.572 U	0.0572 U	0.0572 U
DP-4(8-9)	05/11/19	0.0732 U	0.0732 U	0.0366 U	0.0366 U	0.0366 U	0.146 U	0.0366 U	0.0366 U	0.0366 U	0.0366 U	0.0366 U	0.0366 U	0.0732 U	0.0732 U	0.0732 U	0.0732 U	0.0732 U	0.0366 U	0.146 U	0.732 U	0.0732 U	0.0732 U
DP-4(11.5-12.5)	05/11/19	0.0743 U	0.0743 U	0.0372 U	0.0372 U	0.0372 U	0.149 U	0.0372 U	0.0372 U	0.0372 U	0.0372 U	0.0372 U	0.0372 U	0.0743 U	0.0743 U	0.0743 U	0.0743 U	0.0743 U	0.0372 U	0.149 U	0.743 U	0.0743 U	0.0743 U
DP-5(1-2)	05/11/19	0.064 U	0.064 U	0.032 U	0.032 U	0.032 U	0.128 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.064 U	0.064 U	0.064 U	0.064 U	0.064 U	0.032 U	0.128 U	0.64 U	0.064 U	0.064 U
DP-5(8.5-9.5)	05/11/19	0.0701 U	0.0701 U	0.035 U	0.035 U	0.035 U	0.14 U	0.035 U	0.035 U	0.035 U	0.035 U	0.035 U	0.035 U	0.0701 U	0.0701 U	0.0701 U	0.0701 U	0.0701 U	0.035 U	0.14 U	0.701 U	0.0701 U	0.0701 U
DP-5(13-14)	05/11/19	0.0713 U	0.0713 U	0.0356 U	0.0356 U	0.0356 U	0.143 U	0.0356 U	0.0356 U	0.0356 U	0.0356 U	0.0356 U	0.0356 U	0.0713 U	0.0713 U	0.0713 U	0.0713 U	0.0713 U	0.0356 U	0.143 U	0.713 U	0.0713 U	0.0713 U
DP-6(1-2)	05/11/19	0.0658 U	0.0658 U	0.0329 U	0.0329 U	0.0329 U	0.132 U	0.0329 U	0.0329 U	0.0329 U	0.0329 U	0.0329 U	0.0329 U	0.0658 U	0.0658 U	0.0658 U	0.0658 U	0.0658 U	0.0329 U	0.132 U	0.658 U	0.0658 U	0.0658 U
DP-6(8-9)	05/11/19	0.0822 U	0.0822 U	0.0411 U	0.0411 U	0.0411 U	0.164 U	0.0411 U	0.0411 U	0.0411 U	0.0411 U	0.0411 U	0.0411 U	0.0822 U	0.0822 U	0.0822 U	0.0822 U	0.0822 U	0.0411 U	0.164 U	0.822 U	0.0822 U	0.0822 U
DP-6(12.5-13.5)	05/11/19	0.0745 U	0.0745 U	0.0373 U	0.0373 U	0.0373 U	0.149 U	0.0373 U	0.0373 U	0.0373 U	0.0373 U	0.0373 U	0.0373 U	0.0745 U	0.0745 U	0.0745 U	0.0745 U	0.0745 U	0.0373 U	0.149 U	0.745 U	0.0745 U	0.0745 U
DP-7(1-2)	05/11/19	0.0634 U	0.0634 U	0.0317 U	0.0317 U	0.0317 U	0.127 U	0.0317 U	0.0317 U	0.0317 U	0.0317 U	0.0317 U	0.0317 U	0.0634 U	0.0634 U	0.0634 U	0.0634 U	0.0634 U	0.0317 U	0.127 U	0.634 U	0.0634 U	0.0634 U
DP-7(6.5-7.5)	05/11/19	0.0634 U	0.0634 U	0.0317 U	0.0317 U	0.0317 U	0.127 U	0.0317 U	0.0317 U	0.0317 U	0.0317 U	0.0317 U	0.0317 U	0.0634 U	0.0634 U	0.0634 U	0.0634 U	0.0634 U	0.0317 U	0.127 U	0.634 U	0.0634 U	0.0634 U
DP-7(11.5-12.5)	05/11/19	0.0472 U	0.0472 U	0.0236 U	0.0236 U	0.0236 U	0.0944 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0236 U	0.0944 U	0.472 U	0.0472 U	0.0472 U
DP-8(1.5-2.5)	05/11/19	0.0765 U	0.0765 U	0.0382 U	0.0382 U	0.0382 U	0.153 U	0.0382 U	0.0382 U	0.0382 U	0.0382 U	0.0382 U	0.0382 U	0.0765 U	0.0765 U	0.0765 U	0.0765 U	0.0765 U	0.0382 U	0.153 U	0.765 U	0.0765 U	0.0765 U
DP-8(8-9)	05/11/19	0.067 U	0.067 U	0.0335 U	0.0335 U	0.0335 U	0.134 U	0.0335 U	0.0335 U	0.0335 U	0.0335 U	0.0335 U	0.0335 U	0.067 U	0.067 U	0.067 U	0.067 U	0.067 U	0.0335 U	0.134 U	0.67 U	0.067 U	0.067 U
DP-8(11.5-12.5)	05/11/19	0.0628 U	0.0628 U	0.0314 U	0.0314 U	0.0314 U	0.126 U	0.0314 U	0.0314 U	0.0314 U	0.0314 U	0.0314 U	0.0314 U	0.0628 U	0.0628 U	0.0628 U	0.0628 U	0.0628 U	0.0314 U	0.126 U	0.628 U	0.0628 U	0.0628 U
DP-9(1-2)	05/11/19	0.0773 U	0.0773 U	0.0386 U	0.0386 U	0.0386 U	0.155 U	0.0386 U	0.0386 U	0.0386 U	0.0386 U	0.0386 U	0.0386 U	0.0773 U	0.0773 U	0.0773 U	0.0773 U	0.0773 U	0.0386 U	0.155 U	0.773 U	0.0773 U	0.0773 U
DP-9(8-9)	05/11/19	0.077 U	0.077 U	0.0385 U	0.0385 U	0.0385 U	0.154 U	0.0385 U	0.0385 U	0.0385 U	0.0385 U	0.0385 U	0.0385 U	0.077 U	0.077 U	0.077 U	0.077 U	0.077 U	0.0385 U	0.154 U	0.77 U	0.077 U	0.077 U
DP-10(2-3)	05/11/19	0.0772 U	0.0772 U	0.0386 U	0.0386 U	0.0386 U	0.154 U	0.0386 U	0.0386 U	0.0386 U	0.0386 U	0.0386 U	0.0386 U	0.0772 U	0.0772 U	0.0772 U	0.0772 U	0.0772 U	0.0386 U	0.154 U	0.772 U	0.0772 U	0.0772 U
DP-10(13-14)	05/11/19	0.0659 U	0.0659 U	0.033 U	0.033 U	0.033 U	0.132 U	0.033 U	0.033 U	0.033 U	0.033 U	0.033 U	0.033 U	0.0659 U	0.0659 U	0.0659 U	0.0659 U	0.0659 U	0.033 U	0.132 U	0.659 U	0.0659 U	0.0659 U
DP-11(3-4)	05/11/19	0.0578 U	0.0578 U	0.0289 U	0.0289 U	0.0289 U	0.116 U	0.0289 U	0.0289 U	0.0289 U	0.0289 U	0.0289 U	0.0289 U	0.0578 U	0.0578 U	0.0578 U	0.0578 U	0.0578 U	0.0289 U	0.116 U	0.578 U	0.0578 U	0.0578 U
DP-11(10-11)	05/11/19	0.0771 U	0.0771 U	0.0385 U	0.0385 U	0.0385 U	0.154 U	0.0385 U	0.0385 U	0.0385 U	0.0385 U	0.0385 U	0.0385 U	0.0771 U	0.0771 U	0.0771 U	0.0771 U	0.0771 U	0.0385 U	0.154 U	0.771 U	0.0771 U	0.0771 U
DP-11(18-19)	05/11/19	0.0723 U	0.0723 U	0.0362 U	0.0362 U	0.0362 U	0.145 U	0.0362 U	0.0362 U	0.0362 U	0.0362 U	0.0362 U	0.0362 U	0.0723 U	0.0723 U	0.0723 U	0.0723 U	0.0723 U	0.0362 U	0.145 U	0.723 U	0.0723 U	0.0723 U
DP-12(1-2)	05/11/19	0.0843 U	0.0843 U	0.0421 U	0.0421 U	0.0421 U	0.169 U	0.0421 U	0.0421 U	0.0421 U	0.0421 U	0.0421 U	0.0421 U	0.0843 U	0.0843 U	0.0843 U	0.0843 U	0.0843 U	0.0421 U	0.169 U	0.843 U	0.0843 U	0.0843 U
DP-12(12-13)	05/11/19	0.0661 U	0.0661 U	0.033 U	0.033 U	0.033 U	0.132 U	0.033 U	0.033 U	0.033 U	0.033 U	0.033 U	0.033 U	0.0661 U	0.0661 U	0.0661 U	0.0661 U	0.0661 U	0.033 U	0.132 U	0.661 U	0.0661 U	0.0661 U
DP-12(16-17)	05/11/19	0.0663 U	0.0663 U	0.0332 U	0.0332 U	0.0332 U	0.133 U	0.0332 U	0.0332 U	0.0332 U	0.0332 U	0.0332 U	0.0332 U	0.0663 U	0.0663 U	0.0663 U	0.0663 U	0.0663 U	0.0332 U	0.133 U	0.663 U	0.0663 U	0.0663 U
DP-13(4-5)	05/11/19	0.074 U	0.074 U	0.037 U	0.037 U	0.037 U	0.148 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.037 U	0.148 U	0.74 U	0.074 U	0.074 U
DP-13(9-10)	05/11/19	0.074 U	0.074 U	0.037 U	0.037 U	0.037 U	0.148 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.037 U	0.148 U	0.74 U	0.074 U	0.074 U
DP-14(2-3)	05/11/19	0.0768 U	0.0768 U	0.0384 U	0.0384 U	0.0384 U	0.154 U	0.0384 U	0.0384 U	0.0384 U	0.0384 U	0.0384 U	0.0384 U	0.0768 U	0.0768 U	0.0768 U	0.0768 U	0.0768 U	0.0384 U	0.154 U	0.768 U	0.0768 U	0.0768 U
DP-14(11-12)	05/11/19	0.0835 U	0.0835 U	0.0417 U	0.0417 U	0.0417 U	0.167 U	0.0417 U	0.0417 U	0.0417 U	0.0417 U	0.0417 U	0.0417 U	0.0835 U	0.0835 U	0.0835 U	0.0835 U	0.0835 U	0.0417 U	0.167 U	0.835 U	0.0835 U	0.0835 U
DP-15(4-5)	05/11/19	0.0809 U	0.0809 U	0.0404 U	0.0404 U	0.0404 U	0.162 U	0.0404 U	0.0404 U	0.0404 U	0.0404 U	0.0404 U	0.0404 U	0.0809 U	0.0809 U	0.0809 U	0.0809 U	0.0809 U	0.0404 U	0.162 U	0.809 U	0.0809 U	0.0809 U
DP-16(2-3)	05/11/19	0.0654 U	0.0654 U	0.0327 U	0.0327 U	0.0327 U	0.131 U	0.0327 U	0.0327 U	0.0327 U	0.0327 U	0.0327 U	0.0327 U	0.0654 U	0.0654 U	0.0654 U	0.0654 U	0.0654 U	0.0327 U	0.131 U	0.654 U	0.0654 U	0.0654 U
HA-1(2-2.5)	05/15/19	0.0669 U	0.0669 U	0.0334 U	0.0334 U	0.0334 U	0.134 U	0.0334 U	0.0334 U	0.0334 U	0.0334 U	0.0334 U	0.0334 U	0.0669 U	0.0669 U	0.0669 U	0.0669 U	0.0669 U	0.0334 U	0.134 U	0.669 U	0.0669 U	0.0669 U
HA-1(12-12.5)	05/15/19	0.0687 U	0.0687 U	0.0343 U	0.0343 U	0.0343 U	0.137 U	0.0343 U	0.0343 U	0.0343 U	0.0343 U	0.0343 U	0.0343 U	0.0687 U	0.0687 U	0.0687 U	0.0687 U	0.0687 U	0.0343 U	0.137 U	0.687 U	0.0687 U	0.0687 U
HA-1(15-15.5)	05/15/19	0.0683 U	0.0683 U	0.0341 U	0.0341 U	0.0341 U	0.137 U	0.0341 U	0.0341 U	0.0341 U	0.0341 U	0.0341 U	0.0341 U	0.0683 U	0.0683 U	0.0683 U	0.0683 U	0.0683 U	0.0341 U	0.137 U	0.683 U	0.0683 U	0.0683 U
HA-2(2-2.5)	05/15/19	0.0683 U	0.0683 U	0.0342 U	0.0342 U	0.0342 U	0.137 U	0.0342 U	0.0342 U	0.0342 U	0.0342 U	0.0342 U	0.0342 U	0.0683 U	0.0683 U	0.0683 U	0.0683 U	0.0683 U	0.0342 U	0.137 U	0.683 U	0.0683 U	0.0683 U
DEQ Generic RBCs[1]																							
Soil Ingestion, Dermal Contact, and Inhalation																							
Occupational		0.73	NE	36,000	NE	64	NE	260	16	29,000	2,300	23,000	NE	NE	NE	NE	NE	NE	150	NE	NE	57,000	NE
Construction Worker		9.0	NE	20,000	NE	1,300	NE	3,200	200	13,000	710	7,100	NE	NE	NE	NE	NE	NE	1,700	NE	NE	27,000	NE
Excavation Worker		250	NE	560,000	NE	36,000	NE	89,000	5,600	370,000	20,000	200,000	NE	NE	NE	NE	NE	NE	49,000	NE	NE	750,000	NE
Volatilization to Outdoor Air																							
Occupational		0.65	NE	>Csat	NE	36	NE	240	15	>Csat	>Max	>Max	NE	NE	NE	NE	NE	NE	160	NE	NE	>Csat	NE
Vapor Intrusion into Buildings																							
Occupational		0.16	NE	>Csat	NE	13	NE	5.9	1.0	680	>Max	>Max	NE	NE	NE	NE	NE	NE	17	NE	NE	>Csat	NE
DEQ CFSLs[2]		0.00012	0.13	0.92	0.74	0.057	18	0.044	0.0028	6.7	0.63	7	0.017	7.8	NE	NE	0.01	0.01	0.22	0.016	0.36	96	NE

TABLE 2
Summary of Soil Sample Chemical Analytical Results
VOCs
Modera Morrison
1120 SE Morrison Street
Portland, Oregon

Sample I.D. (depth in feet BGS)	Sample Date	VOCs by EPA Methods 5035A/8260C (mg/kg)																				
		4-Methyl-2-pentanone (MIBK)	MTBE	Methylene Chloride	Naphthalene	n-Propylbenzene	Styrene	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	PCE	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	TCE	Trichlorofluoromethane	1,2,3-Trichloropropane	1,2,4-TMB	1,3,5-TMB	Vinyl Chloride	m-p-Xylenes	o-Xylenes
DP-1(0.5-1.5)	05/11/19	0.692 U	0.0692 U	0.346 U	0.138 U	0.0346 U	0.0692 U	0.138 U	0.0692 U	0.0346 U	0.0692 U	0.346 U	0.346 U	0.0346 U	0.0346 U	0.0346 U	0.138 U	0.0692 U	0.0692 U	0.0692 U	0.0346 U	0.0692 U	0.0346 U
DP-1(11.5-12.5)	05/11/19	0.593 U	0.0593 U	0.297 U	0.119 U	0.0297 U	0.0593 U	0.119 U	0.0593 U	0.0297 U	0.0593 U	0.297 U	0.297 U	0.0297 U	0.0297 U	0.0297 U	0.119 U	0.0593 U	0.0593 U	0.0593 U	0.0297 U	0.0593 U	0.0297 U
DP-2(1-2)	05/11/19	0.652 U	0.0652 U	0.326 U	0.13 U	0.0326 U	0.0652 U	0.13 U	0.0652 U	0.0326 U	0.0652 U	0.326 U	0.326 U	0.0326 U	0.0326 U	0.0326 U	0.13 U	0.0652 U	0.0652 U	0.0652 U	0.0326 U	0.0652 U	0.0326 U
DP-2(12-13)	05/11/19	0.683 U	0.0683 U	0.342 U	0.137 U	0.0342 U	0.0683 U	0.137 U	0.0683 U	0.0342 U	0.0683 U	0.342 U	0.342 U	0.0342 U	0.0342 U	0.0342 U	0.137 U	0.0683 U	0.0683 U	0.0683 U	0.0342 U	0.0683 U	0.0342 U
DP-3(1-2)	05/11/19	0.619 U	0.0619 U	0.309 U	0.124 U	0.0309 U	0.0619 U	0.124 U	0.0619 U	0.0309 U	0.0619 U	0.309 U	0.309 U	0.0309 U	0.0309 U	0.0309 U	0.124 U	0.0619 U	0.0619 U	0.0619 U	0.0309 U	0.0619 U	0.0309 U
DP-3(12-13)	05/11/19	0.854 U	0.0854 U	0.427 U	0.171 U	0.0427 U	0.0854 U	0.171 U	0.0854 U	0.0427 U	0.0854 U	0.427 U	0.427 U	0.0427 U	0.0427 U	0.0427 U	0.171 U	0.0854 U	0.0854 U	0.0854 U	0.0427 U	0.0854 U	0.0427 U
DP-4(0.5-1.5)	05/11/19	0.572 U	0.0572 U	0.286 U	0.114 U	0.0286 U	0.0572 U	0.114 U	0.0572 U	0.0286 U	0.0572 U	0.286 U	0.286 U	0.0286 U	0.0286 U	0.0286 U	0.114 U	0.0572 U	0.0572 U	0.0572 U	0.0286 U	0.0572 U	0.0286 U
DP-4(8-9)	05/11/19	0.732 U	0.0732 U	0.366 U	0.146 U	0.0366 U	0.0732 U	0.146 U	0.0732 U	0.0366 U	0.0732 U	0.366 U	0.366 U	0.0366 U	0.0366 U	0.0366 U	0.146 U	0.0732 U	0.0732 U	0.0732 U	0.0366 U	0.0732 U	0.0366 U
DP-4(11.5-12.5)	05/11/19	0.743 U	0.0743 U	0.372 U	0.149 U	0.0372 U	0.0743 U	0.149 U	0.0743 U	0.0372 U	0.0743 U	0.372 U	0.372 U	0.0372 U	0.0372 U	0.0372 U	0.149 U	0.0743 U	0.0743 U	0.0743 U	0.0372 U	0.0743 U	0.0372 U
DP-5(1-2)	05/11/19	0.64 U	0.064 U	0.32 U	0.128 U	0.032 U	0.064 U	0.128 U	0.064 U	0.032 U	0.064 U	0.32 U	0.32 U	0.032 U	0.032 U	0.032 U	0.128 U	0.064 U	0.064 U	0.064 U	0.032 U	0.064 U	0.032 U
DP-5(8.5-9.5)	05/11/19	0.701 U	0.0701 U	0.35 U	0.14 U	0.035 U	0.0701 U	0.14 U	0.0701 U	0.035 U	0.0701 U	0.35 U	0.35 U	0.035 U	0.035 U	0.035 U	0.14 U	0.0701 U	0.0701 U	0.0701 U	0.035 U	0.0701 U	0.035 U
DP-5(13-14)	05/11/19	0.713 U	0.0713 U	0.356 U	0.143 U	0.0356 U	0.0713 U	0.143 U	0.0713 U	0.0356 U	0.0713 U	0.356 U	0.356 U	0.0356 U	0.0356 U	0.0356 U	0.143 U	0.0713 U	0.0713 U	0.0713 U	0.0356 U	0.0713 U	0.0356 U
DP-6(1-2)	05/11/19	0.658 U	0.0658 U	0.329 U	0.132 U	0.0329 U	0.0658 U	0.132 U	0.0658 U	0.0329 U	0.0658 U	0.329 U	0.329 U	0.0329 U	0.0329 U	0.0329 U	0.132 U	0.0658 U	0.0658 U	0.0658 U	0.0329 U	0.0658 U	0.0329 U
DP-6(8-9)	05/11/19	0.822 U	0.0822 U	0.411 U	0.164 U	0.0411 U	0.0822 U	0.164 U	0.0822 U	0.0411 U	0.0822 U	0.411 U	0.411 U	0.0411 U	0.0411 U	0.0411 U	0.164 U	0.0822 U	0.0822 U	0.0822 U	0.0411 U	0.0822 U	0.0411 U
DP-6(12.5-13.5)	05/11/19	0.745 U	0.0745 U	0.373 U	0.149 U	0.0373 U	0.0745 U	0.149 U	0.0745 U	0.0373 U	0.0745 U	0.373 U	0.373 U	0.0373 U	0.0373 U	0.0373 U	0.149 U	0.0745 U	0.0745 U	0.0745 U	0.0373 U	0.0745 U	0.0373 U
DP-7(1-2)	05/11/19	0.634 U	0.0634 U	0.317 U	0.127 U	0.0317 U	0.0634 U	0.127 U	0.0634 U	0.0317 U	0.0634 U	0.317 U	0.317 U	0.0317 U	0.0317 U	0.0317 U	0.127 U	0.0634 U	0.0634 U	0.0634 U	0.0317 U	0.0634 U	0.0317 U
DP-7(6.5-7.5)	05/11/19	0.634 U	0.0634 U	0.317 U	0.127 U	0.0317 U	0.0634 U	0.127 U	0.0634 U	0.0317 U	0.0634 U	0.317 U	0.317 U	0.0317 U	0.0317 U	0.0317 U	0.127 U	0.0634 U	0.0634 U	0.0634 U	0.0317 U	0.0634 U	0.0317 U
DP-7(11.5-12.5)	05/11/19	0.472 U	0.0472 U	0.236 U	0.0944 U	0.0236 U	0.0472 U	0.0944 U	0.0472 U	0.0236 U	0.0472 U	0.236 U	0.236 U	0.0236 U	0.0236 U	0.0236 U	0.0944 U	0.0472 U	0.0472 U	0.0472 U	0.0236 U	0.0472 U	0.0236 U
DP-8(1.5-2.5)	05/11/19	0.765 U	0.0765 U	0.382 U	0.153 U	0.0382 U	0.0765 U	0.153 U	0.0765 U	0.0382 U	0.0765 U	0.382 U	0.382 U	0.0382 U	0.0382 U	0.0382 U	0.153 U	0.0765 U	0.0765 U	0.0765 U	0.0382 U	0.0765 U	0.0382 U
DP-8(8-9)	05/11/19	0.67 U	0.067 U	0.335 U	0.134 U	0.0335 U	0.067 U	0.134 U	0.067 U	0.0335 U	0.067 U	0.335 U	0.335 U	0.0335 U	0.0335 U	0.0335 U	0.134 U	0.067 U	0.067 U	0.067 U	0.0335 U	0.067 U	0.0335 U
DP-8(11.5-12.5)	05/11/19	0.628 U	0.0628 U	0.314 U	0.126 U	0.0314 U	0.0628 U	0.126 U	0.0628 U	0.0314 U	0.0628 U	0.314 U	0.314 U	0.0314 U	0.0314 U	0.0314 U	0.126 U	0.0628 U	0.0628 U	0.0628 U	0.0314 U	0.0628 U	0.0314 U
DP-9(1-2)	05/11/19	0.773 U	0.0773 U	0.386 U	0.155 U	0.0386 U	0.0773 U	0.155 U	0.0773 U	0.0386 U	0.0773 U	0.386 U	0.386 U	0.0386 U	0.0386 U	0.0386 U	0.155 U	0.0773 U	0.0773 U	0.0773 U	0.0386 U	0.0773 U	0.0386 U
DP-9(8-9)	05/11/19	0.77 U	0.077 U	0.385 U	0.154 U	0.0385 U	0.077 U	0.154 U	0.077 U	0.0385 U	0.077 U	0.385 U	0.385 U	0.0385 U	0.0385 U	0.0385 U	0.154 U	0.077 U	0.077 U	0.077 U	0.0385 U	0.077 U	0.0385 U
DP-10(2-3)	05/11/19	0.772 U	0.0772 U	0.386 U	0.154 U	0.0386 U	0.0772 U	0.154 U	0.0772 U	0.0386 U	0.0772 U	0.386 U	0.386 U	0.0386 U	0.0386 U	0.0386 U	0.154 U	0.0772 U	0.0772 U	0.0772 U	0.0386 U	0.0772 U	0.0386 U
DP-10(13-14)	05/11/19	0.659 U	0.0659 U	0.33 U	0.132 U	0.033 U	0.0659 U	0.132 U	0.0659 U	0.033 U	0.0659 U	0.33 U	0.33 U	0.033 U	0.033 U	0.033 U	0.132 U	0.0659 U	0.0659 U	0.0659 U	0.033 U	0.0659 U	0.033 U
DP-11(3-4)	05/11/19	0.578 U	0.0578 U	0.289 U	0.116 U	0.0289 U	0.0578 U	0.116 U	0.0578 U	0.0289 U	0.0578 U	0.289 U	0.289 U	0.0289 U	0.0289 U	0.0289 U	0.116 U	0.0578 U	0.0578 U	0.0578 U	0.0289 U	0.0578 U	0.0289 U
DP-11(10-11)	05/11/19	0.771 U	0.0771 U	0.385 U	0.154 U	0.0385 U	0.0771 U	0.154 U	0.0771 U	0.0385 U	0.0771 U	0.385 U	0.385 U	0.0385 U	0.0385 U	0.0385 U	0.154 U	0.0771 U	0.0771 U	0.0771 U	0.0385 U	0.0771 U	0.0385 U
DP-11(18-19)	05/11/19	0.723 U	0.0723 U	0.362 U	0.145 U	0.0362 U	0.0723 U	0.145 U	0.0723 U	0.0362 U	0.0723 U	0.362 U	0.362 U	0.0362 U	0.0362 U	0.0362 U	0.145 U	0.0723 U	0.0723 U	0.0723 U	0.0362 U	0.0723 U	0.0362 U
DP-12(1-2)	05/11/19	0.843 U	0.0843 U	0.421 U	0.169 U	0.0421 U	0.0843 U	0.169 U	0.0843 U	0.0421 U	0.0843 U	0.421 U	0.421 U	0.0421 U	0.0421 U	0.0421 U	0.169 U	0.0843 U	0.0843 U	0.0843 U	0.0421 U	0.0843 U	0.0421 U
DP-12(12-13)	05/11/19	0.661 U	0.0661 U	0.33 U	0.132 U	0.033 U	0.0661 U	0.132 U	0.0661 U	0.033 U	0.0661 U	0.33 U	0.33 U	0.033 U	0.033 U	0.033 U	0.132 U	0.0661 U	0.0661 U	0.0661 U	0.033 U	0.0661 U	0.033 U
DP-12(16-17)	05/11/19	0.663 U	0.0663 U	0.332 U	0.133 U	0.0332 U	0.0663 U	0.133 U	0.0663 U	0.0332 U	0.0663 U	0.332 U	0.332 U	0.0332 U	0.0332 U	0.0332 U	0.133 U	0.0663 U	0.0663 U	0.0663 U	0.0332 U	0.0663 U	0.0332 U
DP-13(4-5)	05/11/19	0.74 U	0.074 U	0.37 U	0.148 U	0.037 U	0.074 U	0.148 U	0.074 U	0.037 U	0.074 U	0.37 U	0.37 U	0.037 U	0.037 U	0.037 U	0.148 U	0.074 U	0.074 U	0.074 U	0.037 U	0.074 U	0.037 U
DP-13(9-10)	05/11/19	0.74 U	0.074 U	0.37 U	0.148 U	0.037 U	0.074 U	0.148 U	0.074 U	0.037 U	0.074 U	0.37 U	0.37 U	0.037 U	0.037 U	0.037 U	0.148 U	0.074 U	0.074 U	0.074 U	0.037 U	0.074 U	0.037 U
DP-14(2-3)	05/11/19	0.768 U	0.0768 U	0.384 U	0.154 U	0.0384 U	0.0768 U	0.154 U	0.0768 U	0.0384 U	0.0768 U	0.384 U	0.384 U	0.0384 U	0.0384 U	0.0384 U	0.154 U	0.0768 U	0.0768 U	0.0768 U	0.0384 U	0.0768 U	0.0384 U
DP-14(11-12)	05/11/19	0.835 U	0.0835 U	0.417 U	0.167 U	0.0417 U	0.0835 U	0.167 U	0.0835 U	0.0417 U	0.0835 U	0.417 U	0.417 U	0.0417 U	0.0417 U	0.0417 U	0.167 U	0.0835 U	0.0835 U	0.0835 U	0.0417 U	0.0835 U	0.0417 U
DP-15(4-5)	05/11/19	0.809 U	0.0809 U	0.404 U	0.162 U	0.0404 U	0.0809 U	0.162 U	0.0809 U	0.0404 U	0.0809 U	0.404 U	0.404 U	0.0404 U	0.0404 U	0.0404 U	0.162 U	0.0809 U	0.0809 U	0.0809 U	0.0404 U	0.0809 U	0.0404 U
DP-16(2-3)	05/11/19	0.654 U	0.0654 U	0.327 U	0.131 U	0.0327 U	0.0654 U	0.131 U	0.0654 U	0.0327 U	0.0654 U	0.327 U	0.327 U	0.0327 U	0.0327 U	0.0327 U	0.131 U	0.0654 U	0.0654 U	0.0654 U	0.0327 U	0.0654 U	0.0327 U
HA-1(2-2.5)	05/15/19	0.669 U	0.0669 U	0.334 U	0.134 U	0.0334 U	0.0669 U	0.134 U	0.0669 U	0.0334 U	0.0669 U	0.334 U	0.334 U	0.0334 U	0.0334 U	0.0334 U	0.134 U	0.0669 U	0.0669 U	0.0669 U	0.0334 U	0.0669 U	0.0334 U
HA-1(12-12.5)	05/15/19	0.687 U	0.0687 U	0.343 U	0.137 U	0.0343 U	0.0687 U	0.137 U	0.0687 U	0.0343 U	0.0687 U	0.343 U	0.343 U	0.0343 U	0.0343 U	0.0343 U	0.137 U	0.0687 U	0.0687 U	0.0687 U	0.0343 U	0.0687 U	0.0343 U
HA-1(15-15.5)	05/15/19	0.683 U	0.0683 U	0.341 U	0.137 U	0.0341 U	0.0683 U	0.137 U	0.0683 U	0.0341 U	0.0683 U	0.341 U	0.341 U	0.0341 U	0.0341 U	0.0341 U	0.137 U	0.0683 U	0.0683 U	0.0683 U	0.0341 U	0.0683 U	0.0341 U
HA-2(2-2.5)	05/15/19	0.683 U	0.0683 U	0.342 U	0.137 U	0.0342 U	0.0683 U	0.137 U	0.0683 U	0.0342 U	0.0683 U	0.342 U	0.342 U	0.0342 U	0.0342 U	0.0342 U	0.137 U	0.0683 U	0.0683 U	0.0683 U	0.0342 U	0.0683 U	0.0342 U
DEQ Generic RBCs[1]																							
Soil Ingestion, Dermal Contact, and Inhalation																							
Occupational		NE	1,100	1,600	23	NE	130,000	NE	NE	1,000	88,000	NE	NE	870,000	26	51	130,000	NE	6,900	6,900	4.4	25,000	25,000
Construction Worker		NE	12,000	2,100	580	NE	56,000	NE	NE	1,800	28,000	NE	NE	470,000	54	130	69,000	NE	2,900	2,900	34	20,000	20,000
Excavation Worker		NE	320,000	58,000	16,000	NE	>Max	NE	NE	50,000	770,000	NE	NE	>Max	1,500	3,700	>Max	NE	81,000	81,000	950	560,000	560,000
Volatilization to Outdoor Air																							
Occupational		NE	1,500	>Csat	83	NE	>Csat	NE	NE	>Csat	>Csat	NE	NE	>Csat	24	96	>Csat	NE	>Csat	>Csat	89	>Csat	>Csat
Vapor Intrusion into Buildings																							
Occupational		NE	110	950	83	NE	>Csat	NE	NE	36	>Csat	NE	NE	>Csat	4.2	2.3	>Csat	NE	>Csat	>Csat	2.2	>Csat	>Csat
DEQ CFSLs[2]		9.7	0.11	0.14	0.077	NE	1.2	0.013	0.0018	0.18	23	1.3	0.2	190	0.0063	0.013	52	0.000019	10	11	0.00057	1.4	1.4

Notes:
1. DEQ Generic RBCs dated May 2018
2. DEQ CFSLs dated February 21, 2019
>Csat: This soil RBC exceeds the limit of three-phase equilibrium partitioning. Refer to Appendix D of DEQ's RBDM guidance document for the corresponding value of Csat. Soil concentrations in excess of Csat indicate that free product might be present.
>Max: The constituent RBC for this pathway is calculated as greater than 1,000,000 mg/kg or 1,000,000 mg/L. Therefore, this substance is deemed not to pose risks in this scenario.
U: Not detected. Reporting or detection limit shown.

TABLE 3
Summary of Soil Sample Chemical Analytical Results
RCRA 8 Total Metals and Leachable Lead
Modera Morrison
1120 SE Morrison Street
Portland, Oregon

Sample I.D. (depth in feet BGS)	Sample Date	RCRA 8 Total Metals by EPA Method 6020A (ICP-MS) (mg/kg)								Leachable Lead by EPA Methods 1311/6020A (ICP-MS) (mg/L)
		Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver	
DP-1(0.5-1.5)	05/11/19	5.38	179	0.358	19.1	10.8	0.105 U	1.32 U	0.264 U	--
DP-1(11.5-12.5)	05/11/19	3.9	122	0.805	10.6	7.02	0.0964 U	1.20 U	0.241 U	--
DP-2(1-2)	05/11/19	12.0	187	0.534	24.4	14.0	0.104 U	1.30 U	0.260 U	--
DP-2(12-13)	05/11/19	5.8	151	0.931	17.6	8.53	0.110 U	1.38 U	0.276 U	--
DP-3(1-2)	05/11/19	11.7	215	0.615	26.1	14.9	0.107 U	1.34 U	0.268 U	--
DP-3(12-13)	05/11/19	5.35	150	0.698	16.4	8.83	0.111 U	1.38 U	0.277 U	--
DP-4(0.5-1.5)	05/11/19	7.75	183	0.431	15.0	194	0.101 U	1.26 U	0.252 U	0.05 U
DP-4(8-9)	05/11/19	8.87	186	1.05	21.0	11.9	0.114 U	1.43 U	0.286 U	--
DP-4(11.5-12.5)	05/11/19	4.16	122	0.693	11.1	6.64	0.0991 U	1.24 U	0.248 U	--
DP-5(1-2)	05/11/19	9.54	190	0.545	21.3	28.3	0.109 U	1.36 U	0.273 U	--
DP-5(8.5-9.5)	05/11/19	9.06	164	0.784	23.8	11.1	0.117 U	1.47 U	0.293 U	--
DP-5(13-14)	05/11/19	5.67	157	0.800	20.1	7.32	0.105 U	1.32 U	0.263 U	--
DP-6(1-2)	05/11/19	13.0	171	0.634	25.0	15.3	0.105 U	1.32 U	0.263 U	--
DP-6(8-9)	05/11/19	8.43	178	0.842	26.3	10.5	0.108 U	1.35 U	0.270 U	--
DP-6(12.5-13.5)	05/11/19	6.21	145	0.839	18.2	8.40	0.106 U	1.32 U	0.265 U	--
DP-7(1-2)	05/11/19	1.10 U	34.1	0.220 U	4.90	3.06	0.0879 U	1.10 U	0.220 U	--
DP-7(6.5-7.5)	05/11/19	3.32	86.8	0.504	10.9	14.8	0.0944 U	1.18 U	0.236 U	--
DP-7(11.5-12.5)	05/11/19	4.56	118	0.689	11.5	19.5	0.100 U	1.25 U	0.250 U	--
DP-8(1.5-2.5)	05/11/19	9.9	182	0.899 U	21.2	15.0	0.118 U	1.48 U	0.296 U	--
DP-8(8-9)	05/11/19	4.36	132	0.79	11.5	7.56	0.0982 U	1.23 U	0.246 U	--
DP-8(11.5-12.5)	05/11/19	3.89	114	0.552	11.6	5.08	0.0889 U	1.11 U	0.222 U	--
DP-9(1-2)	05/11/19	11.2	201	0.92	22.8	15.9	0.124 U	1.55 U	0.311 U	--
DP-9(8-9)	05/11/19	5.36	140	0.784	18.8	7.96	0.108 U	1.35 U	0.269 U	--
DP-10(2-3)	05/11/19	7.37	132	0.326	19.6	13.8	0.102 U	1.27 U	0.254 U	--

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Summary of Soil Sample Chemical Analytical Results
RCRA 8 Total Metals and Leachable Lead
Modera Morrison
1120 SE Morrison Street
Portland, Oregon

Sample I.D. (depth in feet BGS)	Sample Date	RCRA 8 Total Metals by EPA Method 6020A (ICP-MS) (mg/kg)								Leachable Lead by EPA Methods 1311/6020A (ICP-MS) (mg/L)
		Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver	
DP-10(13-14)	05/11/19	7.11	208	0.929	22.8	9.44	0.107 U	1.34 U	0.267 U	--
DP-11(3-4)	05/11/19	9.11	199	0.624	25.1	13.6	0.110 U	1.38 U	0.276 U	--
DP-11(10-11)	05/11/19	3.86	132	0.557	12.3	5.67	0.0980 U	1.22 U	0.245 U	--
DP-11(18-19)	05/11/19	3.98	106	0.587	11.9	5.57	0.0985 U	1.23 U	0.246 U	--
DP-12(1-2)	05/11/19	11.3	176	1.08	29.1	14.2	0.112 U	1.39 U	0.279 U	--
DP-12(12-13)	05/11/19	4.79	141	0.711	15.1	5.69	0.0981 U	1.23 U	0.245 U	--
DP-12(16-17)	05/11/19	4.18	109	0.607	11.3	5.69	0.0947 U	1.18 U	0.237 U	--
DP-13(4-5)	05/11/19	12.3	179	0.974	24.3	15.1	0.109 U	1.37 U	0.273 U	--
DP-13(9-10)	05/11/19	4.89	127	0.801	14.4	7.16	0.108 U	1.35 U	0.269 U	--
DP-14(2-3)	05/11/19	11.4	231	1.06	28.5	14.3	0.116 U	1.46 U	0.291 U	--
DP-14(11-12)	05/11/19	4.78	129	0.853	14.9	7.48	0.113 U	1.42 U	0.284 U	--
DP-15(4-5)	05/11/19	12.1	206	1.01	26.4	15.8	0.115 U	1.44 U	0.288 U	--
DP-16(2-3)	05/15/19	11.9	176	0.837	28.3	15.2	0.110 U	1.38 U	0.275 U	--
HA-1(2-2.5)	05/15/19	10.3	121	0.318	22.5	21.7	0.100 U	1.25 U	0.251 U	--
HA-1(12-12.5)	05/15/19	8.87	200	0.521	26.8	11.1	0.101 U	1.27 U	0.254 U	--
HA-1(15-15.5)	05/15/19	6.21	153	0.612	17.3	9.54	0.105 U	1.31 U	0.263 U	--
HA-2(2-2.5)	05/15/19	4.32	144	0.628	11.9	8.06	0.100 U	1.26 U	0.251 U	--
90% UCL [1]		***8.039 [2]***		***0.75 [3]***		***12.34 [4]***				
DEQ Generic RBCs [5]										
Soil Ingestion, Dermal Contact, and Inhalation										
Occupational		1.9	220,000	1,100	>Max	800	350	NE	5,800	NE
Construction Worker		15	69,000	350	530,000	800	110	NE	1,800	NE
Excavation Worker		420	>Max	9,700	>Max	800	2,900	NE	49,000	NE

TABLE 3
Summary of Soil Sample Chemical Analytical Results
RCRA 8 Total Metals and Leachable Lead
Modera Morrison
1120 SE Morrison Street
Portland, Oregon

Sample I.D. (depth in feet BGS)	Sample Date	RCRA 8 Total Metals by EPA Method 6020A (ICP-MS) (mg/kg)								Leachable Lead by EPA Methods 1311/6020A (ICP-MS) (mg/L)
		Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver	
Volatilization to Outdoor Air										
Occupational		NV	NV	NV	NV	NV	NV	NE	NV	NE
Vapor Intrusion into Buildings										
Occupational		NV	NV	NV	NV	NV	NV	NE	NV	NE
EPA Maximum Threshold Limits[6]		100	2,000	20	100	100	4	20	100	NA
EPA TCLP Limits[7]		NA	NA	NA	NA	NA	NA	NA	NA	5.0
DEQ CFSLs[8]		8.8	790	0.63	76	28	0.23	0.71	2.6	NA

Notes:

1. Calculated 90% UCL based on data size, data distribution, and skewness, as recommended in DEQ's Internal Management Directive updated on February 21, 2019. See ProUCL Outputs for arsenic, cadmium, and lead in Appendix D. The calculated 90% UCLs exclude data from DP-4(0.5-1.5).
2. ProUCL recommended use of the Gamma KM Adjusted Gamma 90% UCL value for this analytes data set.
3. ProUCL recommended use of the Normal KM Student's-t 90% UCL value for this analytes data set.
4. ProUCL recommended use of the Normal Student's-t 90% UCL value for this analytes data set.
5. DEQ Generic RBCs dated May 2018
6. Section 1.2 of EPA Method 1311 (TCLP) allows for a total constituent analysis in lieu of the TCLP extraction. The maximum allowable limits equate to 20 times the maximum leachable limit.
7. Analytes exceeding the maximum leachable limits are defined as toxicity characteristic hazardous waste.
8. DEQ CFSLs dated February 21, 2019

>Max: The constituent RBC for this pathway is calculated as greater than 1,000,000 mg/kg or 1,000,000 mg/L. Therefore, this substance is deemed not to pose risks in this scenario.

NV: chemical is considered non-volatile

U: Not detected. Reporting or detection limit shown.

Bolding indicates analyte detection.

Shading indicates analyte detection at a concentration greater than DEQ RBCs and/or CFSLs.

--: not analyzed

TABLE 4
Summary of Soil Sample Chemical Analytical Results
PAHs
Modera Morrison
1120 SE Morrison Street
Portland, Oregon

Sample I.D. (depth in feet BGS)	Sample Date	PAHs by EPA Method 8270D SIM (mg/kg)																	
		Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(g,h,i)perylene	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Phenanthrene	Pyrene
DP-1(0.5-1.5)	05/11/19	0.0103 U	0.0103 U	0.0103 U	**0.0217**	**0.0211**	**0.0315**	**0.0201**	0.0103 U	**0.0283**	0.0103 U	0.0103 U	**0.0407**	0.0103 U	**0.0181**	0.0103 U	0.0103 U	0.0103 U	**0.0256**	**0.0508**
DP-1(11.5-12.5)	05/11/19	0.00973 U	0.00973 U	0.00973 U	0.00973 U	0.00973 U	0.00973 U	0.00973 U	0.00973 U	0.00973 U	0.00973 U	0.00973 U	0.00973 U	0.00973 U	0.00973 U	0.00973 U	0.00973 U	0.00973 U	0.00973 U	0.00973 U
DP-2(1-2)	05/11/19	0.0107 U	0.0107 U	0.0107 U	0.0107 U	0.0107 U	0.0107 U	0.0107 U	0.0107 U	0.0107 U	0.0107 U	0.0107 U	0.0107 U	0.0107 U	0.0107 U	0.0107 U	0.0107 U	0.0107 U	0.0107 U	0.0107 U
DP-2(12-13)	05/11/19	0.0123 U	0.0123 U	0.0123 U	0.0123 U	0.0123 U	0.0123 U	0.0123 U	0.0123 U	0.0123 U	0.0123 U	0.0123 U	0.0123 U	0.0123 U	0.0123 U	0.0123 U	0.0123 U	0.0123 U	0.0123 U	0.0123 U
DP-3(1-2)	05/11/19	0.0106 U	0.0106 U	0.0106 U	0.0106 U	0.0106 U	0.0106 U	0.0106 U	0.0106 U	0.0106 U	0.0106 U	0.0106 U	0.0106 U	0.0106 U	0.0106 U	0.0106 U	0.0106 U	0.0106 U	0.0106 U	0.0106 U
DP-3(12-13)	05/11/19	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U
DP-4(0.5-1.5)	05/11/19	**0.0127**	**0.197**	**0.0842**	**0.343**	**0.682**	**0.779**	**0.703**	**0.206**	**0.705**	**0.073**	0.0111 U	**1.67**	**0.0605**	**0.604**	**0.0859**	**0.0364**	**0.0267**	**1.26**	**2.15**
DP-4(8-9)	05/11/19	0.0111 U	0.0111 U	0.0111 U	0.0111 U	0.0111 U	0.0111 U	0.0111 U	0.0111 U	0.0111 U	0.0111 U	0.0111 U	0.0111 U	0.0111 U	0.0111 U	0.0111 U	0.0111 U	0.0111 U	0.0111 U	0.0111 U
DP-4(11.5-12.5)	05/11/19	0.0117 U	0.0117 U	0.0117 U	0.0117 U	0.0117 U	0.0117 U	0.0117 U	0.0117 U	0.0117 U	0.0117 U	0.0117 U	0.0117 U	0.0117 U	0.0117 U	0.0117 U	0.0117 U	0.0117 U	0.0117 U	0.0117 U
DP-5(1-2)	05/11/19	0.0122 U	0.0122 U	0.0122 U	0.0122 U	0.0122 U	0.0122 U	0.0122 U	0.0122 U	0.0122 U	0.0122 U	0.0122 U	0.0122 U	0.0122 U	0.0122 U	0.0122 U	0.0122 U	0.0122 U	0.0122 U	0.0122 U
DP-5(8.5-9.5)	05/11/19	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U
DP-5(13-14)	05/11/19	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U
DP-6(1-2)	05/11/19	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U
DP-6(8-9)	05/11/19	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U	0.0109 U
DP-6(12.5-13.5)	05/11/19	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U
DP-7(1-2)	05/11/19	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U
DP-7(6.5-7.5)	05/11/19	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U
DP-7(11.5-12.5)	05/11/19	0.00959 U	0.00959 U	0.00959 U	0.00959 U	0.00959 U	0.00959 U	0.00959 U	0.00959 U	0.00959 U	0.00959 U	0.00959 U	0.00959 U	0.00959 U	0.00959 U	0.00959 U	0.00959 U	0.00959 U	0.00959 U	0.00959 U
DP-8(1.5-2.5)	05/11/19	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U
DP-8(8-9)	05/11/19	0.00971 U	0.00971 U	0.00971 U	0.00971 U	0.00971 U	0.00971 U	0.00971 U	0.00971 U	0.00971 U	0.00971 U	0.00971 U	0.00971 U	0.00971 U	0.00971 U	0.00971 U	0.00971 U	0.00971 U	0.00971 U	0.00971 U
DP-8(11.5-12.5)	05/11/19	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U
DP-9(1-2)	05/11/19	0.0123 U	0.0123 U	0.0123 U	0.0123 U	0.0123 U	0.0123 U	0.0123 U	0.0123 U	0.0123 U	0.0123 U	0.0123 U	0.0123 U	0.0123 U	0.0123 U	0.0123 U	0.0123 U	0.0123 U	0.0123 U	0.0123 U
DP-9(8-9)	05/11/19	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U
DP-10(2-3)	05/11/19	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U
DP-10(13-14)	05/11/19	0.00998 U	0.00998 U	0.00998 U	0.00998 U	0.00998 U	0.00998 U	**0.0135**	0.00998 U	0.00998 U	0.00998 U	0.00998 U	0.00998 U	0.00998 U	**0.014**	0.00998 U	0.00998 U	0.00998 U	0.00998 U	0.00998 U
DP-11(3-4)	05/11/19	0.00983 U	0.00983 U	0.00983 U	0.00983 U	0.00983 U	0.00983 U	0.00983 U	0.00983 U	0.00983 U	0.00983 U	0.00983 U	0.00983 U	0.00983 U	0.00983 U	0.00983 U	0.00983 U	0.00983 U	0.00983 U	0.00983 U
DP-11(10-11)	05/11/19	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U
DP-11(18-19)	05/11/19	0.0116 U	0.0116 U	0.0116 U	0.0116 U	0.0116 U	0.0116 U	0.0116 U	0.0116 U	0.0116 U	0.0116 U	0.0116 U	0.0116 U	0.0116 U	0.0116 U	0.0116 U	0.0116 U	0.0116 U	0.0116 U	0.0116 U
DP-12(1-2)	05/11/19	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U
DP-12(12-13)	05/11/19	0.0103 U	0.0103 U	0.0103 U	0.0103 U	0.0103 U	0.0103 U	0.0103 U	0.0103 U	0.0103 U	0.0103 U	0.0103 U	0.0103 U	0.0103 U	0.0103 U	0.0103 U	0.0103 U	0.0103 U	0.0103 U	0.0103 U
DP-12(16-17)	05/11/19	0.00992 U	0.00992 U	0.00992 U	0.00992 U	0.00992 U	0.00992 U	0.00992 U	0.00992 U	0.00992 U	0.00992 U	0.00992 U	0.00992 U	0.00992 U	0.00992 U	0.00992 U	0.00992 U	0.00992 U	0.00992 U	0.00992 U
DP-13(4-5)	05/11/19	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U
DP-13(9-10)	05/11/19	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U	0.0104 U
DP-14(2-3)	05/11/19	0.0116 U	0.0116 U	0.0116 U	0.0116 U	0.0116 U	0.0116 U	0.0116 U	0.0116 U	0.0116 U	0.0116 U	0.0116 U	0.0116 U	0.0116 U	0.0116 U	0.0116 U	0.0116 U	0.0116 U	0.0116 U	0.0116 U

TABLE 4
Summary of Soil Sample Chemical Analytical Results
PAHs
Modera Morrison
1120 SE Morrison Street
Portland, Oregon

Sample I.D. (depth in feet BGS)	Sample Date	PAHs by EPA Method 8270D SIM (mg/kg)																		
		Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(g,h,i)perylene	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Phenanthrene	Pyrene
DP-14(11-12)	05/11/19	0.0124 U	0.0124 U	0.0124 U	0.0124 U	0.0124 U	0.0124 U	0.0124 U	0.0124 U	0.0124 U	0.0124 U	0.0124 U	0.0124 U	0.0124 U	0.0124 U	0.0124 U	0.0124 U	0.0124 U	0.0124 U	0.0124 U
DP-15(4-5)	05/11/19	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U
DP-16(2-3)	05/11/19	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U	0.0119 U
HA-1(2-2.5)	05/15/19	0.0101 U	0.0101 U	0.0101 U	0.0101 U	0.0101 U	**0.0109**	0.0101 U	0.0101 U	0.0101 U	0.0101 U	0.0101 U	0.0101 U	0.0101 U	0.0101 U	0.0101 U	0.0101 U	0.0101 U	0.0101 U	**0.012**
HA-1(12-12.5)	05/15/19	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U
HA-1(15-15.5)	05/15/19	0.0103 U	0.0103 U	0.0103 U	0.0103 U	0.0103 U	0.0103 U	0.0103 U	0.0103 U	0.0103 U	0.0103 U	0.0103 U	0.0103 U	0.0103 U	0.0103 U	0.0103 U	0.0103 U	0.0103 U	0.0103 U	0.0103 U
HA-2(2-2.5)	05/15/19	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U
DEQ Generic RBCs[1]																				
Soil Ingestion, Dermal Contact, and Inhalation																				
Occupational		70,000	NE	350,000	21	2.1	21	210	NE	2,100	2.1	NE	30,000	47,000	21	NE	NE	23	NE	23,000
Construction Worker		21,000	NE	110,000	170	17	170	1,700	NE	17,000	17	NE	10,000	14,000	170	NE	NE	580	NE	7,500
Excavation Worker		590,000	NE	>Max	4,800	490	4,900	49,000	NE	490,000	490	NE	280,000	390,000	4,900	NE	NE	16,000	NE	210,000
Volatilization to Outdoor Air																				
Occupational		>Max	NE	>Max	>Csat	NV	NV	NV	NE	NV	NV	NE	NV	>Max	NV	NE	NE	83	NE	>Max
Vapor Intrusion into Buildings																				
Occupational		>Max	NE	>Max	>Csat	NV	NV	NV	NE	NV	NV	NE	NV	>Max	NV	NE	NE	83	NE	>Max
DEQ CFSLs[2]		0.25	120	6.8	0.73	0.11	1.1	11	25	3.1	0.11	0.002	10	3.7	1.1	0.36	11	0.077	5.5	10

Notes:
1. DEQ Generic RBCs dated May 2018
2. DEQ CFSLs dated February 21, 2019
>Csat: This soil RBC exceeds the limit of three-phase equilibrium partitioning. Refer to Appendix D of DEQ's RBDM guidance document for the corresponding value of Csat. Soil concentrations in excess of Csat indicate that free product might be present.
>Max: The constituent RBC for this pathway is calculated as greater than 1,000,000 mg/kg or 1,000,000 mg/L. Therefore, this substance is deemed not to pose risks in this scenario.
NV: chemical is considered non-volatile
U: Not detected. Reporting or detection limit shown.
Bolding indicates analyte detection.
Shading indicates analyte detection at a concentration greater than DEQ CFSLs.

TABLE 5
Summary of Soil Sample Chemical Analytical Results
PCBs
Modera Morrison
1120 SE Morrison Street
Portland, Oregon

Sample I.D. (depth in feet BGS)	Sample Date	PCBs by EPA Method 8082A (mg/kg)													
		Aroclor 1016		Aroclor 1221		Aroclor 1232		Aroclor 1242		Aroclor 1248		Aroclor 1254		Aroclor 1260	
DP-1(0.5-1.5)	05/11/19	0.0117	U	0.0117	U	0.0117	U	0.0117	U	0.0117	U	0.0117	U	0.0117	U
DP-1(11.5-12.5)	05/11/19	0.0111	U	0.0111	U	0.0111	U	0.0111	U	0.0111	U	0.0111	U	0.0111	U
DP-2(1-2)	05/11/19	0.0118	U	0.0118	U	0.0118	U	0.0118	U	0.0118	U	0.0118	U	0.0118	U
DP-2(12-13)	05/11/19	0.0127	U	0.0127	U	0.0127	U	0.0127	U	0.0127	U	0.0127	U	0.0127	U
DP-3(1-2)	05/11/19	0.0119	U	0.0119	U	0.0119	U	0.0119	U	0.0119	U	0.0119	U	0.0119	U
DP-3(12-13)	05/11/19	0.0127	U	0.0127	U	0.0127	U	0.0127	U	0.0127	U	0.0127	U	0.0127	U
DP-4(0.5-1.5)	05/11/19	0.0115	U	0.0115	U	0.0115	U	0.0115	U	0.0115	U	0.0115	U	0.0115	U
DP-4(8-9)	05/11/19	0.0108	U	0.0108	U	0.0108	U	0.0108	U	0.0108	U	0.0108	U	0.0108	U
DP-4(11.5-12.5)	05/11/19	0.0125	U	0.0125	U	0.0125	U	0.0125	U	0.0125	U	0.0125	U	0.0125	U
DP-5(1-2)	05/11/19	0.0112	U	0.0112	U	0.0112	U	0.0112	U	0.0112	U	0.0112	U	0.0112	U
DP-5(8.5-9.5)	05/11/19	0.0117	U	0.0117	U	0.0117	U	0.0117	U	0.0117	U	0.0117	U	0.0117	U
DP-5(13-14)	05/11/19	0.0125	U	0.0125	U	0.0125	U	0.0125	U	0.0125	U	0.0125	U	0.0125	U
DP-6(1-2)	05/11/19	0.0112	U	0.0112	U	0.0112	U	0.0112	U	0.0112	U	0.0112	U	0.0112	U
DP-6(8-9)	05/11/19	0.0127	U	0.0127	U	0.0127	U	0.0127	U	0.0127	U	0.0127	U	0.0127	U
DP-6(12.5-13.5)	05/11/19	0.012	U	0.012	U	0.012	U	0.012	U	0.012	U	0.012	U	0.012	U
DP-7(1-2)	05/11/19	0.011	U	0.011	U	0.011	U	0.011	U	0.011	U	0.011	U	0.011	U
DP-7(6.5-7.5)	05/11/19	0.0101	U	0.0101	U	0.0101	U	0.0101	U	0.0101	U	0.0101	U	0.0101	U
DP-7(11.5-12.5)	05/11/19	0.00955	U	0.00955	U	0.00955	U	0.00955	U	0.00955	U	0.00955	U	0.00955	U
DP-8(1.5-2.5)	05/11/19	0.0118	U	0.0118	U	0.0118	U	0.0118	U	0.0118	U	0.0118	U	0.0118	U
DP-8(8-9)	05/11/19	0.0107	U	0.0107	U	0.0107	U	0.0107	U	0.0107	U	0.0107	U	0.0107	U
DP-8(11.5-12.5)	05/11/19	0.0113	U	0.0113	U	0.0113	U	0.0113	U	0.0113	U	0.0113	U	0.0113	U

TABLE 5
Summary of Soil Sample Chemical Analytical Results
PCBs
Modera Morrison
1120 SE Morrison Street
Portland, Oregon

Sample I.D. (depth in feet BGS)	Sample Date	PCBs by EPA Method 8082A (mg/kg)						
		Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260
DP-9(1-2)	05/11/19	0.0136 U	0.0136 U	0.0136 U	0.0136 U	0.0136 U	0.0136 U	0.0136 U
DP-9(8-9)	05/11/19	0.0121 U	0.0121 U	0.0121 U	0.0121 U	0.0121 U	0.0121 U	0.0121 U
DP-10(2-3)	05/11/19	0.0126 U	0.0126 U	0.0126 U	0.0126 U	0.0126 U	0.0126 U	0.0126 U
DP-10(13-14)	05/11/19	0.0116 U	0.0116 U	0.0116 U	0.0116 U	0.0116 U	0.0116 U	0.0116 U
DP-11(3-4)	05/11/19	0.0112 U	0.0112 U	0.0112 U	0.0112 U	0.0112 U	0.0112 U	0.0112 U
DP-11(10-11)	05/11/19	0.0107 U	0.0107 U	0.0107 U	0.0107 U	0.0107 U	0.0107 U	0.0107 U
DP-11(18-19)	05/11/19	0.0125 U	0.0125 U	0.0125 U	0.0125 U	0.0125 U	0.0125 U	0.0125 U
DP-12(1-2)	05/11/19	0.0132 U	0.0132 U	0.0132 U	0.0132 U	0.0132 U	0.0132 U	0.0132 U
DP-12(12-13)	05/11/19	0.0112 U	0.0112 U	0.0112 U	0.0112 U	0.0112 U	0.0112 U	0.0112 U
DP-12(16-17)	05/11/19	0.0108 U	0.0108 U	0.0108 U	0.0108 U	0.0108 U	0.0108 U	0.0108 U
DP-13(4-5)	05/11/19	0.0123 U	0.0123 U	0.0123 U	0.0123 U	0.0123 U	0.0123 U	0.0123 U
DP-13(9-10)	05/11/19	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U
DP-14(2-3)	05/11/19	0.0131 U	0.0131 U	0.0131 U	0.0131 U	0.0131 U	0.0131 U	0.0131 U
DP-14(11-12)	05/11/19	0.0132 U	0.0132 U	0.0132 U	0.0132 U	0.0132 U	0.0132 U	0.0132 U
DP-15(4-5)	05/11/19	0.0129 U	0.0129 U	0.0129 U	0.0129 U	0.0129 U	0.0129 U	0.0129 U
DP-16(2-3)	05/11/19	0.0127 U	0.0127 U	0.0127 U	0.0127 U	0.0127 U	0.0127 U	0.0127 U
HA-1(2-2.5)	05/15/19	0.0117 U	0.0117 U	0.0117 U	0.0117 U	0.0117 U	0.0117 U	0.0117 U
HA-1(12-12.5)	05/15/19	0.0124 U	0.0124 U	0.0124 U	0.0124 U	0.0124 U	0.0124 U	0.0124 U
HA-1(15-15.5)	05/15/19	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U	0.0118 U
HA-2(2-2.5)	05/15/19	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U	0.0113 U

TABLE 5
Summary of Soil Sample Chemical Analytical Results
PCBs
Modera Morrison
1120 SE Morrison Street
Portland, Oregon

Sample I.D. (depth in feet BGS)	Sample Date	PCBs by EPA Method 8082A (mg/kg)						
		Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260
DEQ Generic RBCs[1]								
Soil Ingestion, Dermal Contact, and Inhalation								
Occupational		0.59						
Construction Worker		4.9						
Excavation Worker		140						
Volatilization to Outdoor Air								
Occupational		>Csat						
Vapor Intrusion into Buildings								
Occupational		>Csat						
DEQ CFSLs[2]		1.1	0.0048	0.0048	0.041	0.0073	0.041	0.24

Notes:
1. DEQ Generic RBCs dated May 2018
2. DEQ CFSLs dated February 21, 2019
>Csat: This soil RBC exceeds the limit of three-phase equilibrium partitioning. Refer to Appendix D of DEQ's RBDM guidance document for the corresponding value of Csat. Soil concentrations in excess of Csat indicate that free product might be present.
U: Not detected. Reporting or detection limit shown.

TABLE 6
Summary of Soil Gas and Sub-Slab Vapor Sample Chemical Analytical Results
Gasoline-Range Hydrocarbons and VOCs
Modera Morrison
1120 SE Morrison Street
Portland, Oregon

Sample I.D.	Sample Date	Gasoline-Range Hydrocarbons by EPA Method TO-15 (µg/m³)	VOCs by EPA Method TO-15 (µg/m³)												
			Acetone	Allyl Chloride	Benzene	Benzyl Chloride	Bromochloromethane	Bromoform	Bromomethane	1,3-Butadiene	2-Butanone (MEK)	Carbon Disulfide	Carbon Tetrachloride	Chlorobenzene
SG-1(15)	05/11/19	413 U	**38.7**	1.25 U	**4.91**	2.08 U	2.68 U	12.4 U	1.55 U	8.85 U	7.37 U	**3.78**	2.52 U	1.85 U
SG-2(15)	05/11/19	**454**	**60.8**	1.25 U	**8.4**	2.08 U	2.68 U	12.4 U	1.55 U	8.85 U	7.37 U	**3.29**	2.52 U	1.85 U
SV-1	05/11/19	413 U	**104**	1.25 U	1.28 U	2.08 U	2.68 U	12.4 U	1.55 U	8.85 U	7.37 U	1.24 U	2.52 U	1.85 U
DEQ Generic RBCs[1]														
Vapor Intrusion into Buildings														
Occupational		1,700,000	NE	NE	1,600	NE	NE	11,000	22,000	NE	NE	NE	2,000	220,000

TABLE 6
Summary of Soil Gas and Sub-Slab Vapor Sample Chemical Analytical Results
Gasoline-Range Hydrocarbons and VOCs
Modera Morrison
1120 SE Morrison Street
Portland, Oregon

Sample I.D.	Sample Date	VOCs by EPA Method TO-15 (µg/m³)																			
		Chloroethane		Chloroform		Chloromethane	2-Chlorotoluene		Cyclohexane		Chlorodibromomethane (Dibromochloromethane)		1,2-Dibromoethane		1,2-Dichlorobenzene		1,3-Dichlorobenzene		1,4-Dichlorobenzene		Dichlorodifluoromethane	1,1-Dichloroethane		1,2-Dichloroethane	
SG-1(15)	05/11/19	1.06	U	1.95	U	**10.1**	2.06	U	1.38	U	3.4	U	3.08	U	2.4	U	2.4	U	2.4	U	**3.59**	1.59	U	1.62	U
SG-2(15)	05/11/19	1.06	U	1.95	U	**2.79**	2.06	U	**7.24**		3.4	U	3.08	U	2.4	U	2.4	U	2.4	U	**4.22**	1.59	U	1.62	U
SV-1	05/11/19	1.06	U	1.95	U	**1.12**	2.06	U	1.38	U	3.4	U	3.08	U	2.4	U	2.4	U	2.4	U	**2.83**	1.59	U	1.62	U
DEQ Generic RBCs[1]																									
Vapor Intrusion into Buildings																									
Occupational		43,800,000		530		390,000	NE		NE		450		20		880,000		NE		1,100		NE	7,700		470	

TABLE 6
Summary of Soil Gas and Sub-Slab Vapor Sample Chemical Analytical Results
Gasoline-Range Hydrocarbons and VOCs
Modera Morrison
1120 SE Morrison Street
Portland, Oregon

Sample I.D.	Sample Date	VOCs by EPA Method TO-15 (µg/m³)													
		1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	1,2-Dichlorotetrafluoroethane	1,4-Dioxane	Ethanol	Ethylbenzene	4-Ethyltoluene	Heptane	Hexachloro-1,3-butadiene	n-Hexane
SG-1(15)	05/11/19	1.6 U	1.59 U	1.59 U	1.85 U	1.82 U	1.82 U	2.8 U	1.44 U	**33.1**	1.73 U	1.96 U	1.64 U	13.5 U	**2.85**
SG-2(15)	05/11/19	1.6 U	1.59 U	1.59 U	1.85 U	1.82 U	1.82 U	2.8 U	1.44 U	**59**	1.73 U	1.96 U	**5.53**	13.5 U	**26.4**
SV-1	05/11/19	1.6 U	1.59 U	1.59 U	1.85 U	1.82 U	1.82 U	2.8 U	1.44 U	**35.2**	**3.6**	**2.77**	1.64 U	13.5 U	**3.29**
DEQ Generic RBCs[1]															
Vapor Intrusion into Buildings															
Occupational		880,000	>Pv	>Pv	NE	NE	NE	NE	2,500	NE	4,900	NE	NE	NE	NE

TABLE 6
Summary of Soil Gas and Sub-Slab Vapor Sample Chemical Analytical Results
Gasoline-Range Hydrocarbons and VOCs
Modera Morrison
1120 SE Morrison Street
Portland, Oregon

Sample I.D.	Sample Date	VOCs by EPA Method TO-15 (µg/m³)																			
		iso-Propylbenzene		4-Methyl-2-pentanone		MTBE		Methylene Chloride (Dichloromethane)		Methyl Butyl Ketone		Methyl Methacrylate		Naphthalene		2-Propanol		Propene		Styrene		1,1,1,2-Tetrachloroethane		Tetrachloroethane		Tetrahydrofuran		Toluene
SG-1(15)	05/11/19	1.97	U	10.2	U	1.44	U	**5.22**		10.2	U	1.64	U	6.6	U	**9.25**		**46.9**		1.7	U	2.75	U	**16.3**		1.18	U	**5.16**
SG-2(15)	05/11/19	1.97	U	10.2	U	1.44	U	**2.83**		10.2	U	1.64	U	6.6	U	**41.6**		1.38	U	**1.89**		2.75	U	**31.4**		1.18	U	**7.87**
SV-1	05/11/19	1.97	U	10.2	U	1.44	U	**2.38**		10.2	U	1.64	U	6.6	U	**12.5**		1.38	U	1.7	U	2.75	U	**6.27**		**2.73**		**4.72**
DEQ Generic RBCs[1]																												
Vapor Intrusion into Buildings																												
Occupational		1,800,000		NE		47,000		1,200,000		NE		NE		360		NE		NE		4,400,000		NE		NE		NE		21,900,000

TABLE 6
Summary of Soil Gas and Sub-Slab Vapor Sample Chemical Analytical Results
Gasoline-Range Hydrocarbons and VOCs
Modera Morrison
1120 SE Morrison Street
Portland, Oregon

Sample I.D.	Sample Date	VOCs by EPA Method TO-15 (µg/m³)												
		1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	TCE	Trichlorofluoromethane	1,2,4-TMB	1,3,5-TMB	2,2,4-Trimethylpentane	1,1,2-Trichlorotrifluoroethane (Freon 113)	Vinyl Chloride	Vinyl Bromide	Vinyl Acetate	Total Xylenes
SG-1(15)	05/11/19	9.33 U	2.18 U	2.18 U	2.14 U	2.25 U	1.96 U	1.96 U	1.87 U	3.07 U	1.02 U	1.75 U	1.41 U	5.2 U
SG-2(15)	05/11/19	9.33 U	2.18 U	2.18 U	2.14 U	2.25 U	1.96 U	1.96 U	1.87 U	3.07 U	1.02 U	1.75 U	1.41 U	**5.97**
SV-1	05/11/19	9.33 U	2.18 U	2.18 U	2.14 U	2.25 U	**17.6**	**4.99**	1.87 U	3.07 U	1.02 U	1.75 U	1.41 U	**22.9**
DEQ Generic RBCs[1]														
Vapor Intrusion into Buildings														
Occupational		NE	21,900,000	770	2,900	3,100,000	260,000	260,000	NE	131,400,000	2,800	NE	NE	440,000

Notes:
1. DEQ Generic RBCs dated May 2018
>Pv: The air concentration reported for the RBC exceeds the vapor pressure of the pure chemical. It can be assumed that this constituent cannot create an unnacceptable risk by this pathway.
U: Not detected. Reporting or detection limit shown.
Bolding indicates analyte detection.

APPENDIX A

APPENDIX A

FIELD PROCEDURES

GENERAL

Subsurface explorations were conducted on May 11 and 15, 2019 and included collecting soil samples from 16 direct-push soil borings (DP-1 through DP-16) and two hand auger borings (HA-1 and HA-2), two soil gas samples from soil gas borings SG-1 and SG-2, and one sub-slab vapor sample (SV-1). The direct-push and soil gas borings were advanced using drilling equipment owned and operated by ESN Northwest, Inc. of Olympia, Washington. The hand auger borings were advanced using hand-held equipment owned and operated by GeoDesign. The borings were advanced to the following depths:

- DP-1 through DP-3, DP-5 through DP-10, DP-13, and DP-15 were advanced to 15 feet BGS.
- DP-4 was advanced to 30 feet BGS.
- DP-11 and DP-12 were advanced to 20 feet BGS.
- DP-14 and DP-16 were advanced to 14 feet BGS.
- DP-17 was advanced to 2 feet BGS where it met refusal.
- HA-1 was advanced to 16 feet BGS.
- HA-2 was advanced to 10 feet BGS.

The locations of the borings are shown on Figure 2. A GeoDesign field representative observed the drilling activities and collected soil, soil gas, and a sub-slab vapor samples from the borings. The soil encountered in the borings was visually classified in general accordance with ASTM D2488.

SOIL SAMPLING

Continuous soil samples were collected from the direct-push borings and the hand auger borings. Soil samples collected from the direct-push borings were collected from 2-inch-diameter, 60-inch-long samplers lined with acrylic sleeves. Soil samples were collected from the hand auger borings using a 0.25-foot, stainless steel sampler. Soil samples were placed in laboratory-supplied containers and immediately placed in an ice chest and kept cool until delivery to the laboratory. Standard chain-of-custody procedures were observed during transport of the samples to the laboratory.

SOIL SAMPLE FIELD SCREENING METHODS

A GeoDesign representative performed field screening tests on select soil samples collected from the direct-push and hand auger borings. Field screening results aided in the selection of soil samples for chemical analysis. Screening methods included visual examination, water sheen screening, and headspace vapor screening using a MiniRAE 3000 PID.

Visual screening consisted of inspecting the soil for discoloration indicative of the presence of petroleum contamination in the sample. Water sheen screening involved placing soil in water and observing the water surface for signs of sheen. Sheen classifications are as follows:

No Sheen	No visible sheen on the water surface.
Slight Sheen	Light, colorless, dull sheen; spread is irregular, not rapid; sheen dissipates rapidly. Natural organic matter in the soil may produce a slight sheen.
Moderate Sheen	Light to heavy sheen; may have some color/iridescence; spread is irregular to flowing, may be rapid; few remaining areas of no sheen on water surface.
Heavy Sheen	Heavy sheen with color/iridescence; spread is rapid; entire water surface may be covered with sheen.

Headspace vapor screening is performed by placing a soil sample in a plastic bag. Air is captured in the bag and the bag is shaken to expose the soil to the air trapped in the bag. The probe of a MiniRAE 3000 PID is inserted into the bag and the MiniRAE PID measures VOC vapor concentrations in units of ppm. The MiniRAE 3000 PID is calibrated to isobutylene. The MiniRAE PID is designed to quantify VOC vapor concentrations in the range between 10 and 2,000 ppm with an accuracy of 2 percent of the reading and between 2,000 and 10,000 ppm with an accuracy of 20 percent of the reading.

Field screening results are site and exploration specific. The results may vary with temperature, soil moisture content, soil type, and type of chemical constituent.

SOIL GAS AND SUB-SLAB VAPOR SAMPLING

Soil gas samples SG-1(15) and SG-2(15) were collected from two soil gas borings. Sub-slab vapor sample SV-1 was collected from a sub-slab vapor point installed in the basement of the structure. The leak detection procedures described below were implemented during the soil gas and sub-slab vapor sampling activities in general accordance with DEQ's Vapor Intrusion Guidance. The soil gas samples were collected as follows:

- Advanced the Geoprobe PRT system to a predetermined depth in SG-1 and SG-2 using equipment owned and operated by ESN Northwest Inc. of Olympia, Washington.
- Drilled a ¼-inch-diameter hole through the concrete floor slab of the basement using equipment owned and operated by GeoDesign to facilitate collection of sub-slab vapor sample SV-1.
- Connected new Teflon® tubing to the PRT system (for SG-1 and SG-2), and the new Teflon® tubing advanced below the concrete floor slab (for SV-1) to laboratory-supplied summa canisters.
- Sealed the annular spaces between the soil gas probe and the boring sidewall and between the sub-slab vapor tubing and the concrete floor slab with hydrated bentonite to minimize ambient air migration into the sampling zone.

- Installed a leak-check system at each soil gas sample location. Specifically, each leak-check system was installed as follows:
  - Connections and fittings were wrapped with cloths soaked with isopropyl alcohol (2-propanol).
  - 2-propanol was not detected in the samples at concentrations greater than 5 percent, indicating that contribution from leakage of ambient air is acceptable; therefore, the analytical data is considered acceptable for its intended use.
- Purged the required volume of stagnant air from the sampling train using a calibrated hand-held PID prior to collecting each sample.
- Measured and recorded the initial and final vacuum pressures of the summa canisters.
- Collected the soil gas samples and the sub-slab vapor sample using 1-liter summa sample canisters with in-line filters (2 microns) and flow controllers (less than 200 milliliters per minute). The initial and final vacuum pressures of each summa canister were measured and recorded on the laboratory chain-of-custody form.

DECONTAMINATION

All sampling equipment used in the collection of samples was decontaminated prior to use. Decontamination was performed on all sample re-usable processing equipment that came into contact with sampling media, including tools, stainless steel implements, trowels, etc. Decontamination was performed prior to sampling each location using the following procedures:

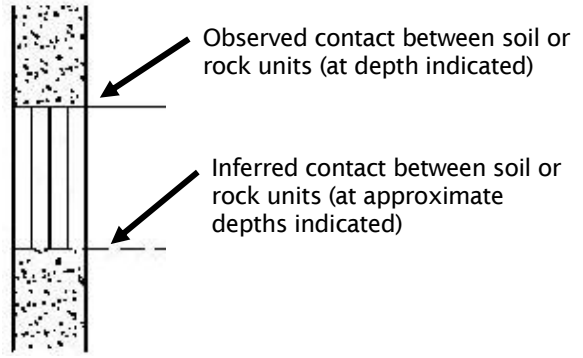
1. Rinsed with tap water and scrubbed with a scrub brush until free of large particles (e.g., sediment or soil)
2. Washed with phosphate-free (Alconox™) detergent solution
3. Rinsed with tap water
4. Rinsed with distilled water

IDW MANAGEMENT

IDW from the borings (soil cuttings and decontamination water) was placed into two 55-gallon drums and temporarily left on the Property pending disposal.

SYMBOL	SAMPLING DESCRIPTION
	Location of sample collected in general accordance with ASTM D1586 using Standard Penetration Test with recovery
	Location of sample collected using thin-wall Shelby tube or Geoprobe® sampler in general accordance with ASTM D1587 with recovery
	Location of sample collected using Dames & Moore sampler and 300-pound hammer or pushed with recovery
	Location of sample collected using Dames & Moore sampler and 140-pound hammer or pushed with recovery
	Location of sample collected using 3-inch-O.D. California split-spoon sampler and 140-pound hammer with recovery
	Location of grab sample
	Rock coring interval
	Water level during drilling
	Water level taken on date shown

Graphic Log of Soil and Rock Types



GEOTECHNICAL TESTING EXPLANATIONS

ATT	Atterberg Limits	P	Pushed Sample
CBR	California Bearing Ratio	PP	Pocket Penetrometer
CON	Consolidation	P200	Percent Passing U.S. Standard No. 200 Sieve
DD	Dry Density		
DS	Direct Shear	RES	Resilient Modulus
HYD	Hydrometer Gradation	SIEV	Sieve Gradation
MC	Moisture Content	TOR	Torvane
MD	Moisture-Density Relationship	UC	Unconfined Compressive Strength
NP	Non-Plastic	VS	Vane Shear
OC	Organic Content	kPa	Kilopascal

ENVIRONMENTAL TESTING EXPLANATIONS

CA	Sample Submitted for Chemical Analysis	ND	Not Detected
P	Pushed Sample	NS	No Visible Sheen
PID	Photoionization Detector Headspace Analysis	SS	Slight Sheen
		MS	Moderate Sheen
ppm	Parts per Million	HS	Heavy Sheen

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EXPLORATION KEY

TABLE A-1

RELATIVE DENSITY - COARSE-GRAINED SOIL

Relative Density	Standard Penetration Resistance	Dames & Moore Sampler (140-pound hammer)	Dames & Moore Sampler (300-pound hammer)
Very Loose	0 – 4	0 – 11	0 – 4
Loose	4 – 10	11 – 26	4 – 10
Medium Dense	10 – 30	26 – 74	10 – 30
Dense	30 – 50	74 – 120	30 – 47
Very Dense	More than 50	More than 120	More than 47

CONSISTENCY - FINE-GRAINED SOIL

Consistency	Standard Penetration Resistance	Dames & Moore Sampler (140-pound hammer)	Dames & Moore Sampler (300-pound hammer)	Unconfined Compressive Strength (tsf)
Very Soft	Less than 2	Less than 3	Less than 2	Less than 0.25
Soft	2 – 4	3 – 6	2 – 5	0.25 – 0.50
Medium Stiff	4 – 8	6 – 12	5 – 9	0.50 – 1.0
Stiff	8 – 15	12 – 25	9 – 19	1.0 – 2.0
Very Stiff	15 – 30	25 – 65	19 – 31	2.0 – 4.0
Hard	More than 30	More than 65	More than 31	More than 4.0

PRIMARY SOIL DIVISIONS			GROUP SYMBOL	GROUP NAME
COARSE-GRAINED SOIL (more than 50% retained on No. 200 sieve)	GRAVEL (more than 50% of coarse fraction retained on No. 4 sieve)	CLEAN GRAVEL (< 5% fines)	GW or GP	GRAVEL
		GRAVEL WITH FINES (≥ 5% and ≤ 12% fines)	GW-GM or GP-GM	GRAVEL with silt
			GW-GC or GP-GC	GRAVEL with clay
		GRAVEL WITH FINES (> 12% fines)	GM	silty GRAVEL
			GC	clayey GRAVEL
			GC-GM	silty, clayey GRAVEL
	SAND (50% or more of coarse fraction passing No. 4 sieve)	CLEAN SAND (<5% fines)	SW or SP	SAND
		SAND WITH FINES (≥ 5% and ≤ 12% fines)	SW-SM or SP-SM	SAND with silt
			SW-SC or SP-SC	SAND with clay
		SAND WITH FINES (> 12% fines)	SM	silty SAND
			SC	clayey SAND
			SC-SM	silty, clayey SAND
FINE-GRAINED SOIL (50% or more passing No. 200 sieve)	SILT AND CLAY	Liquid limit less than 50	ML	SILT
			CL	CLAY
			CL-ML	silty CLAY
			OL	ORGANIC SILT or ORGANIC CLAY
		Liquid limit 50 or greater	MH	SILT
			CH	CLAY
			OH	ORGANIC SILT or ORGANIC CLAY
HIGHLY ORGANIC SOIL			PT	PEAT

MOISTURE CLASSIFICATION

Term	Field Test
dry	very low moisture, dry to touch
moist	damp, without visible moisture
wet	visible free water, usually saturated

ADDITIONAL CONSTITUENTS

Secondary granular components or other materials such as organics, man-made debris, etc.

Percent	Silt and Clay In: Fine-Grained Soil	Silt and Clay In: Coarse-Grained Soil	Percent	Sand and Gravel In: Fine-Grained Soil	Sand and Gravel In: Coarse-Grained Soil
< 5	trace	trace	< 5	trace	trace
5 – 12	minor	with	5 – 15	minor	minor
> 12	some	silty/clayey	15 – 30	with	with
			> 30	sandy/gravelly	Indicate %

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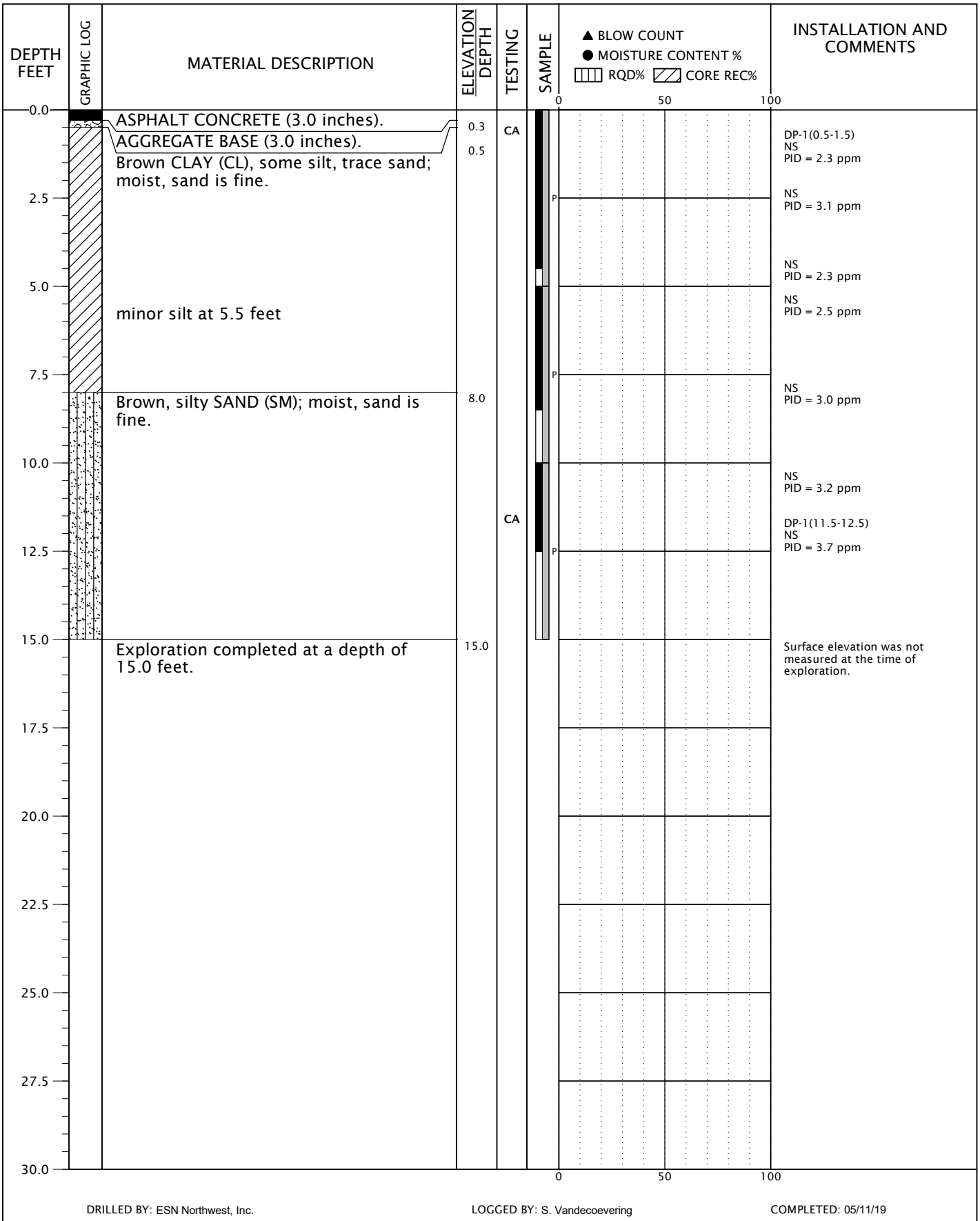
SOIL CLASSIFICATION SYSTEM

TABLE A-2



DRILLED BY: ESN Northwest, Inc.

LOGGED BY: S. Vandecoevering

COMPLETED: 05/11/19

BORING METHOD: direct push (see document text)

BORING BIT DIAMETER: 2 1/4 inches

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MILLCREEK-19-01-02

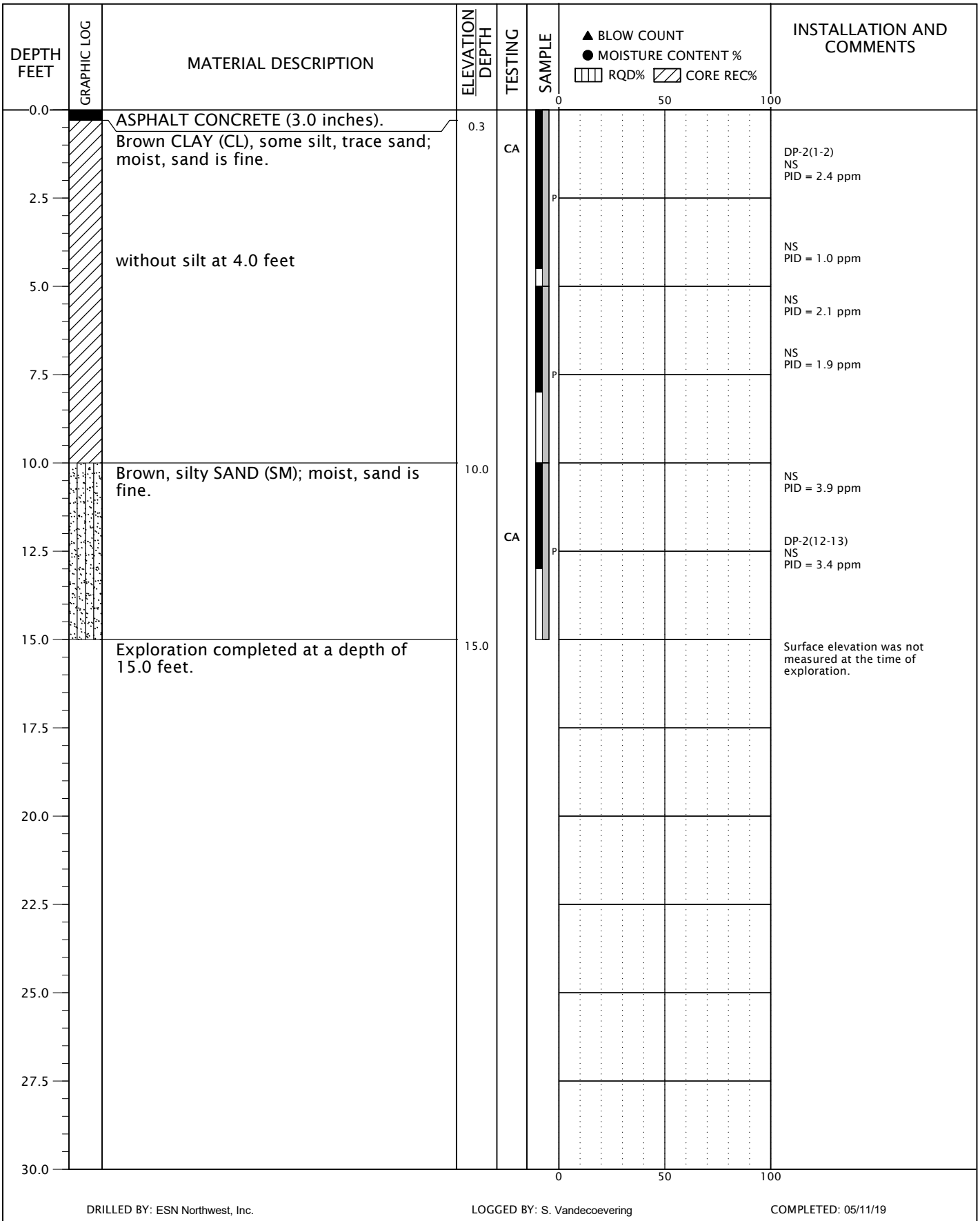
BORING DP-1

JULY 2019

MODERA MORRISON
PORTLAND, OR

FIGURE A-1

BORING LOG MILLCREEK-19-01-02-DP1_17-HA1_2.GPJ GEODESIGN.GDT PRINT DATE: 7/30/19:KM:KT



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MILLCREEK-19-01-02

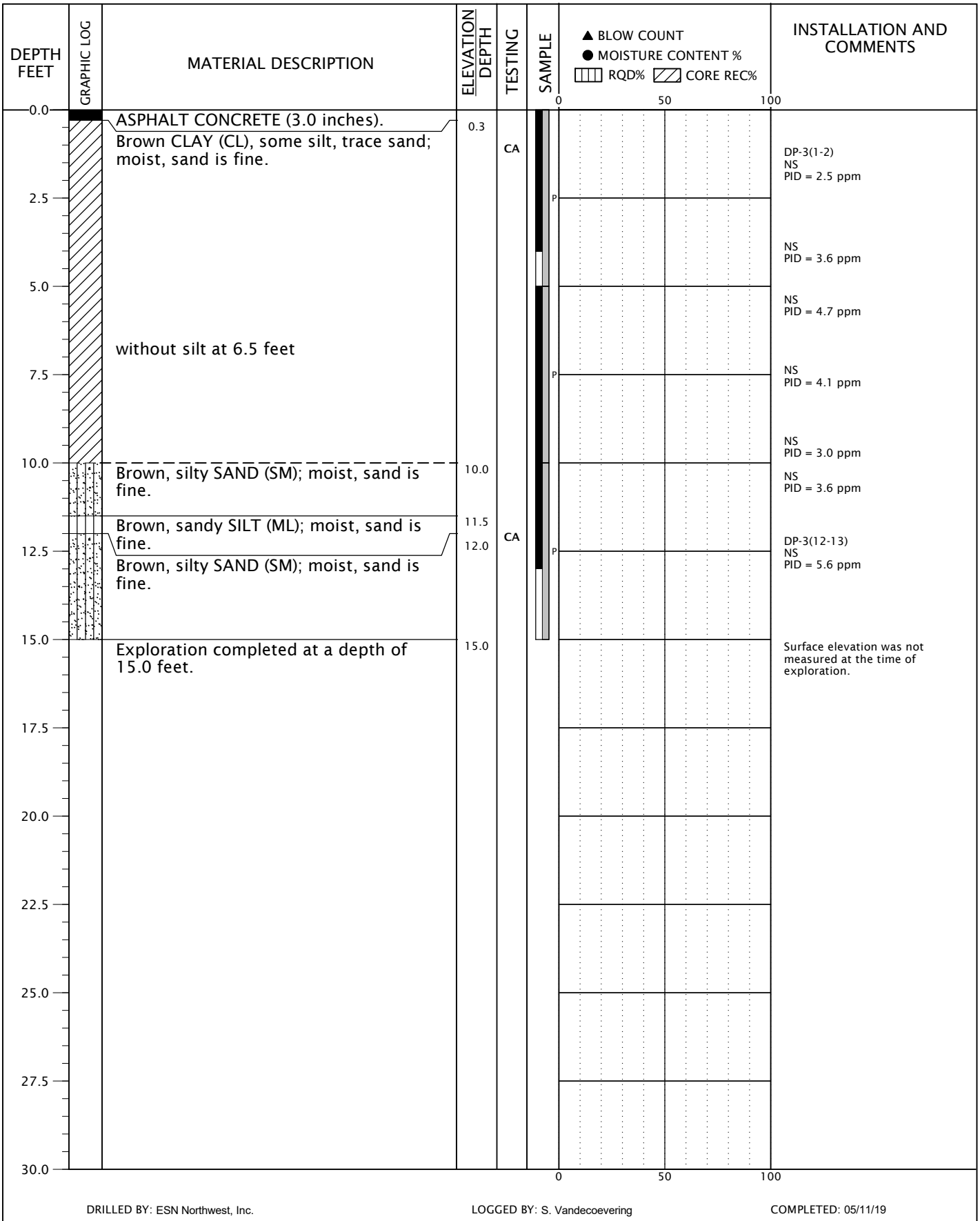
BORING DP-2

JULY 2019

MODERA MORRISON
PORTLAND, OR

FIGURE A-2

BORING LOG MILLCREEK-19-01-02-DP1_17-HA1_2.GPJ GEODESIGN.GDT PRINT DATE: 7/30/19:KM:KT



DRILLED BY: ESN Northwest, Inc.

LOGGED BY: S. Vandecoevering

COMPLETED: 05/11/19

BORING METHOD: direct push (see document text)

BORING BIT DIAMETER: 2 1/4 inches

BORING LOG MILLCREEK-19-01-02-DP1_17-HA1_2.GPJ GEODESIGN.GDT PRINT DATE: 7/30/19:KM:KT

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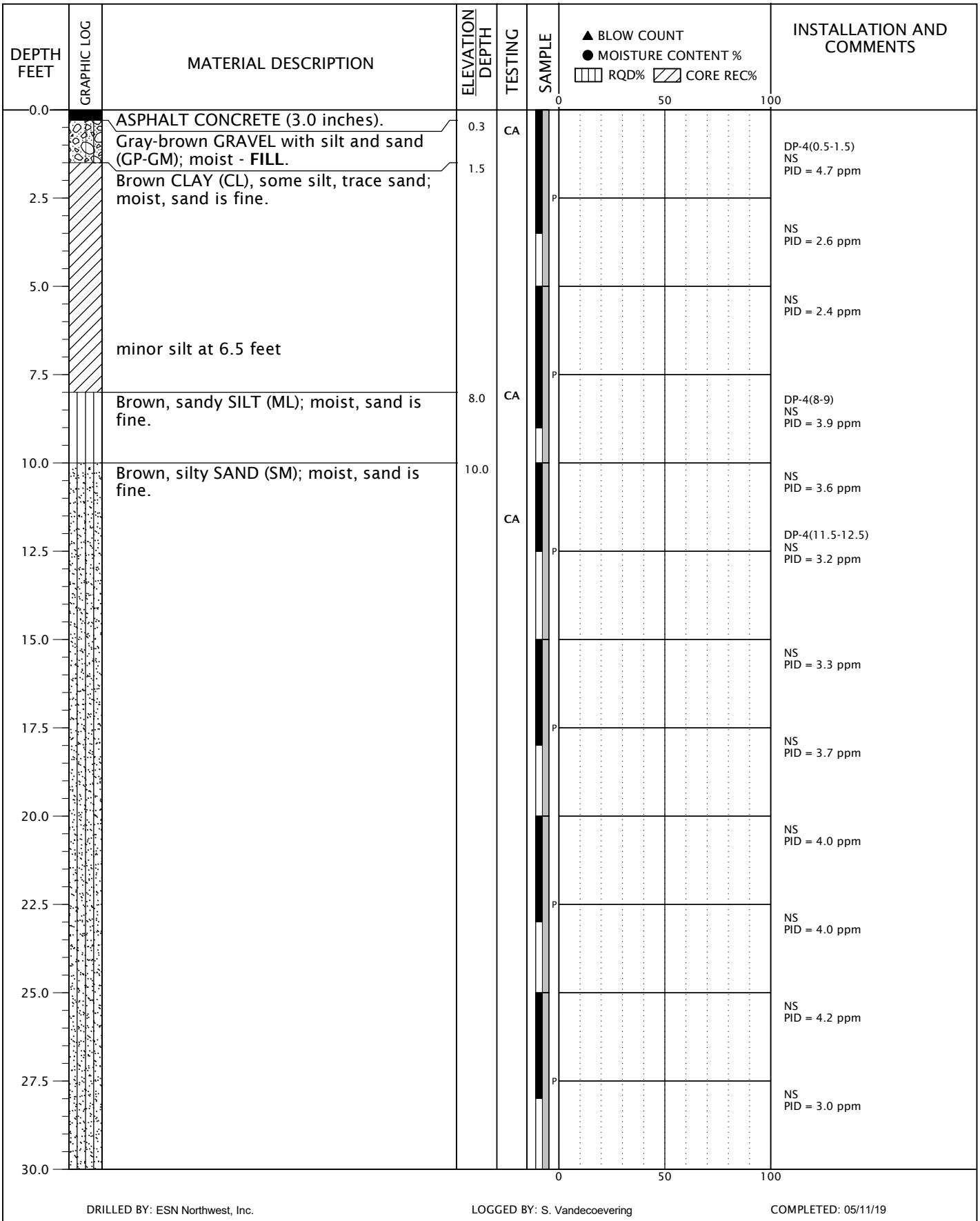
MILLCREEK-19-01-02

BORING DP-3

JULY 2019

MODERA MORRISON
PORTLAND, OR

FIGURE A-3



DRILLED BY: ESN Northwest, Inc.

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BORING METHOD: direct push (see document text)

BORING BIT DIAMETER: 2 1/4 inches

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MILLCREEK-19-01-02

BORING DP-4

JULY 2019

MODERA MORRISON
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FIGURE A-4

BORING LOG MILLCREEK-19-01-02-DP1_17-HA1_2.GPJ GEODESIGN.GDT PRINT DATE: 7/30/19:KM:KT

DEPTH FEET	GRAPHIC LOG	MATERIAL DESCRIPTION	ELEVATION DEPTH	TESTING	SAMPLE	▲ BLOW COUNT ● MOISTURE CONTENT % RQD% CORE REC% 0 50 100	INSTALLATION AND COMMENTS
30.0		Exploration completed at a depth of 30.0 feet.	30.0				Surface elevation was not measured at the time of exploration.
32.5							
35.0							
37.5							
40.0							
42.5							
45.0							
47.5							
50.0							
52.5							
55.0							
57.5							
60.0						0 50 100	

DRILLED BY: ESN Northwest, Inc. LOGGED BY: S. Vandecoevering COMPLETED: 05/11/19

BORING METHOD: direct push (see document text) BORING BIT DIAMETER: 2 1/4 inches

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MILLCREEK-19-01-02

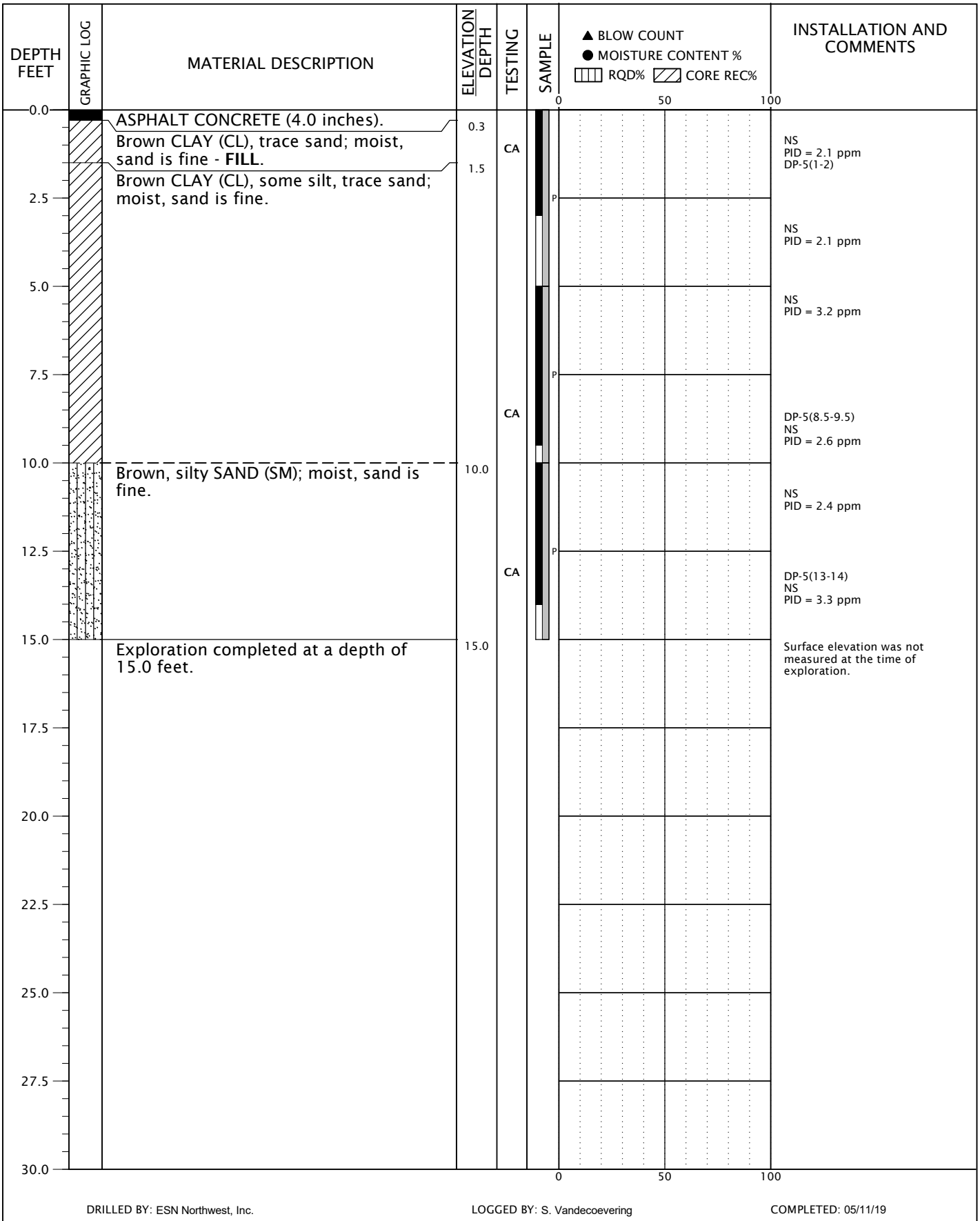
BORING DP-4
(continued)

JULY 2019

MODERA MORRISON
PORTLAND, OR

FIGURE A-4

BORING LOG MILLCREEK-19-01-02-DP1_17-HA1_2.GPJ GEODESIGN.GDT PRINT DATE: 7/30/19:KM:KT



DRILLED BY: ESN Northwest, Inc.

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COMPLETED: 05/11/19

BORING METHOD: direct push (see document text)

BORING BIT DIAMETER: 2 1/4 inches

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MILLCREEK-19-01-02

BORING DP-5

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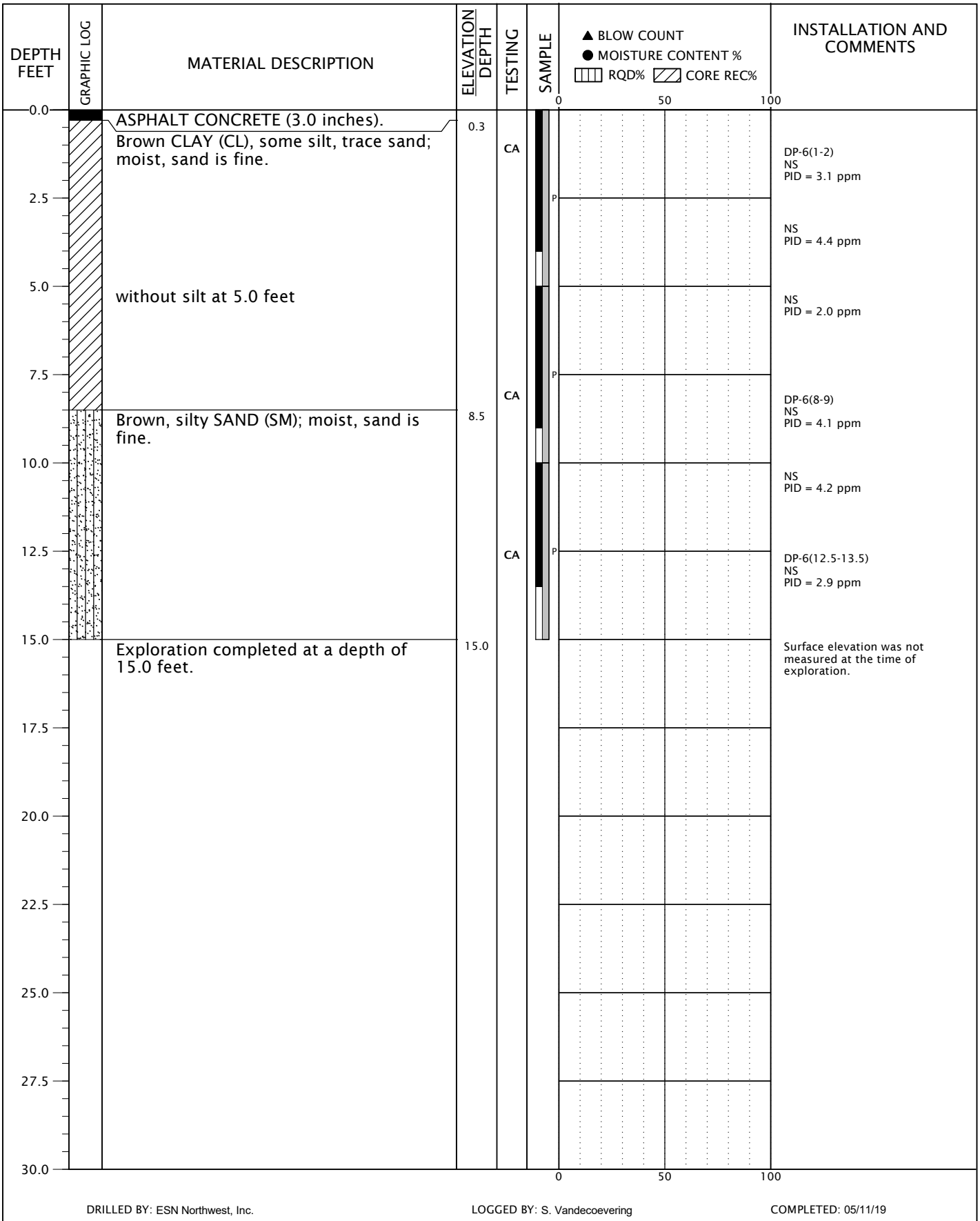
MODERA MORRISON
PORTLAND, OR

FIGURE A-5

BORING LOG MILLCREEK-19-01-02-DP1_17-HA1_2.GPJ GEODESIGN.GDT PRINT DATE: 7/30/19:KM:KT



DRILLED BY: ESN Northwest, Inc.

LOGGED BY: S. Vandecoevering

COMPLETED: 05/11/19

BORING METHOD: direct push (see document text)

BORING BIT DIAMETER: 2 1/4 inches

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MILLCREEK-19-01-02

BORING DP-6

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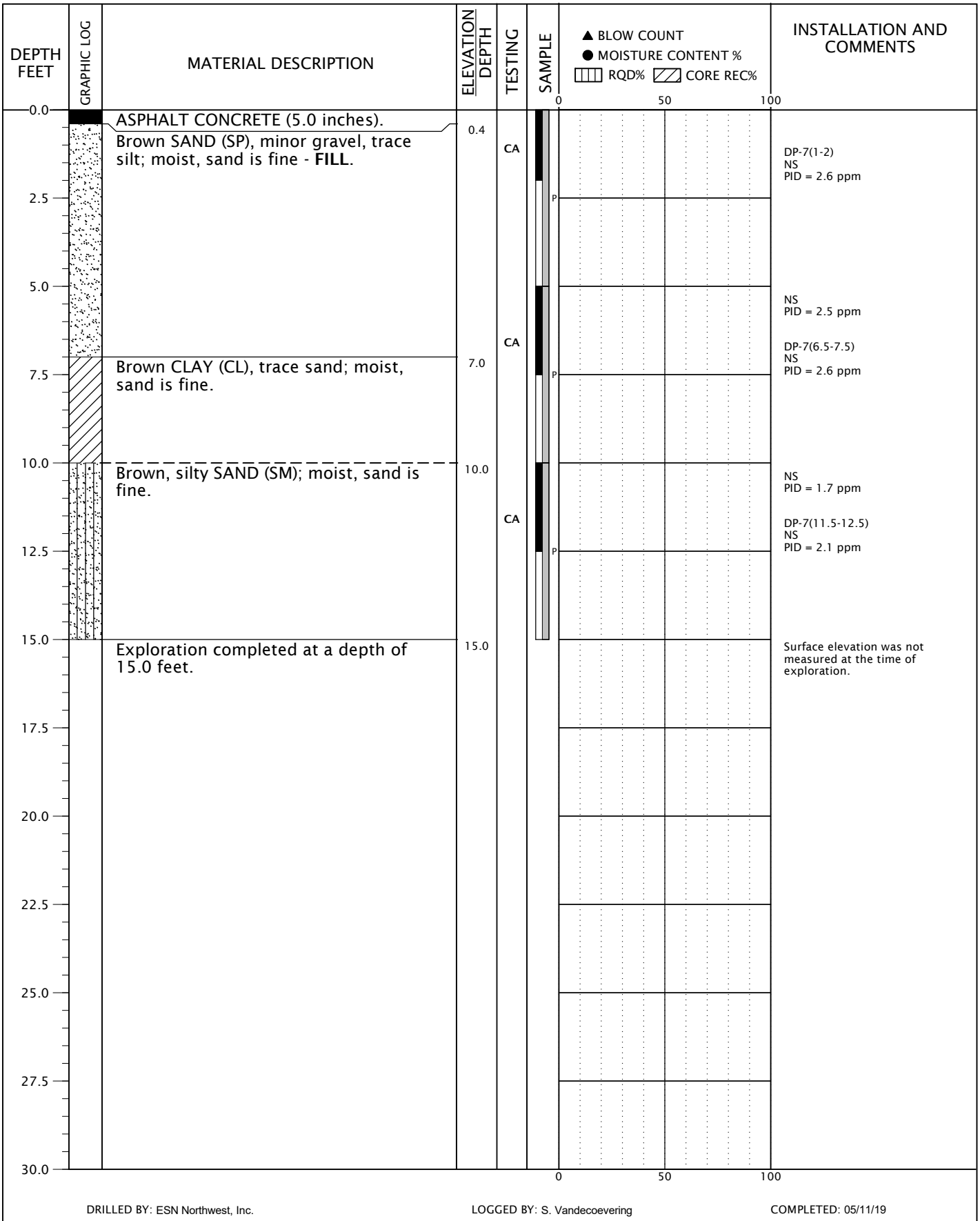
FIGURE A-6

BORING LOG MILLCREEK-19-01-02-DP1_17-HA1_2.GPJ GEODESIGN.GDT PRINT DATE: 7/30/19:KM:KT



DRILLED BY: ESN Northwest, Inc.

LOGGED BY: S. Vandecoevering

COMPLETED: 05/11/19

BORING METHOD: direct push (see document text)

BORING BIT DIAMETER: 2 1/4 inches

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MILLCREEK-19-01-02

BORING DP-7

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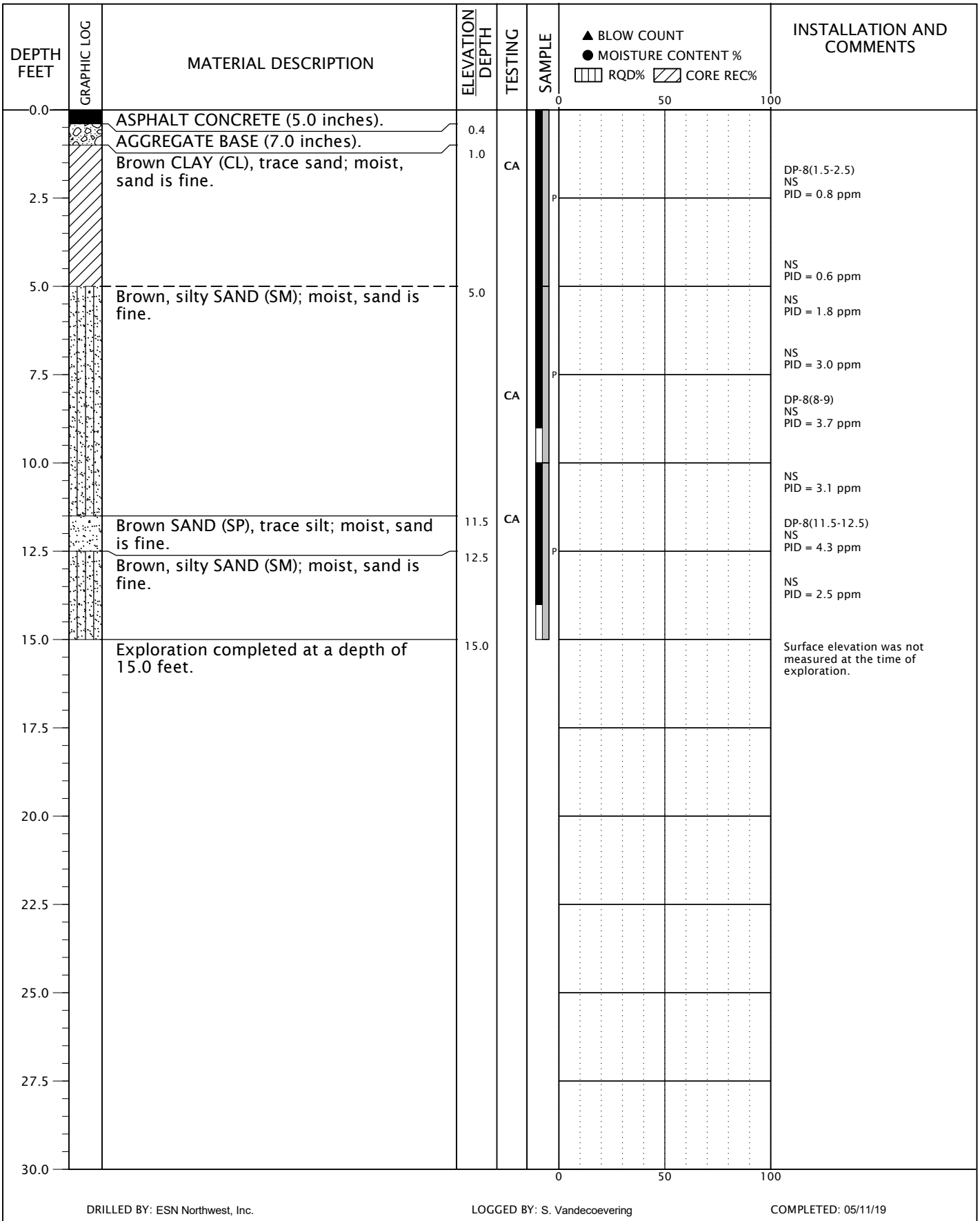
FIGURE A-7

BORING LOG MILLCREEK-19-01-02-DP1_17-HA1_2.GPJ GEODESIGN.GDT PRINT DATE: 7/30/19:KM:KT



DRILLED BY: ESN Northwest, Inc.

LOGGED BY: S. Vandecoevering

COMPLETED: 05/11/19

BORING METHOD: direct push (see document text)

BORING BIT DIAMETER: 2 1/4 inches

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MILLCREEK-19-01-02

BORING DP-8

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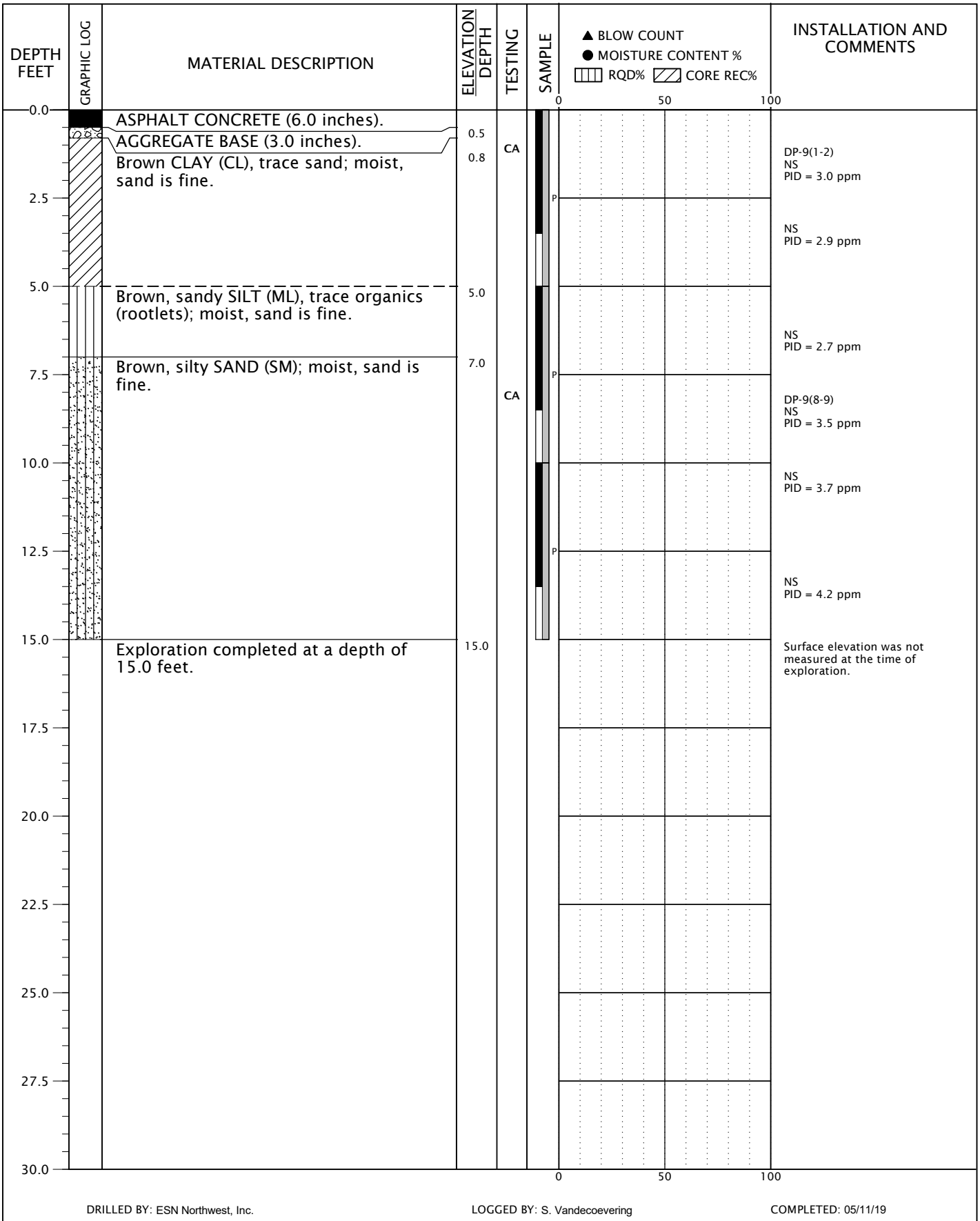
FIGURE A-8

BORING LOG MILLCREEK-19-01-02-DP1_17-HA1_2.GPJ GEODESIGN.GDT PRINT DATE: 7/30/19:KM:KT



DRILLED BY: ESN Northwest, Inc.

LOGGED BY: S. Vandecoevering

COMPLETED: 05/11/19

BORING METHOD: direct push (see document text)

BORING BIT DIAMETER: 2 1/4 inches

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MILLCREEK-19-01-02

BORING DP-9

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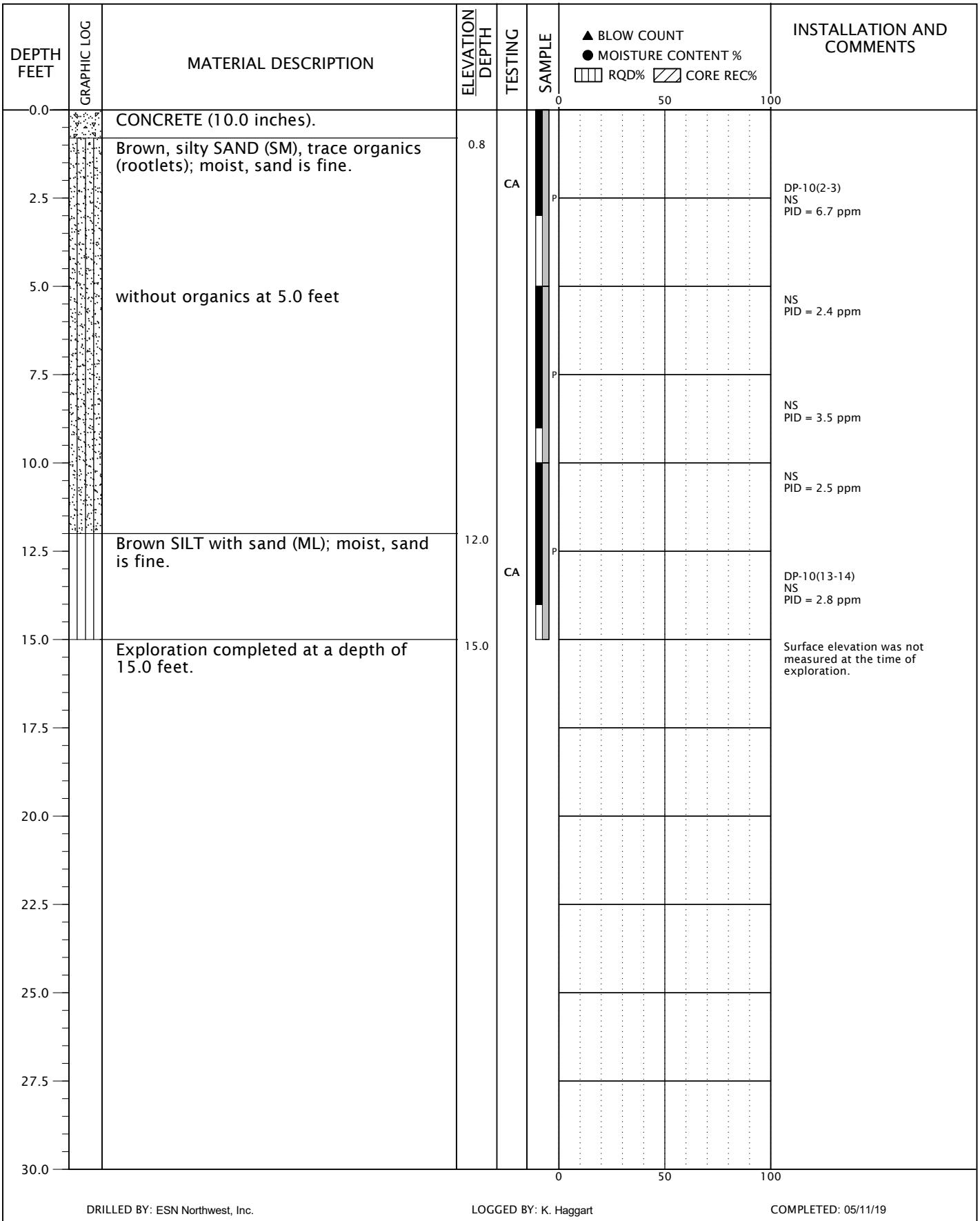
FIGURE A-9

BORING LOG MILLCREEK-19-01-02-DP1_17-HA1_2.GPJ GEODESIGN.GDT PRINT DATE: 7/30/19:KM:KT



DRILLED BY: ESN Northwest, Inc.

LOGGED BY: K. Haggart

COMPLETED: 05/11/19

BORING METHOD: direct push (see document text)

BORING BIT DIAMETER: 2 1/4 inches

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MILLCREEK-19-01-02

BORING DP-10

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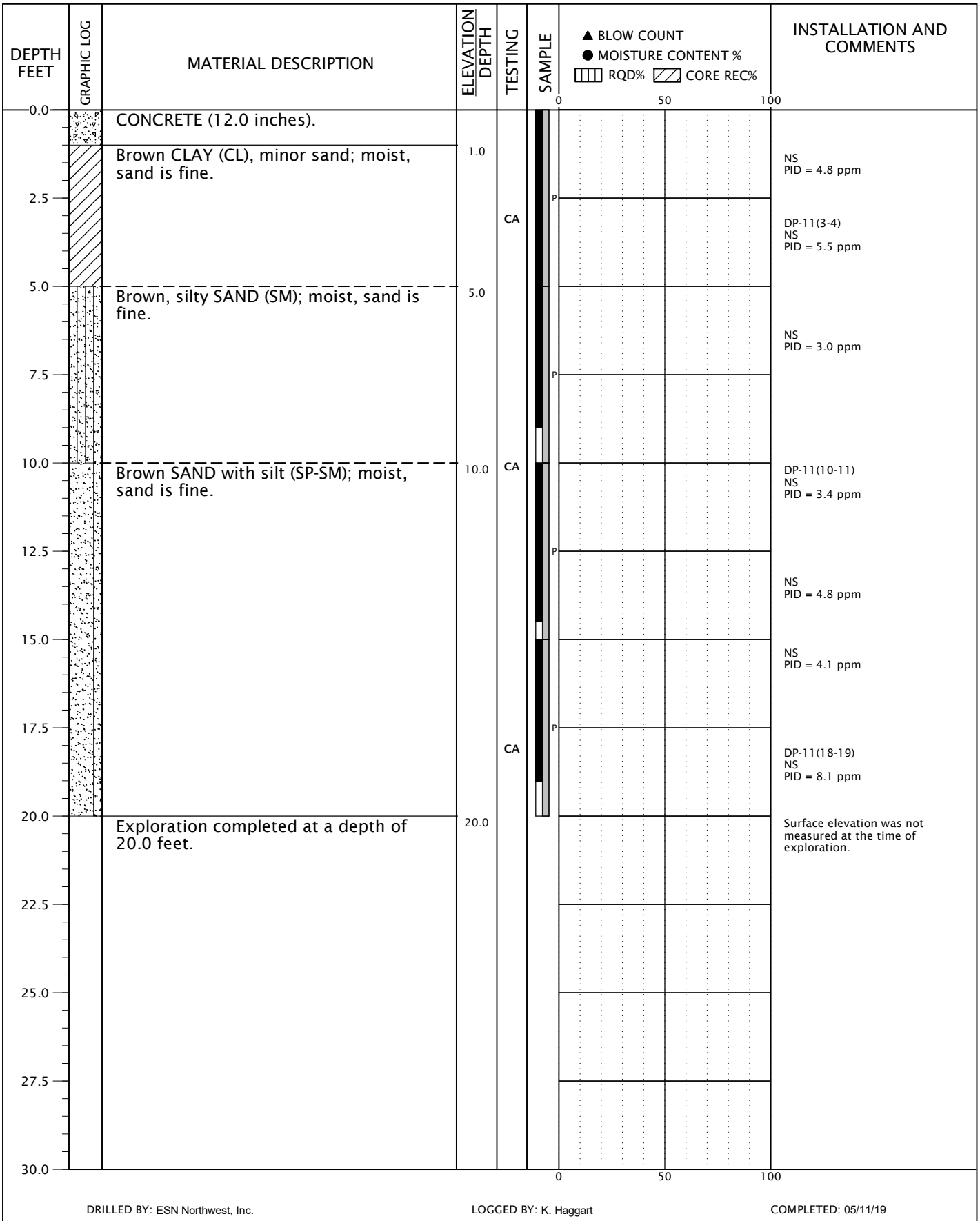
FIGURE A-10

BORING LOG MILLCREEK-19-01-02-DP1_17-HA1_2.GPJ GEODESIGN.GDT PRINT DATE: 7/30/19:KM:KT



DRILLED BY: ESN Northwest, Inc.

LOGGED BY: K. Haggart

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BORING METHOD: direct push (see document text)

BORING BIT DIAMETER: 2 1/4 inches

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MILLCREEK-19-01-02

BORING DP-11

JULY 2019

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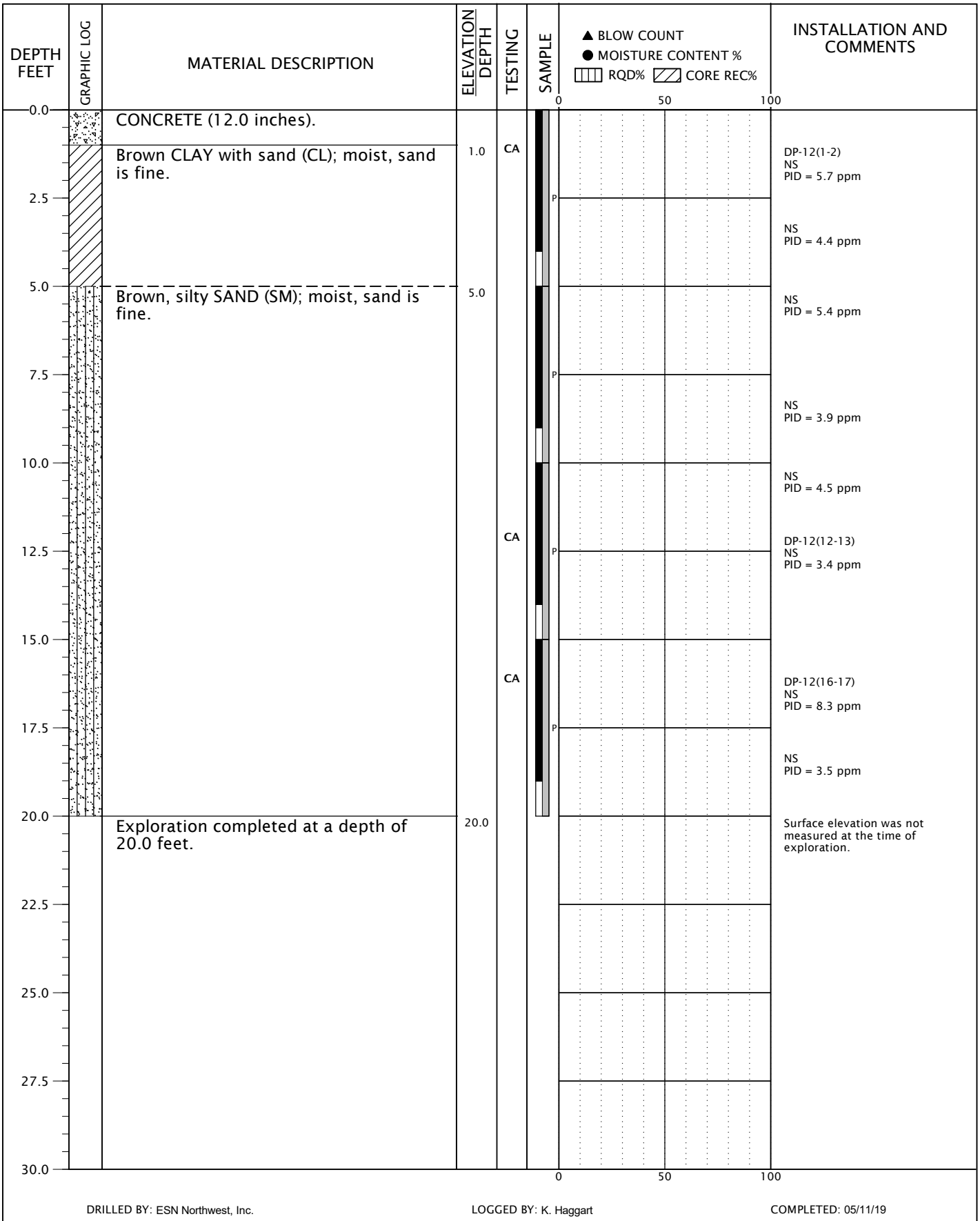
FIGURE A-11

BORING LOG MILLCREEK-19-01-02-DP1_17-HA1_2.GPJ GEODESIGN.GDT PRINT DATE: 7/30/19:KM:KT



DRILLED BY: ESN Northwest, Inc.

LOGGED BY: K. Haggart

COMPLETED: 05/11/19

BORING METHOD: direct push (see document text)

BORING BIT DIAMETER: 2 1/4 inches

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MILLCREEK-19-01-02

BORING DP-12

JULY 2019

MODERA MORRISON
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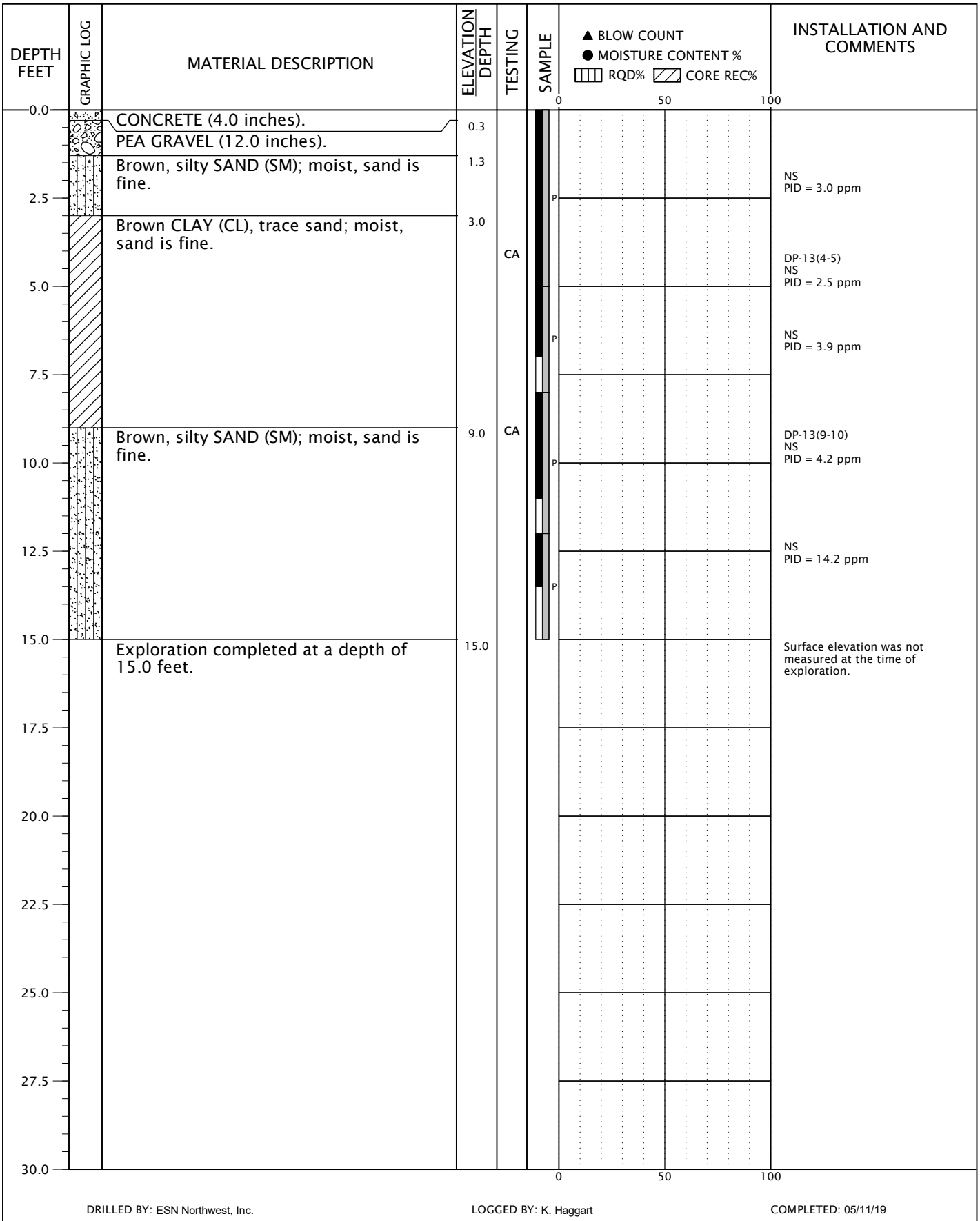
FIGURE A-12

BORING LOG MILLCREEK-19-01-02-DP1_17-HA1_2.GPJ GEODESIGN.GDT PRINT DATE: 7/30/19:KM:KT



DRILLED BY: ESN Northwest, Inc.

LOGGED BY: K. Haggart

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BORING METHOD: direct push (see document text)

BORING BIT DIAMETER: 2 1/4 inches

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MILLCREEK-19-01-02

BORING DP-13

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FIGURE A-13

BORING LOG MILLCREEK-19-01-02-DP1_17-HA1_2.GPJ GEODESIGN.GDT PRINT DATE: 7/30/19:KM:KT

DEPTH FEET	GRAPHIC LOG	MATERIAL DESCRIPTION	ELEVATION DEPTH	TESTING	SAMPLE	▲ BLOW COUNT ● MOISTURE CONTENT % RQD% CORE REC% (0 / 50 / 100)	INSTALLATION AND COMMENTS
0.0		CONCRETE (8.0 inches).					
		PEA GRAVEL (4.0 inches).	0.7				
		Brown CLAY with sand (CL); moist, sand is fine.	1.0	CA	P		DP-14(2-3) NS PID = 3.6 ppm
5.0							NS PID = 3.8 ppm
7.5					P		
10.0				CA			DP-14(11-12) NS PID = 4.9 ppm
12.5					P		
		Exploration completed at a depth of 14.0 feet.	14.0				Surface elevation was not measured at the time of exploration.
15.0							
17.5							
20.0							
22.5							
25.0							
27.5							
30.0							

DRILLED BY: ESN Northwest, Inc. LOGGED BY: K. Haggart COMPLETED: 05/11/19

BORING METHOD: direct push (see document text) BORING BIT DIAMETER: 2 1/4 inches

BORING LOG MILLCREEK-19-01-02-DP1_17-HA1_2.GPJ GEODESIGN.GDT PRINT DATE: 7/30/19:KM:KT

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MILLCREEK-19-01-02

BORING DP-14

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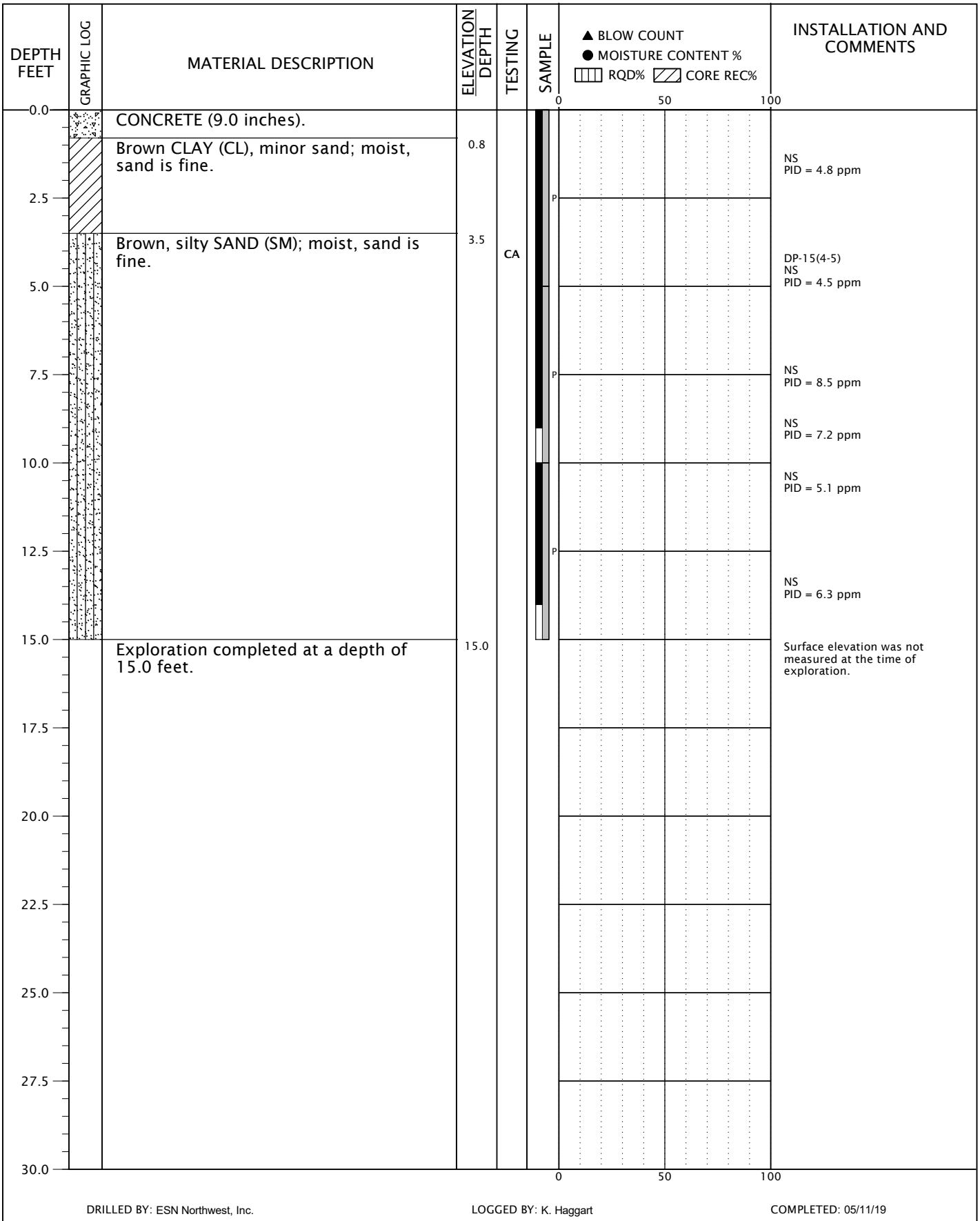
FIGURE A-14



DRILLED BY: ESN Northwest, Inc.

LOGGED BY: K. Haggart

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BORING METHOD: direct push (see document text)

BORING BIT DIAMETER: 2 1/4 inches

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MILLCREEK-19-01-02

BORING DP-15

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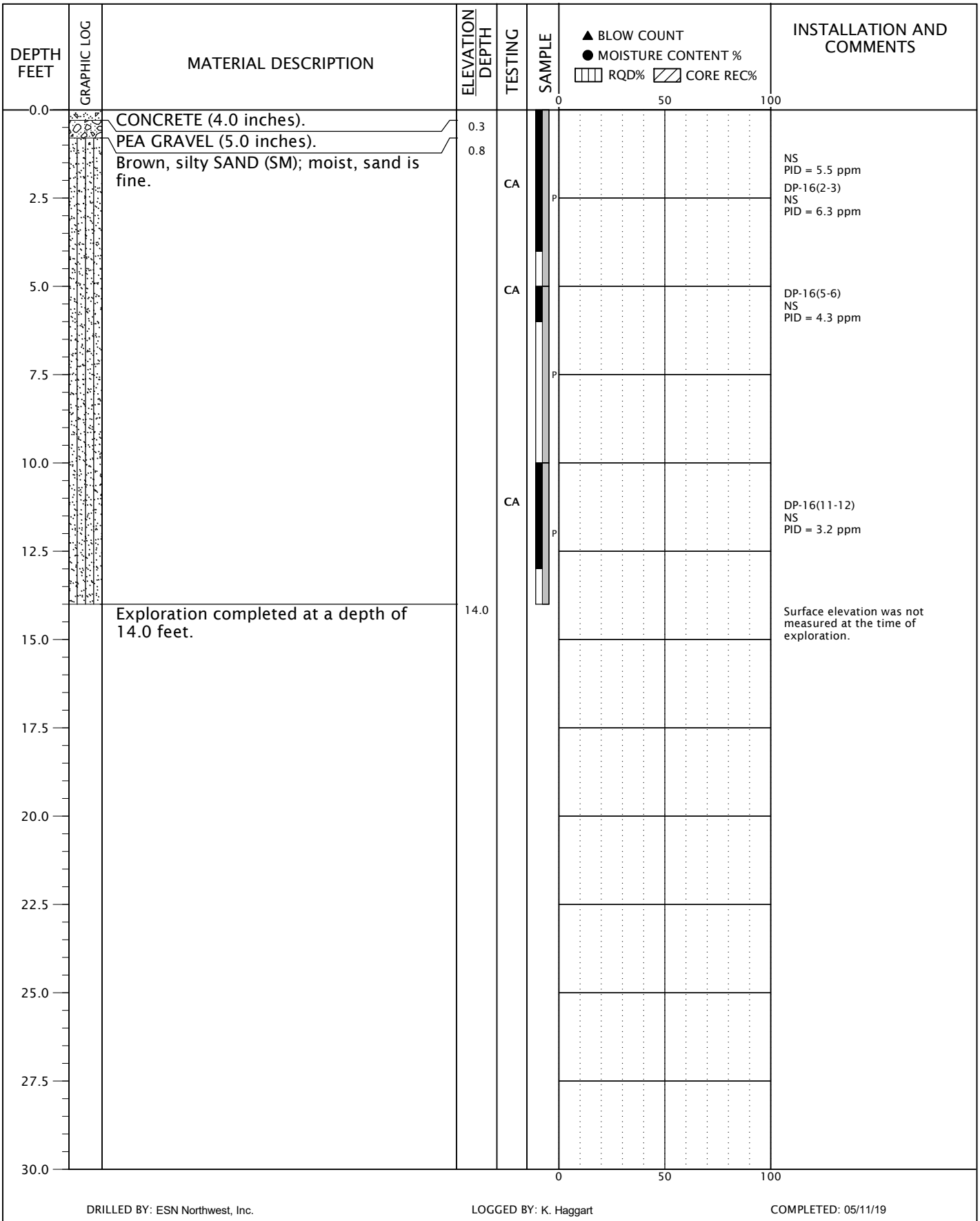
FIGURE A-15

BORING LOG MILLCREEK-19-01-02-DP1_17-HA1_2.GPJ GEODESIGN.GDT PRINT DATE: 7/30/19:KM:KT



DRILLED BY: ESN Northwest, Inc.

LOGGED BY: K. Haggart

COMPLETED: 05/11/19

BORING METHOD: direct push (see document text)

BORING BIT DIAMETER: 2 1/4 inches

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MILLCREEK-19-01-02

BORING DP-16

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FIGURE A-16

BORING LOG MILLCREEK-19-01-02-DP1_17-HA1_2.GPJ GEODESIGN.GDT PRINT DATE: 7/30/19:KM:KT

DEPTH FEET	GRAPHIC LOG	MATERIAL DESCRIPTION	ELEVATION DEPTH	TESTING	SAMPLE	▲ BLOW COUNT ● MOISTURE CONTENT % RQD% CORE REC%	INSTALLATION AND COMMENTS
0.0		CONCRETE (5.0 inches).	0.4		P	0 50 100	
		PEA GRAVEL (19.0 inches).					
2.5		Exploration terminated at a depth of 2.0 feet due to possible utility.	2.0				Surface elevation was not measured at the time of exploration.
5.0							
7.5							
10.0							
12.5							
15.0							
17.5							
20.0							
22.5							
25.0							
27.5							
30.0						0 50 100	

DRILLED BY: ESN Northwest, Inc. LOGGED BY: K. Haggart COMPLETED: 05/11/19

BORING METHOD: direct push (see document text) BORING BIT DIAMETER: 2 1/4 inches

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MILLCREEK-19-01-02

BORING DP-17

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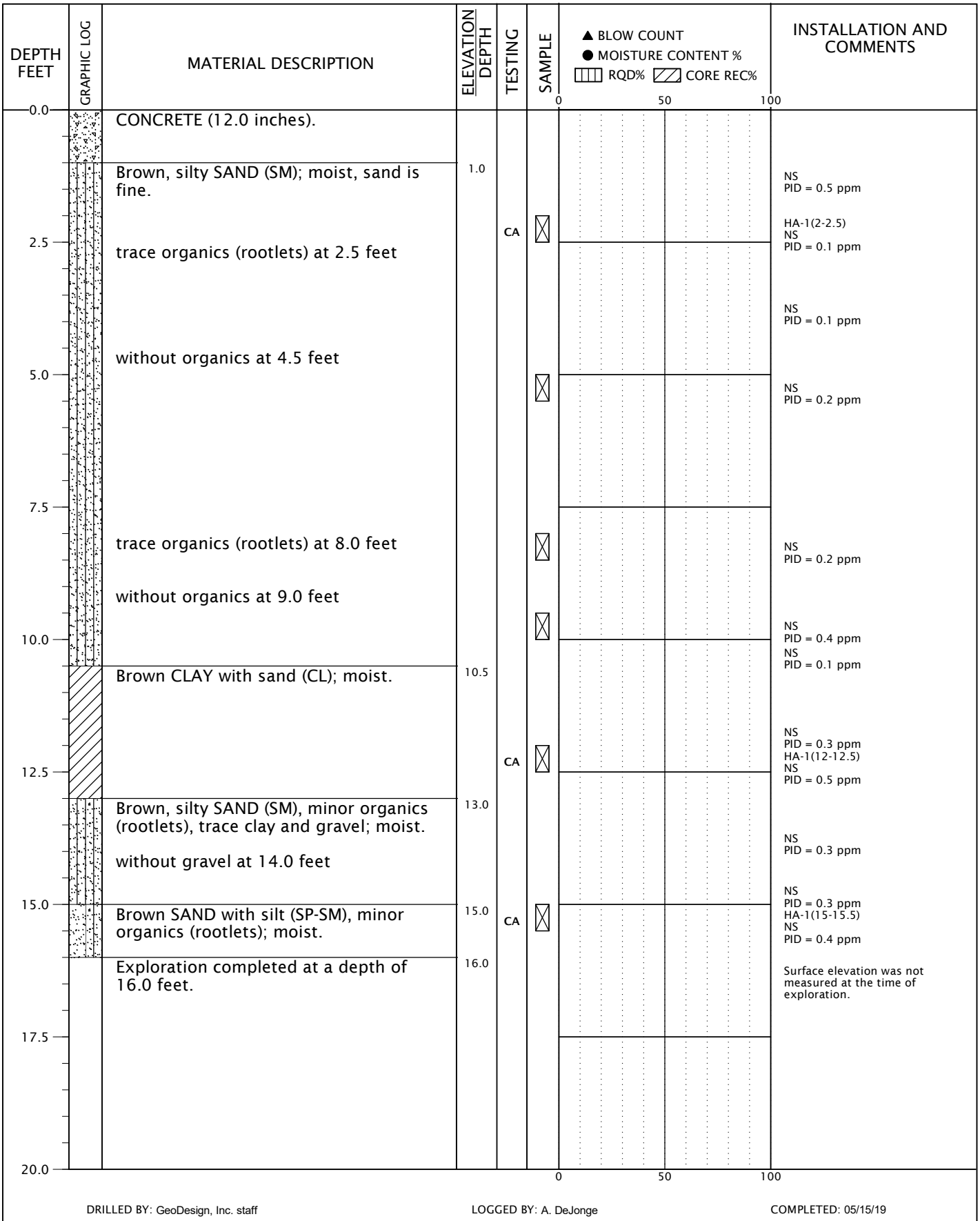
FIGURE A-17

BORING LOG MILLCREEK-19-01-02-DP1_17-HA1_2.GPJ GEODESIGN.GDT PRINT DATE: 7/30/19:KM:KT



DRILLED BY: GeoDesign, Inc. staff

LOGGED BY: A. DeJonge

COMPLETED: 05/15/19

BORING METHOD: hand auger (see document text)

BORING BIT DIAMETER: 2 1/2 inches

BORING LOG MILLCREEK-19-01-02-DPI_17-HA1_2.GPJ GEODESIGN.GDT PRINT DATE: 7/30/19:KM:KT

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MILLCREEK-19-01-02

BORING HA-1

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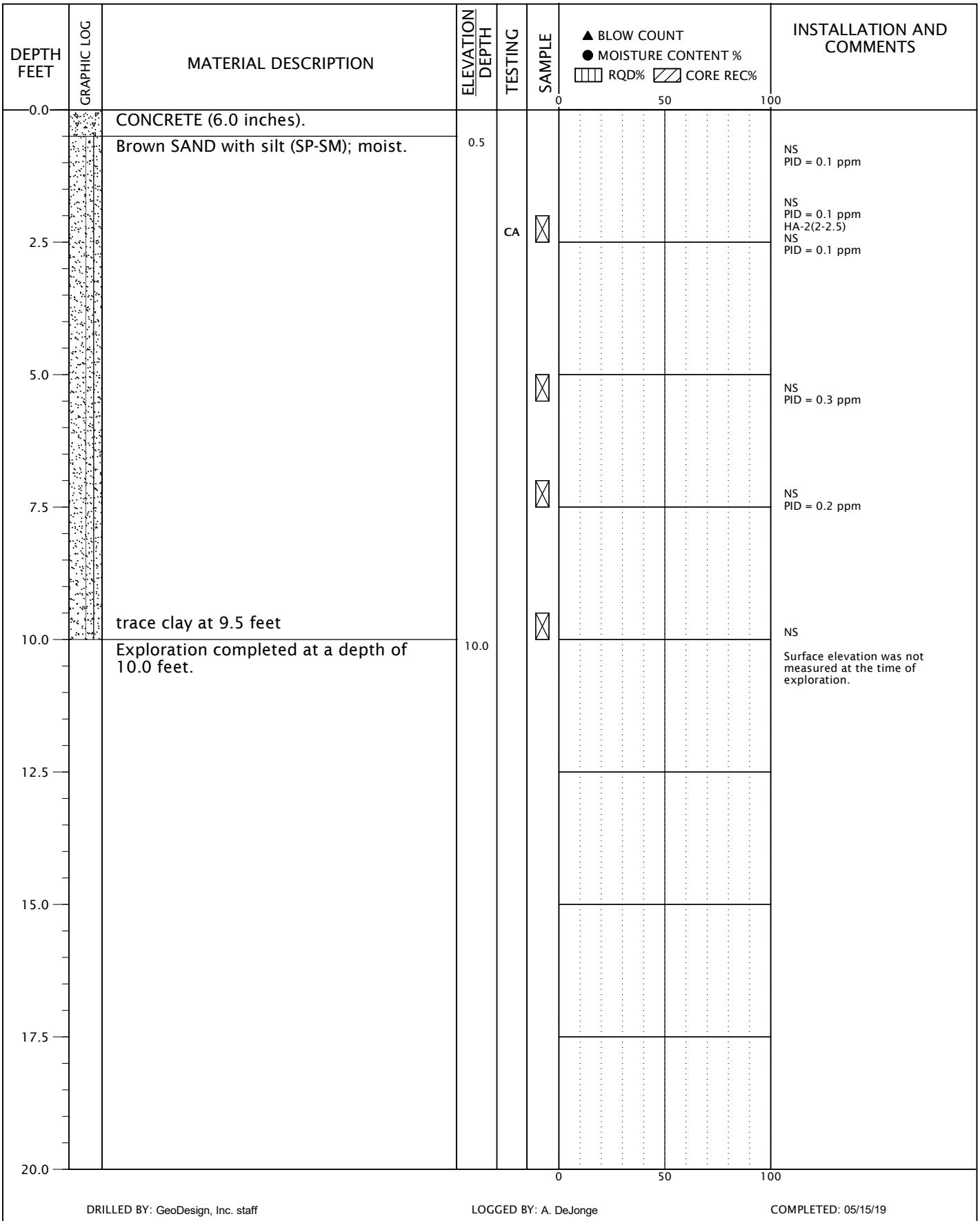
FIGURE A-18



DRILLED BY: GeoDesign, Inc. staff

LOGGED BY: A. DeJonge

COMPLETED: 05/15/19

BORING METHOD: hand auger (see document text)

BORING BIT DIAMETER: 2 1/2 inches

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MILLCREEK-19-01-02

BORING HA-2

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FIGURE A-19

BORING LOG MILLCREEK-19-01-02-DPI_17-HA1_2.GPJ GEODESIGN.GDT PRINT DATE: 7/30/19:KM:KT

APPENDIX B

PACIFIC GEOPHYSICS
Applied Geophysics

GEOPHYSICAL SURVEY LETTER REPORT

Kyle Sattler
GeoDesign, Inc. [GDI]

Project: 190415
Survey Date: May 4, 2019

City Block Survey
SE Morrison Street and SE 11th Avenue
Portland, Oregon

A geophysical survey was conducted across the city block located between SE Morrison and SE Belmont Streets, and SE 11th and 12th Avenues, for GeoDesign. The purpose of the survey was as follows:

- Outline two known underground storage tanks (USTs) in the sidewalk south of the block. Fill ports and access ports are located in the sidewalk.
- Confirm the removal of USTs and outline the excavation from their removal in the small parking/loading area in the northwest of the block.
- Determine the outflow of a catch basin near the loading dock in the same area.
- Investigate a possible fill port and access port in the main parking lot.
- Determine the outflow of a catch basin in the main parking lot.
- Investigate two suspicious round patches in the same lot.

Figure 1 shows the survey location and areas.

South sidewalk – A Schonstedt magnetic gradiometer and an EMA6 Tracer metal detector were initially used in the vicinity of the fill and access ports. The two tanks are believed to be buried end to end along the sidewalk. The access ports were opened and the top of the tanks was measured to be 4-5 feet. The north and south edges of the tanks were detected. The east end of the east tank could not be detected readily with the hand-held instruments due to two service utilities that were located in this area. A GSSI SIR-2000 ground-penetrating radar (GPR) system connected to a 400-MHz antenna was used to collect radar profiles in this area. Radar-data quality was extremely poor in this location. The top of the tanks could not be readily detected. Based on this poor data and the response of the hand-held instruments the tanks were marked on the ground surface with paint. The uncertainty of the results is great in this area. Two possibilities of the eastern edge were marked. The results are shown in Figure 2.

UST pit – GPR was used across a patch in the northwest loading dock suspected to be the location of the former tanks. Hand-held instruments were also used to scan for metallic objects. No metallic objects were detected in the patch, suggesting the tanks have been removed. Reflections typical of a UST excavation were seen across the patch. Several tank-like reflections were seen in parallel profiles taken in the eastern end of this excavation, though no magnetic anomalies correspond to these reflections. In profiles taken in the perpendicular direction the reflections appear irregular. It is unlikely these are from a tank and are more likely to be debris, but the existence of a non-metallic tank cannot be ruled out.

Catch basin – The outflow pipe exits the catch basin toward the southwest. This was confirmed with GPR. It appears to extend under the loading dock. A fish tape was inserted in the pipe. A Radio Detection TX3/RD8000 PDL transmitter/receiver system was used to place a current onto the tape and the pipe itself. Due to the pipe being cast iron, the transmission was weak. A broad signal was detected in the west sidewalk in an area where previously marked sewer lines were shown to be. Based on all the information and instrument responses, it is very likely that the catch basin is connected to the city storm system.

Fill and access ports in main lot – A round port in the east side of the main parking lot is covering a tank fill port. A metal access port is located 7 feet to the south. The fill port was opened and a measuring tape was inserted. The tank is 6.5 feet in diameter and buried 4'7" below the surface. The access port is filled with soil. The Tracer metal detector was used to outline the tank but was ineffective due to interference created by parked cars near the north and south edges. GPR profiles were taken across the object but data quality was very poor. One of the cars was parked over or near the south end of the tank. A possible location for the north end of the tank was marked on the ground based on the available data. The tank's location is shown in Figure 2.

Catch basin – The outflow pipe from a catch basin near the center of the parking lot exits to the south. It was detected in GPR profiles and appeared to head to the south and east for several feet before it was lost. A current was placed on the pipe with the RD system and was traced to the east. The current was picked up in the vicinity of a pair of sewer line marks already on the ground. As in the previous case the catch basin appears to be connected to the city storm system (Figure 2).

Suspicious patches – GPR traverses were made across two concrete patches near the east fence (Figure 2). No suspicious reflections from buried objects like drywells were seen in the profiles.

After the survey was completed a suspicious circular access port was noticed in the north sidewalk in front of the entrance. It was investigated further with GPR. Reflections typical of rebar above a void were seen. It appears there is a vaulted basement room under the sidewalk spanning the building's facade. It is possible that the port is a coal (or similar fuel) chute, or access for a possible tank in or under this basement below or near the access port. Visual inspection of the basement is recommended.

Nikos Tzetos of Pacific Geophysics conducted the survey for Mr. Kyle Sattler of GDI on May 4, 2019. Mr. André DeJong of GDI was on site during the fieldwork. This letter report was written by Nikos Tzetos and emailed to Messrs. Sattler and DeJong on May 17, 2019.

Limitations

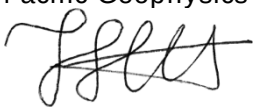
The conclusions presented in this report were based upon widely accepted geophysical principles, methods, and equipment. This survey was conducted with limited knowledge of the site, the site history, and the subsurface conditions.
The goal of near-surface geophysics is to provide a rapid means of characterizing the subsurface using non-intrusive methods. Conclusions based upon these methods are generally reliable; however, due to the inherent ambiguity of the methods, no single interpretation of the data can be made. As an example, rocks and roots produce radar reflections that may appear the same as pipes and tanks.

Under reasonable conditions, geophysical surveys are good at detecting changes in the subsurface caused by man-made objects or changes in subsurface conditions, but they are poor at actually identifying those objects or subsurface conditions.

Objects of interest are not always detectable due to surface and subsurface conditions. The deeper an object is buried, the more difficult it is to detect, and the less accurately it can be located.

The only way to see an object is to physically expose it.

Nikos Tzetos
Pacific Geophysics



May 17, 2019

Appendix A. Geophysical Survey Methods

Ground Penetrating Radar

A Geophysical Survey Systems, Inc. (GSSI) SIR-2000 GPR system coupled to GSSI antennas of various central frequencies is used to obtain the radar data for our surveys.

GPR antennas both transmit and receive electromagnetic energy. EM energy is transmitted into the material the antenna passes over. A portion of that energy is reflected back to the antenna and amplified. Reflections are displayed in real-time in a continuous cross section. Reflections are produced where there is a sufficient electrical contrast between two materials. Changes in the electrical properties (namely the dielectric constant) that produce radar reflections are caused by changes in the moisture content, porosity, mineralogy, and texture of the material. Metallic objects of interest exhibit a strong electrical contrast with the surrounding material and thus produce relatively strong reflections. Non-metallic objects of interest (septic tanks, cesspools, dry wells, and PVC and clay tile pipes) are not always good reflectors.

Radar data are ambiguous. It can be difficult to distinguish the reflection produced by an object of interest from the reflection caused by some natural feature. Rocks or tree roots have reflections that appear similar to reflections from pipes. In concrete investigations reflections produced by metal rebar look exactly like those from electrical conduit or post-tension cables. Objects with too small an electrical contrast may produce no reflections at all and may be missed. Target objects buried below objects with contrasting properties that also produce reflections may be missed (e.g. USTs below roots, concrete pieces, pipes or rocks). If an object of interest like a UST is buried below the depth of penetration of the radar signal, it will be missed.

In addition to interpreting ambiguous data, radar has several limitations that cannot be controlled by the operator. The radar signal is severely attenuated by electrically conductive material, including wet, clay-rich soil and reinforced concrete. The quality of the data is affected by the surface conditions over which the antenna is pulled. Ideally the antenna should rest firmly on a smooth surface. Rough terrain and tall grass reduce the quality of radar data.

It is the job of an experienced interpreter to examine the GPR profiles and deduce if reflections are from objects of interest. A GPR interpreter cannot see underground, but can only interpret reflections based on experience.

The only way to truly identify an object is to excavate.

Hand-held Metal detectors

Two small, non-recording metal detectors are used in our surveys.

Schonstedt Magnetic Gradiometer: This magnetometer has two magnetic sensors separated vertically by 10”. The magnetic field surrounding a ferrous object is strongest near the object and decreases rapidly as the distance increases. If the magnitude measured by the sensor located in the tip of the Schonstedt is very high, and the magnetic field measured by the sensor located farther up the shaft of the Schonstedt is low, there is a large vertical magnetic gradient and the instrument responds with a loud whistle indicating the object is near the surface. If there is a small difference in the magnitudes measured by the two sensors, the object is deeper. The instrument responds with a softer tone. A discussion of this instrument is available at Schonstedt.com.

Aqua-Tronics A-6 Tracer: The Aqua-Tronics A-6 Tracer uses a different method of detecting metallic objects. This instrument measures the electrical conductivity of a metal object. It is capable of detecting any electrically conductive metal, including non-ferrous aluminum and brass. The Tracer is capable of detecting three-dimensional objects as well as pipes.

The Tracer consists of a transmitter coil and a receiver coil. In the absence of any electrically conductive material in the vicinity of the Tracer, the electromagnetic field around each coil is balanced.

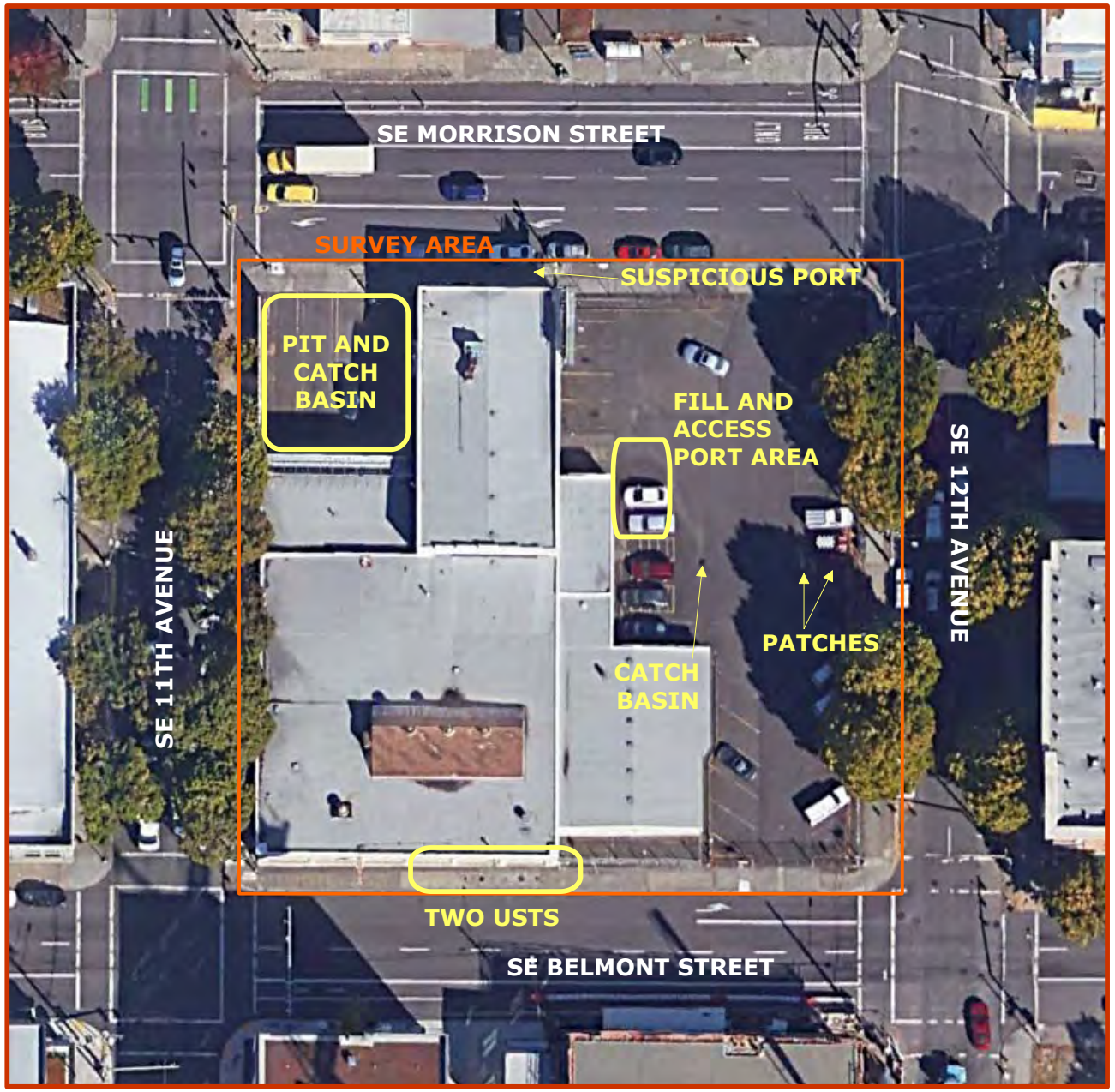
Basically the electromagnetic field produced by the transmitter induces an electric current into the area surrounding the instrument. Nearby conductive objects distort the EM field. The balance between the two coils is disturbed and the instrument produces an audible tone and meter indication.

Radio Detection RD8000 PDL pipe and cable detector: This instrument may be used to detect buried, conductive pipes and utilities. It consists of a transmitter and a receiver and can be used in two configurations.

The transmitter may be used to directly apply a small electrical current to exposed, electrically conductive pipes and utilities. The RD receiver is then able to “trace” the underground portion of the pipe or utility, under some conditions for several hundred feet. The transmitter can also induce an electrical current into buried pipes and utilities where direct contact is not available.

The receiver can also be used alone. It has the capability to locate pipes and utilities by detecting the very small electrical currents induced into the features by nearby AM/FM radio stations.

The receiver also has an AC power function that may be used to detect underground power lines.



PACIFIC GEOPHYSICS
Applied Geophysics

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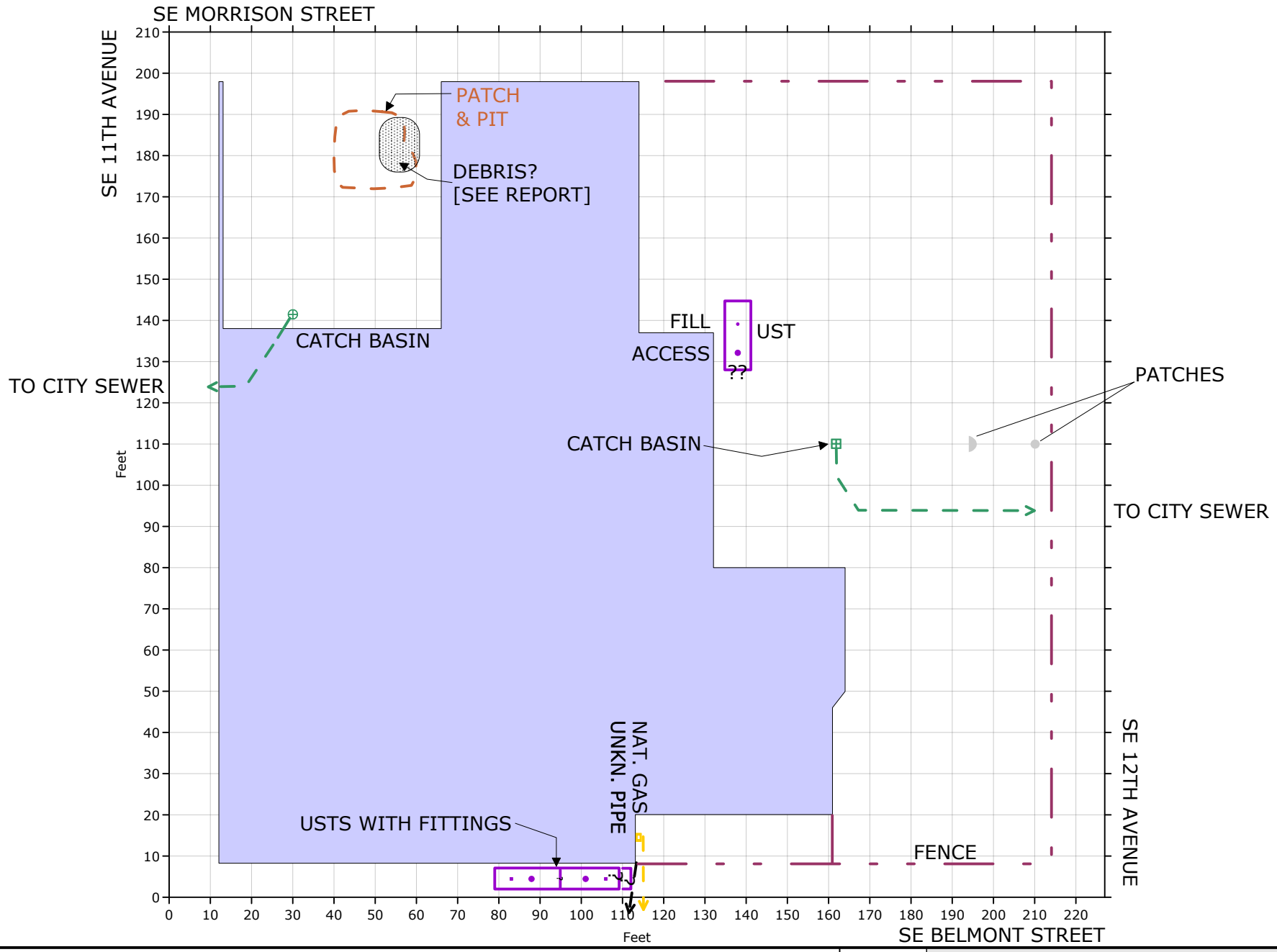
FIGURE	Survey Site and Areas	
1	Project: 190415	City Block Survey SE Morrison Str. and SE 11th Ave. Portland, Oregon
	Drawn by : NT	Prepared for: GeoDesign, Inc.
		Base Photo from Google Earth Pro



PACIFIC GEOPHYSICS
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FIGURE	Site Diagram	
2	Project: 190415	City Block Survey SE Morrison Str. and SE 11th Ave. Portland, Oregon
	Drawn by : NT	Prepared for: GeoDesign, Inc.
		Survey Date: May 4, 2019

APPENDIX C

APPENDIX C

CHEMICAL ANALYTICAL PROGRAM

GENERAL

Standard chain-of-custody procedures were followed during handling and transport of the soil, groundwater, and soil gas and sub-slab vapor samples to the analytical laboratory. The laboratory holds the samples in cold storage pending extraction and/or analysis. The analytical results, analytical methods reference, and laboratory QC records are presented in this appendix. The analytical results also are summarized in the tables of this report.

REVIEW OF ANALYTICAL DATA

The analytical laboratories used for this project maintain an internal quality assurance programs consisting of a combination of the following:

Blanks: Blanks are laboratory-prepared water samples that are free of contaminants. The blanks are carried through the analysis procedure along with the field samples to document that contaminants were not introduced to the samples during sample handling and analysis.

Surrogate Recoveries: Surrogates are organic compounds that are similar in nature to the analytes of concern but are not normally found in nature. The surrogates are added to QC and field samples prior to analysis. The percent recovery of the surrogate is calculated to demonstrate acceptable method performance.

Duplicates: Duplicates are obtained by splitting a sample into two parts. The two separate parts are carried through the analyses. The analytical results are then compared by calculating the RPD between the samples.

MS/MSD Recoveries: An MS sample is a sample that has been split into a second portion. The MSD is obtained by further splitting the MS sample. A known concentration of the analyte of interest is added to the MS and MSD samples. The analytical results for both samples are then compared for RPD and percent recovery to demonstrate acceptable method performance.

BS/BSD Recoveries: BS and BSD samples are obtained and analyzed in the same procedure as the MS/MSD samples; however, the laboratory blank sample is used to obtain the BS/BSD samples. The percent recovery and RPD of the known concentration of analyte of interest added to the BS/BSD sample is calculated after chemical analyses to demonstrate acceptable method performance.

SUMMARY OF ANALYTICAL DATA REVIEW

GeoDesign reviewed the attached analytical data reports for data quality exceptions and deviations from acceptable method performance criteria. Based on our review of the analytical reports, the analytical data appear acceptable for their intended use.

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
EPA ID: OR01039

Tuesday, June 4, 2019

Kyle Sattler
GeoDesign, Inc.
9450 SW Commerce Circle
Wilsonville, OR 97070

RE: A9E0401 - Modera Morrison - Millcreek-19-01-02

Thank you for using Apex Laboratories. We greatly appreciate your business and strive to provide the highest quality services to the environmental industry.

Enclosed are the results of analyses for work order A9E0401, which was received by the laboratory on 5/13/2019 at 3:23:00PM.

If you have any questions concerning this report or the services we offer, please feel free to contact me by email at: pnerenberg@apex-labs.com, or by phone at 503-718-2323.

Please note: All samples will be disposed of within 30 days of final reporting, unless prior arrangements have been made.

Cooler Receipt Information

(See Cooler Receipt Form for details)

Cooler #1	3.1 degC	Cooler #2	5.4 degC
Cooler #3	1.8 degC		

This Final Report is the official version of the data results for this sample submission, unless superseded by a subsequent, labeled amended report.
All other deliverables derived from this data, including Electronic Data Deliverables (EDDs), CLP-like forms, client requested summary sheets, and all other products are considered secondary to this report.

Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Philip Nerenberg, Lab Director

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
DP-1(0.5-1.5)	A9E0401-01	Soil	05/11/19 16:09	05/13/19 15:23
DP-1(11.5-12.5)	A9E0401-03	Soil	05/11/19 16:20	05/13/19 15:23
DP-2(1-2)	A9E0401-04	Soil	05/11/19 10:42	05/13/19 15:23
DP-2(12-13)	A9E0401-06	Soil	05/11/19 11:16	05/13/19 15:23
DP-3(1-2)	A9E0401-07	Soil	05/11/19 13:11	05/13/19 15:23
DP-3(12-13)	A9E0401-09	Soil	05/11/19 13:28	05/13/19 15:23
DP-4(0.5-1.5)	A9E0401-10	Soil	05/11/19 14:44	05/13/19 15:23
DP-4(8-9)	A9E0401-11	Soil	05/11/19 14:49	05/13/19 15:23
DP-4(11.5-12.5)	A9E0401-12	Soil	05/11/19 14:57	05/13/19 15:23
DP-5(1-2)	A9E0401-16	Soil	05/11/19 11:48	05/13/19 15:23
DP-5(8.5-9.5)	A9E0401-17	Soil	05/11/19 11:56	05/13/19 15:23
DP-5(13-14)	A9E0401-18	Soil	05/11/19 12:08	05/13/19 15:23
DP-6(1-2)	A9E0401-19	Soil	05/11/19 12:21	05/13/19 15:23
DP-6(8-9)	A9E0401-20	Soil	05/11/19 12:29	05/13/19 15:23
DP-6(12.5-13.5)	A9E0401-21	Soil	05/11/19 12:34	05/13/19 15:23
DP-7(1-2)	A9E0401-22	Soil	05/11/19 09:17	05/13/19 15:23
DP-7(6.5-7.5)	A9E0401-23	Soil	05/11/19 09:24	05/13/19 15:23
DP-7(11.5-12.5)	A9E0401-24	Soil	05/11/19 08:56	05/13/19 15:23
DP-8(1.5-2.5)	A9E0401-25	Soil	05/11/19 08:24	05/13/19 15:23
DP-8(8-9)	A9E0401-26	Soil	05/11/19 08:49	05/13/19 15:23
DP-8(11.5-12.5)	A9E0401-27	Soil	05/11/19 08:56	05/13/19 15:23
DP-9(1-2)	A9E0401-28	Soil	05/11/19 09:57	05/13/19 15:23
DP-9(8-9)	A9E0401-29	Soil	05/11/19 10:03	05/13/19 15:23
DP-10(2-3)	A9E0401-31	Soil	05/11/19 10:48	05/13/19 15:23
DP-10(13-14)	A9E0401-33	Soil	05/11/19 11:00	05/13/19 15:23
DP-11(3-4)	A9E0401-34	Soil	05/11/19 11:30	05/13/19 15:23
DP-11(10-11)	A9E0401-36	Soil	05/11/19 11:45	05/13/19 15:23
DP-11(18-19)	A9E0401-37	Soil	05/11/19 12:00	05/13/19 15:23
DP-12(1-12)	A9E0401-38	Soil	05/11/19 12:30	05/13/19 15:23
DP-12(12-13)	A9E0401-40	Soil	05/11/19 12:50	05/13/19 15:23
DP-12(16-17)	A9E0401-41	Soil	05/11/19 13:00	05/13/19 15:23
DP-13(4-5)	A9E0401-42	Soil	05/11/19 14:15	05/13/19 15:23
DP-13(9-10)	A9E0401-44	Soil	05/11/19 15:05	05/13/19 15:23

Apex Laboratories

Philip Nerenberg, Lab Director

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Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
DP-14(2-3)	A9E0401-46	Soil	05/11/19 15:45	05/13/19 15:23
DP-14(11-12)	A9E0401-48	Soil	05/11/19 16:10	05/13/19 15:23
DP-15(4-5)	A9E0401-49	Soil	05/11/19 16:30	05/13/19 15:23
DP-16(2-3)	A9E0401-52	Soil	05/11/19 17:05	05/13/19 15:23

Apex Laboratories

Philip Nerenberg

Philip Nerenberg, Lab Director

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Hydrocarbon Identification Screen by NWTPH-HCID

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-5(8.5-9.5) (A9E0401-17)				**Matrix: Soil**			**Batch: 9050923**	
Gasoline Range Organics	ND	---	23.9	mg/kg dry	1	05/16/19	NWTPH-HCID	
Diesel Range Organics	ND	---	59.7	mg/kg dry	1	05/16/19	NWTPH-HCID	
Oil Range Organics	ND	---	119	mg/kg dry	1	05/16/19	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*102 %*	*Limits: 50-150 %*	*1*	*05/16/19*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*98 %*	*50-150 %*	*1*	*05/16/19*	*NWTPH-HCID*	
DP-5(13-14) (A9E0401-18)				**Matrix: Soil**			**Batch: 9050923**	
Gasoline Range Organics	ND	---	22.0	mg/kg dry	1	05/16/19	NWTPH-HCID	
Diesel Range Organics	ND	---	55.0	mg/kg dry	1	05/16/19	NWTPH-HCID	
Oil Range Organics	ND	---	110	mg/kg dry	1	05/16/19	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*115 %*	*Limits: 50-150 %*	*1*	*05/16/19*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*112 %*	*50-150 %*	*1*	*05/16/19*	*NWTPH-HCID*	
DP-6(8-9) (A9E0401-20)				**Matrix: Soil**			**Batch: 9050923**	
Gasoline Range Organics	ND	---	25.0	mg/kg dry	1	05/16/19	NWTPH-HCID	
Diesel Range Organics	ND	---	62.6	mg/kg dry	1	05/16/19	NWTPH-HCID	
Oil Range Organics	ND	---	125	mg/kg dry	1	05/16/19	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*100 %*	*Limits: 50-150 %*	*1*	*05/16/19*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*96 %*	*50-150 %*	*1*	*05/16/19*	*NWTPH-HCID*	
DP-6(12.5-13.5) (A9E0401-21)				**Matrix: Soil**			**Batch: 9050923**	
Gasoline Range Organics	ND	---	25.0	mg/kg dry	1	05/16/19	NWTPH-HCID	
Diesel Range Organics	ND	---	62.6	mg/kg dry	1	05/16/19	NWTPH-HCID	
Oil Range Organics	ND	---	125	mg/kg dry	1	05/16/19	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*98 %*	*Limits: 50-150 %*	*1*	*05/16/19*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*92 %*	*50-150 %*	*1*	*05/16/19*	*NWTPH-HCID*	
DP-7(6.5-7.5) (A9E0401-23)				**Matrix: Soil**			**Batch: 9050923**	
Gasoline Range Organics	ND	---	18.4	mg/kg dry	1	05/16/19	NWTPH-HCID	
Diesel Range Organics	ND	---	46.1	mg/kg dry	1	05/16/19	NWTPH-HCID	
Oil Range Organics	ND	---	92.2	mg/kg dry	1	05/16/19	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*114 %*	*Limits: 50-150 %*	*1*	*05/16/19*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*108 %*	*50-150 %*	*1*	*05/16/19*	*NWTPH-HCID*	

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Philip Nerenberg, Lab Director

Apex Laboratories, LLC

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GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Hydrocarbon Identification Screen by NWTPH-HCID

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-7(11.5-12.5) (A9E0401-24)				**Matrix: Soil**			**Batch: 9050923**	
Gasoline Range Organics	ND	---	21.9	mg/kg dry	1	05/16/19	NWTPH-HCID	
Diesel Range Organics	ND	---	54.8	mg/kg dry	1	05/16/19	NWTPH-HCID	
Oil Range Organics	ND	---	110	mg/kg dry	1	05/16/19	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*115 %*	*Limits: 50-150 %*	*1*	*05/16/19*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*110 %*	*50-150 %*	*1*	*05/16/19*	*NWTPH-HCID*	
DP-11(10-11) (A9E0401-36)				**Matrix: Soil**			**Batch: 9050923**	
Gasoline Range Organics	ND	---	22.2	mg/kg dry	1	05/16/19	NWTPH-HCID	
Diesel Range Organics	ND	---	55.4	mg/kg dry	1	05/16/19	NWTPH-HCID	
Oil Range Organics	ND	---	111	mg/kg dry	1	05/16/19	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*105 %*	*Limits: 50-150 %*	*1*	*05/16/19*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*100 %*	*50-150 %*	*1*	*05/16/19*	*NWTPH-HCID*	
DP-11(18-19) (A9E0401-37)				**Matrix: Soil**			**Batch: 9050923**	
Gasoline Range Organics	ND	---	21.6	mg/kg dry	1	05/16/19	NWTPH-HCID	
Diesel Range Organics	ND	---	53.9	mg/kg dry	1	05/16/19	NWTPH-HCID	
Oil Range Organics	ND	---	108	mg/kg dry	1	05/16/19	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*107 %*	*Limits: 50-150 %*	*1*	*05/16/19*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*103 %*	*50-150 %*	*1*	*05/16/19*	*NWTPH-HCID*	
DP-12(12-13) (A9E0401-40)				**Matrix: Soil**			**Batch: 9050923**	
Gasoline Range Organics	ND	---	21.9	mg/kg dry	1	05/16/19	NWTPH-HCID	
Diesel Range Organics	ND	---	54.7	mg/kg dry	1	05/16/19	NWTPH-HCID	
Oil Range Organics	ND	---	109	mg/kg dry	1	05/16/19	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*109 %*	*Limits: 50-150 %*	*1*	*05/16/19*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*100 %*	*50-150 %*	*1*	*05/16/19*	*NWTPH-HCID*	
DP-12(16-17) (A9E0401-41)				**Matrix: Soil**			**Batch: 9050923**	
Gasoline Range Organics	ND	---	21.1	mg/kg dry	1	05/16/19	NWTPH-HCID	
Diesel Range Organics	ND	---	52.7	mg/kg dry	1	05/16/19	NWTPH-HCID	
Oil Range Organics	ND	---	105	mg/kg dry	1	05/16/19	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*103 %*	*Limits: 50-150 %*	*1*	*05/16/19*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*98 %*	*50-150 %*	*1*	*05/16/19*	*NWTPH-HCID*	

Apex Laboratories

Philip Nerenberg, Lab Director

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Apex Laboratories, LLC

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GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-1(0.5-1.5) (A9E0401-01)				**Matrix: Soil**			**Batch: 9050878**	
Acetone	ND	---	1.38	mg/kg dry	50	05/14/19	5035A/8260C	
Acrylonitrile	ND	---	0.138	mg/kg dry	50	05/14/19	5035A/8260C	
Benzene	ND	---	0.0138	mg/kg dry	50	05/14/19	5035A/8260C	
Bromobenzene	ND	---	0.0346	mg/kg dry	50	05/14/19	5035A/8260C	
Bromochloromethane	ND	---	0.0692	mg/kg dry	50	05/14/19	5035A/8260C	
Bromodichloromethane	ND	---	0.138	mg/kg dry	50	05/14/19	5035A/8260C	
Bromoform	ND	---	0.277	mg/kg dry	50	05/14/19	5035A/8260C	
Bromomethane	ND	---	0.692	mg/kg dry	50	05/14/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.692	mg/kg dry	50	05/14/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0692	mg/kg dry	50	05/14/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0692	mg/kg dry	50	05/14/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0692	mg/kg dry	50	05/14/19	5035A/8260C	
Carbon disulfide	ND	---	0.692	mg/kg dry	50	05/14/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.138	mg/kg dry	50	05/14/19	5035A/8260C	
Chlorobenzene	ND	---	0.0346	mg/kg dry	50	05/14/19	5035A/8260C	
Chloroethane	ND	---	0.692	mg/kg dry	50	05/14/19	5035A/8260C	
Chloroform	ND	---	0.0692	mg/kg dry	50	05/14/19	5035A/8260C	
Chloromethane	ND	---	0.346	mg/kg dry	50	05/14/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0692	mg/kg dry	50	05/14/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0692	mg/kg dry	50	05/14/19	5035A/8260C	
Dibromochloromethane	ND	---	0.138	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.346	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0692	mg/kg dry	50	05/14/19	5035A/8260C	
Dibromomethane	ND	---	0.0692	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0346	mg/kg dry	50	05/14/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0346	mg/kg dry	50	05/14/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0346	mg/kg dry	50	05/14/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.138	mg/kg dry	50	05/14/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0346	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0346	mg/kg dry	50	05/14/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0346	mg/kg dry	50	05/14/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0346	mg/kg dry	50	05/14/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0346	mg/kg dry	50	05/14/19	5035A/8260C	

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Philip Nerenberg, Lab Director

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-1(0.5-1.5) (A9E0401-01)				**Matrix: Soil**			**Batch: 9050878**	
1,2-Dichloropropane	ND	---	0.0346	mg/kg dry	50	05/14/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0692	mg/kg dry	50	05/14/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0692	mg/kg dry	50	05/14/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0692	mg/kg dry	50	05/14/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0692	mg/kg dry	50	05/14/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0692	mg/kg dry	50	05/14/19	5035A/8260C	
Ethylbenzene	ND	---	0.0346	mg/kg dry	50	05/14/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.138	mg/kg dry	50	05/14/19	5035A/8260C	
2-Hexanone	ND	---	0.692	mg/kg dry	50	05/14/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0692	mg/kg dry	50	05/14/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0692	mg/kg dry	50	05/14/19	5035A/8260C	
Methylene chloride	ND	---	0.346	mg/kg dry	50	05/14/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.692	mg/kg dry	50	05/14/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0692	mg/kg dry	50	05/14/19	5035A/8260C	
Naphthalene	ND	---	0.138	mg/kg dry	50	05/14/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0346	mg/kg dry	50	05/14/19	5035A/8260C	
Styrene	ND	---	0.0692	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.138	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0692	mg/kg dry	50	05/14/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0346	mg/kg dry	50	05/14/19	5035A/8260C	
Toluene	ND	---	0.0692	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.346	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.346	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0346	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0346	mg/kg dry	50	05/14/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0346	mg/kg dry	50	05/14/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.138	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0692	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0692	mg/kg dry	50	05/14/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0692	mg/kg dry	50	05/14/19	5035A/8260C	
Vinyl chloride	ND	---	0.0346	mg/kg dry	50	05/14/19	5035A/8260C	
m,p-Xylene	ND	---	0.0692	mg/kg dry	50	05/14/19	5035A/8260C	
o-Xylene	ND	---	0.0346	mg/kg dry	50	05/14/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-1(0.5-1.5) (A9E0401-01)				**Matrix: Soil**			**Batch: 9050878**	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*100 %*	*Limits: 80-120 %*	*1*	*05/14/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*101 %*	*80-120 %*	*1*	*05/14/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*104 %*	*80-120 %*	*1*	*05/14/19*	*5035A/8260C*	
DP-1(11.5-12.5) (A9E0401-03)				**Matrix: Soil**			**Batch: 9050878**	
Acetone	ND	---	1.19	mg/kg dry	50	05/14/19	5035A/8260C	
Acrylonitrile	ND	---	0.119	mg/kg dry	50	05/14/19	5035A/8260C	
Benzene	ND	---	0.0119	mg/kg dry	50	05/14/19	5035A/8260C	
Bromobenzene	ND	---	0.0297	mg/kg dry	50	05/14/19	5035A/8260C	
Bromochloromethane	ND	---	0.0593	mg/kg dry	50	05/14/19	5035A/8260C	
Bromodichloromethane	ND	---	0.119	mg/kg dry	50	05/14/19	5035A/8260C	
Bromoform	ND	---	0.237	mg/kg dry	50	05/14/19	5035A/8260C	
Bromomethane	ND	---	0.593	mg/kg dry	50	05/14/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.593	mg/kg dry	50	05/14/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0593	mg/kg dry	50	05/14/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0593	mg/kg dry	50	05/14/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0593	mg/kg dry	50	05/14/19	5035A/8260C	
Carbon disulfide	ND	---	0.593	mg/kg dry	50	05/14/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.119	mg/kg dry	50	05/14/19	5035A/8260C	
Chlorobenzene	ND	---	0.0297	mg/kg dry	50	05/14/19	5035A/8260C	
Chloroethane	ND	---	0.593	mg/kg dry	50	05/14/19	5035A/8260C	
Chloroform	ND	---	0.0593	mg/kg dry	50	05/14/19	5035A/8260C	
Chloromethane	ND	---	0.297	mg/kg dry	50	05/14/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0593	mg/kg dry	50	05/14/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0593	mg/kg dry	50	05/14/19	5035A/8260C	
Dibromochloromethane	ND	---	0.119	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.297	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0593	mg/kg dry	50	05/14/19	5035A/8260C	
Dibromomethane	ND	---	0.0593	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0297	mg/kg dry	50	05/14/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0297	mg/kg dry	50	05/14/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0297	mg/kg dry	50	05/14/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.119	mg/kg dry	50	05/14/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0297	mg/kg dry	50	05/14/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-1(11.5-12.5) (A9E0401-03)				**Matrix: Soil**			**Batch: 9050878**	
1,2-Dichloroethane (EDC)	ND	---	0.0297	mg/kg dry	50	05/14/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0297	mg/kg dry	50	05/14/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0297	mg/kg dry	50	05/14/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0297	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0297	mg/kg dry	50	05/14/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0593	mg/kg dry	50	05/14/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0593	mg/kg dry	50	05/14/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0593	mg/kg dry	50	05/14/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0593	mg/kg dry	50	05/14/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0593	mg/kg dry	50	05/14/19	5035A/8260C	
Ethylbenzene	ND	---	0.0297	mg/kg dry	50	05/14/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.119	mg/kg dry	50	05/14/19	5035A/8260C	
2-Hexanone	ND	---	0.593	mg/kg dry	50	05/14/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0593	mg/kg dry	50	05/14/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0593	mg/kg dry	50	05/14/19	5035A/8260C	
Methylene chloride	ND	---	0.297	mg/kg dry	50	05/14/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.593	mg/kg dry	50	05/14/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0593	mg/kg dry	50	05/14/19	5035A/8260C	
Naphthalene	ND	---	0.119	mg/kg dry	50	05/14/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0297	mg/kg dry	50	05/14/19	5035A/8260C	
Styrene	ND	---	0.0593	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.119	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0593	mg/kg dry	50	05/14/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0297	mg/kg dry	50	05/14/19	5035A/8260C	
Toluene	ND	---	0.0593	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.297	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.297	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0297	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0297	mg/kg dry	50	05/14/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0297	mg/kg dry	50	05/14/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.119	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0593	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0593	mg/kg dry	50	05/14/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-1(11.5-12.5) (A9E0401-03)				**Matrix: Soil**			**Batch: 9050878**	
1,3,5-Trimethylbenzene	ND	---	0.0593	mg/kg dry	50	05/14/19	5035A/8260C	
Vinyl chloride	ND	---	0.0297	mg/kg dry	50	05/14/19	5035A/8260C	
m,p-Xylene	ND	---	0.0593	mg/kg dry	50	05/14/19	5035A/8260C	
o-Xylene	ND	---	0.0297	mg/kg dry	50	05/14/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*103 %*	*Limits: 80-120 %*	*1*	*05/14/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*93 %*	*80-120 %*	*1*	*05/14/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*111 %*	*80-120 %*	*1*	*05/14/19*	*5035A/8260C*	
DP-2(1-2) (A9E0401-04)				**Matrix: Soil**			**Batch: 9050878**	
Acetone	ND	---	1.30	mg/kg dry	50	05/14/19	5035A/8260C	
Acrylonitrile	ND	---	0.130	mg/kg dry	50	05/14/19	5035A/8260C	
Benzene	ND	---	0.0130	mg/kg dry	50	05/14/19	5035A/8260C	
Bromobenzene	ND	---	0.0326	mg/kg dry	50	05/14/19	5035A/8260C	
Bromochloromethane	ND	---	0.0652	mg/kg dry	50	05/14/19	5035A/8260C	
Bromodichloromethane	ND	---	0.130	mg/kg dry	50	05/14/19	5035A/8260C	
Bromoform	ND	---	0.261	mg/kg dry	50	05/14/19	5035A/8260C	
Bromomethane	ND	---	0.652	mg/kg dry	50	05/14/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.652	mg/kg dry	50	05/14/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0652	mg/kg dry	50	05/14/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0652	mg/kg dry	50	05/14/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0652	mg/kg dry	50	05/14/19	5035A/8260C	
Carbon disulfide	ND	---	0.652	mg/kg dry	50	05/14/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.130	mg/kg dry	50	05/14/19	5035A/8260C	
Chlorobenzene	ND	---	0.0326	mg/kg dry	50	05/14/19	5035A/8260C	
Chloroethane	ND	---	0.652	mg/kg dry	50	05/14/19	5035A/8260C	
Chloroform	ND	---	0.0652	mg/kg dry	50	05/14/19	5035A/8260C	
Chloromethane	ND	---	0.326	mg/kg dry	50	05/14/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0652	mg/kg dry	50	05/14/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0652	mg/kg dry	50	05/14/19	5035A/8260C	
Dibromochloromethane	ND	---	0.130	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.326	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0652	mg/kg dry	50	05/14/19	5035A/8260C	
Dibromomethane	ND	---	0.0652	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0326	mg/kg dry	50	05/14/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-2(1-2) (A9E0401-04)				**Matrix: Soil**			**Batch: 9050878**	
1,3-Dichlorobenzene	ND	---	0.0326	mg/kg dry	50	05/14/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0326	mg/kg dry	50	05/14/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.130	mg/kg dry	50	05/14/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0326	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0326	mg/kg dry	50	05/14/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0326	mg/kg dry	50	05/14/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0326	mg/kg dry	50	05/14/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0326	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0326	mg/kg dry	50	05/14/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0652	mg/kg dry	50	05/14/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0652	mg/kg dry	50	05/14/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0652	mg/kg dry	50	05/14/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0652	mg/kg dry	50	05/14/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0652	mg/kg dry	50	05/14/19	5035A/8260C	
Ethylbenzene	ND	---	0.0326	mg/kg dry	50	05/14/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.130	mg/kg dry	50	05/14/19	5035A/8260C	
2-Hexanone	ND	---	0.652	mg/kg dry	50	05/14/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0652	mg/kg dry	50	05/14/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0652	mg/kg dry	50	05/14/19	5035A/8260C	
Methylene chloride	ND	---	0.326	mg/kg dry	50	05/14/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.652	mg/kg dry	50	05/14/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0652	mg/kg dry	50	05/14/19	5035A/8260C	
Naphthalene	ND	---	0.130	mg/kg dry	50	05/14/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0326	mg/kg dry	50	05/14/19	5035A/8260C	
Styrene	ND	---	0.0652	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.130	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0652	mg/kg dry	50	05/14/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0326	mg/kg dry	50	05/14/19	5035A/8260C	
Toluene	ND	---	0.0652	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.326	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.326	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0326	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0326	mg/kg dry	50	05/14/19	5035A/8260C	

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Philip Nerenberg, Lab Director

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-2(1-2) (A9E0401-04)				**Matrix: Soil**			**Batch: 9050878**	
Trichloroethene (TCE)	ND	---	0.0326	mg/kg dry	50	05/14/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.130	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0652	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0652	mg/kg dry	50	05/14/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0652	mg/kg dry	50	05/14/19	5035A/8260C	
Vinyl chloride	ND	---	0.0326	mg/kg dry	50	05/14/19	5035A/8260C	
m,p-Xylene	ND	---	0.0652	mg/kg dry	50	05/14/19	5035A/8260C	
o-Xylene	ND	---	0.0326	mg/kg dry	50	05/14/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*99 %*	*Limits: 80-120 %*	*1*	*05/14/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*97 %*	*80-120 %*	*1*	*05/14/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*105 %*	*80-120 %*	*1*	*05/14/19*	*5035A/8260C*	
DP-2(12-13) (A9E0401-06)				**Matrix: Soil**			**Batch: 9050878**	
Acetone	ND	---	1.37	mg/kg dry	50	05/14/19	5035A/8260C	
Acrylonitrile	ND	---	0.137	mg/kg dry	50	05/14/19	5035A/8260C	
Benzene	ND	---	0.0137	mg/kg dry	50	05/14/19	5035A/8260C	
Bromobenzene	ND	---	0.0342	mg/kg dry	50	05/14/19	5035A/8260C	
Bromochloromethane	ND	---	0.0683	mg/kg dry	50	05/14/19	5035A/8260C	
Bromodichloromethane	ND	---	0.137	mg/kg dry	50	05/14/19	5035A/8260C	
Bromoform	ND	---	0.273	mg/kg dry	50	05/14/19	5035A/8260C	
Bromomethane	ND	---	0.683	mg/kg dry	50	05/14/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.683	mg/kg dry	50	05/14/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0683	mg/kg dry	50	05/14/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0683	mg/kg dry	50	05/14/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0683	mg/kg dry	50	05/14/19	5035A/8260C	
Carbon disulfide	ND	---	0.683	mg/kg dry	50	05/14/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.137	mg/kg dry	50	05/14/19	5035A/8260C	
Chlorobenzene	ND	---	0.0342	mg/kg dry	50	05/14/19	5035A/8260C	
Chloroethane	ND	---	0.683	mg/kg dry	50	05/14/19	5035A/8260C	
Chloroform	ND	---	0.0683	mg/kg dry	50	05/14/19	5035A/8260C	
Chloromethane	ND	---	0.342	mg/kg dry	50	05/14/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0683	mg/kg dry	50	05/14/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0683	mg/kg dry	50	05/14/19	5035A/8260C	
Dibromochloromethane	ND	---	0.137	mg/kg dry	50	05/14/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-2(12-13) (A9E0401-06)				**Matrix: Soil**			**Batch: 9050878**	
1,2-Dibromo-3-chloropropane	ND	---	0.342	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0683	mg/kg dry	50	05/14/19	5035A/8260C	
Dibromomethane	ND	---	0.0683	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0342	mg/kg dry	50	05/14/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0342	mg/kg dry	50	05/14/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0342	mg/kg dry	50	05/14/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.137	mg/kg dry	50	05/14/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0342	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0342	mg/kg dry	50	05/14/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0342	mg/kg dry	50	05/14/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0342	mg/kg dry	50	05/14/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0342	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0342	mg/kg dry	50	05/14/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0683	mg/kg dry	50	05/14/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0683	mg/kg dry	50	05/14/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0683	mg/kg dry	50	05/14/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0683	mg/kg dry	50	05/14/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0683	mg/kg dry	50	05/14/19	5035A/8260C	
Ethylbenzene	ND	---	0.0342	mg/kg dry	50	05/14/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.137	mg/kg dry	50	05/14/19	5035A/8260C	
2-Hexanone	ND	---	0.683	mg/kg dry	50	05/14/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0683	mg/kg dry	50	05/14/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0683	mg/kg dry	50	05/14/19	5035A/8260C	
Methylene chloride	ND	---	0.342	mg/kg dry	50	05/14/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.683	mg/kg dry	50	05/14/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0683	mg/kg dry	50	05/14/19	5035A/8260C	
Naphthalene	ND	---	0.137	mg/kg dry	50	05/14/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0342	mg/kg dry	50	05/14/19	5035A/8260C	
Styrene	ND	---	0.0683	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.137	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0683	mg/kg dry	50	05/14/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0342	mg/kg dry	50	05/14/19	5035A/8260C	
Toluene	ND	---	0.0683	mg/kg dry	50	05/14/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-2(12-13) (A9E0401-06)				**Matrix: Soil**			**Batch: 9050878**	
1,2,3-Trichlorobenzene	ND	---	0.342	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.342	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0342	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0342	mg/kg dry	50	05/14/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0342	mg/kg dry	50	05/14/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.137	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0683	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0683	mg/kg dry	50	05/14/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0683	mg/kg dry	50	05/14/19	5035A/8260C	
Vinyl chloride	ND	---	0.0342	mg/kg dry	50	05/14/19	5035A/8260C	
m,p-Xylene	ND	---	0.0683	mg/kg dry	50	05/14/19	5035A/8260C	
o-Xylene	ND	---	0.0342	mg/kg dry	50	05/14/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*102 %*	*Limits: 80-120 %*	*1*	*05/14/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*96 %*	*80-120 %*	*1*	*05/14/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*104 %*	*80-120 %*	*1*	*05/14/19*	*5035A/8260C*	
DP-3(1-2) (A9E0401-07)				**Matrix: Soil**			**Batch: 9050878**	
Acetone	ND	---	1.24	mg/kg dry	50	05/14/19	5035A/8260C	
Acrylonitrile	ND	---	0.124	mg/kg dry	50	05/14/19	5035A/8260C	
Benzene	ND	---	0.0124	mg/kg dry	50	05/14/19	5035A/8260C	
Bromobenzene	ND	---	0.0309	mg/kg dry	50	05/14/19	5035A/8260C	
Bromochloromethane	ND	---	0.0619	mg/kg dry	50	05/14/19	5035A/8260C	
Bromodichloromethane	ND	---	0.124	mg/kg dry	50	05/14/19	5035A/8260C	
Bromoform	ND	---	0.248	mg/kg dry	50	05/14/19	5035A/8260C	
Bromomethane	ND	---	0.619	mg/kg dry	50	05/14/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.619	mg/kg dry	50	05/14/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0619	mg/kg dry	50	05/14/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0619	mg/kg dry	50	05/14/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0619	mg/kg dry	50	05/14/19	5035A/8260C	
Carbon disulfide	ND	---	0.619	mg/kg dry	50	05/14/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.124	mg/kg dry	50	05/14/19	5035A/8260C	
Chlorobenzene	ND	---	0.0309	mg/kg dry	50	05/14/19	5035A/8260C	
Chloroethane	ND	---	0.619	mg/kg dry	50	05/14/19	5035A/8260C	
Chloroform	ND	---	0.0619	mg/kg dry	50	05/14/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-3(1-2) (A9E0401-07)				**Matrix: Soil**			**Batch: 9050878**	
Chloromethane	ND	---	0.309	mg/kg dry	50	05/14/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0619	mg/kg dry	50	05/14/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0619	mg/kg dry	50	05/14/19	5035A/8260C	
Dibromochloromethane	ND	---	0.124	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.309	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0619	mg/kg dry	50	05/14/19	5035A/8260C	
Dibromomethane	ND	---	0.0619	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0309	mg/kg dry	50	05/14/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0309	mg/kg dry	50	05/14/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0309	mg/kg dry	50	05/14/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.124	mg/kg dry	50	05/14/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0309	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0309	mg/kg dry	50	05/14/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0309	mg/kg dry	50	05/14/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0309	mg/kg dry	50	05/14/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0309	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0309	mg/kg dry	50	05/14/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0619	mg/kg dry	50	05/14/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0619	mg/kg dry	50	05/14/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0619	mg/kg dry	50	05/14/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0619	mg/kg dry	50	05/14/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0619	mg/kg dry	50	05/14/19	5035A/8260C	
Ethylbenzene	ND	---	0.0309	mg/kg dry	50	05/14/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.124	mg/kg dry	50	05/14/19	5035A/8260C	
2-Hexanone	ND	---	0.619	mg/kg dry	50	05/14/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0619	mg/kg dry	50	05/14/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0619	mg/kg dry	50	05/14/19	5035A/8260C	
Methylene chloride	ND	---	0.309	mg/kg dry	50	05/14/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.619	mg/kg dry	50	05/14/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0619	mg/kg dry	50	05/14/19	5035A/8260C	
Naphthalene	ND	---	0.124	mg/kg dry	50	05/14/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0309	mg/kg dry	50	05/14/19	5035A/8260C	
Styrene	ND	---	0.0619	mg/kg dry	50	05/14/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-3(1-2) (A9E0401-07)				**Matrix: Soil**			**Batch: 9050878**	
1,1,1,2-Tetrachloroethane	ND	---	0.124	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0619	mg/kg dry	50	05/14/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0309	mg/kg dry	50	05/14/19	5035A/8260C	
Toluene	ND	---	0.0619	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.309	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.309	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0309	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0309	mg/kg dry	50	05/14/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0309	mg/kg dry	50	05/14/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.124	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0619	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0619	mg/kg dry	50	05/14/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0619	mg/kg dry	50	05/14/19	5035A/8260C	
Vinyl chloride	ND	---	0.0309	mg/kg dry	50	05/14/19	5035A/8260C	
m,p-Xylene	ND	---	0.0619	mg/kg dry	50	05/14/19	5035A/8260C	
o-Xylene	ND	---	0.0309	mg/kg dry	50	05/14/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*100 %*	*Limits: 80-120 %*	*1*	*05/14/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*98 %*	*80-120 %*	*1*	*05/14/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*105 %*	*80-120 %*	*1*	*05/14/19*	*5035A/8260C*	
DP-3(12-13) (A9E0401-09)				**Matrix: Soil**			**Batch: 9050878**	
Acetone	ND	---	1.71	mg/kg dry	50	05/14/19	5035A/8260C	
Acrylonitrile	ND	---	0.171	mg/kg dry	50	05/14/19	5035A/8260C	
Benzene	ND	---	0.0171	mg/kg dry	50	05/14/19	5035A/8260C	
Bromobenzene	ND	---	0.0427	mg/kg dry	50	05/14/19	5035A/8260C	
Bromochloromethane	ND	---	0.0854	mg/kg dry	50	05/14/19	5035A/8260C	
Bromodichloromethane	ND	---	0.171	mg/kg dry	50	05/14/19	5035A/8260C	
Bromoform	ND	---	0.342	mg/kg dry	50	05/14/19	5035A/8260C	
Bromomethane	ND	---	0.854	mg/kg dry	50	05/14/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.854	mg/kg dry	50	05/14/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0854	mg/kg dry	50	05/14/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0854	mg/kg dry	50	05/14/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0854	mg/kg dry	50	05/14/19	5035A/8260C	
Carbon disulfide	ND	---	0.854	mg/kg dry	50	05/14/19	5035A/8260C	

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Philip Nerenberg, Lab Director

Apex Laboratories, LLC

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503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-3(12-13) (A9E0401-09)				**Matrix: Soil**			**Batch: 9050878**	
Carbon tetrachloride	ND	---	0.171	mg/kg dry	50	05/14/19	5035A/8260C	
Chlorobenzene	ND	---	0.0427	mg/kg dry	50	05/14/19	5035A/8260C	
Chloroethane	ND	---	0.854	mg/kg dry	50	05/14/19	5035A/8260C	
Chloroform	ND	---	0.0854	mg/kg dry	50	05/14/19	5035A/8260C	
Chloromethane	ND	---	0.427	mg/kg dry	50	05/14/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0854	mg/kg dry	50	05/14/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0854	mg/kg dry	50	05/14/19	5035A/8260C	
Dibromochloromethane	ND	---	0.171	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.427	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0854	mg/kg dry	50	05/14/19	5035A/8260C	
Dibromomethane	ND	---	0.0854	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0427	mg/kg dry	50	05/14/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0427	mg/kg dry	50	05/14/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0427	mg/kg dry	50	05/14/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.171	mg/kg dry	50	05/14/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0427	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0427	mg/kg dry	50	05/14/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0427	mg/kg dry	50	05/14/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0427	mg/kg dry	50	05/14/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0427	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0427	mg/kg dry	50	05/14/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0854	mg/kg dry	50	05/14/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0854	mg/kg dry	50	05/14/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0854	mg/kg dry	50	05/14/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0854	mg/kg dry	50	05/14/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0854	mg/kg dry	50	05/14/19	5035A/8260C	
Ethylbenzene	ND	---	0.0427	mg/kg dry	50	05/14/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.171	mg/kg dry	50	05/14/19	5035A/8260C	
2-Hexanone	ND	---	0.854	mg/kg dry	50	05/14/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0854	mg/kg dry	50	05/14/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0854	mg/kg dry	50	05/14/19	5035A/8260C	
Methylene chloride	ND	---	0.427	mg/kg dry	50	05/14/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.854	mg/kg dry	50	05/14/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-3(12-13) (A9E0401-09)				**Matrix: Soil**			**Batch: 9050878**	
Methyl tert-butyl ether (MTBE)	ND	---	0.0854	mg/kg dry	50	05/14/19	5035A/8260C	
Naphthalene	ND	---	0.171	mg/kg dry	50	05/14/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0427	mg/kg dry	50	05/14/19	5035A/8260C	
Styrene	ND	---	0.0854	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.171	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0854	mg/kg dry	50	05/14/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0427	mg/kg dry	50	05/14/19	5035A/8260C	
Toluene	ND	---	0.0854	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.427	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.427	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0427	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0427	mg/kg dry	50	05/14/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0427	mg/kg dry	50	05/14/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.171	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0854	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0854	mg/kg dry	50	05/14/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0854	mg/kg dry	50	05/14/19	5035A/8260C	
Vinyl chloride	ND	---	0.0427	mg/kg dry	50	05/14/19	5035A/8260C	
m,p-Xylene	ND	---	0.0854	mg/kg dry	50	05/14/19	5035A/8260C	
o-Xylene	ND	---	0.0427	mg/kg dry	50	05/14/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*99 %*	*Limits: 80-120 %*	*1*	*05/14/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*99 %*	*80-120 %*	*1*	*05/14/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*105 %*	*80-120 %*	*1*	*05/14/19*	*5035A/8260C*	
DP-4(0.5-1.5) (A9E0401-10)				**Matrix: Soil**			**Batch: 9050878**	
Acetone	ND	---	1.14	mg/kg dry	50	05/14/19	5035A/8260C	
Acrylonitrile	ND	---	0.114	mg/kg dry	50	05/14/19	5035A/8260C	
Benzene	ND	---	0.0114	mg/kg dry	50	05/14/19	5035A/8260C	
Bromobenzene	ND	---	0.0286	mg/kg dry	50	05/14/19	5035A/8260C	
Bromochloromethane	ND	---	0.0572	mg/kg dry	50	05/14/19	5035A/8260C	
Bromodichloromethane	ND	---	0.114	mg/kg dry	50	05/14/19	5035A/8260C	
Bromoform	ND	---	0.229	mg/kg dry	50	05/14/19	5035A/8260C	
Bromomethane	ND	---	0.572	mg/kg dry	50	05/14/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.572	mg/kg dry	50	05/14/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-4(0.5-1.5) (A9E0401-10)				**Matrix: Soil**			**Batch: 9050878**	
n-Butylbenzene	ND	---	0.0572	mg/kg dry	50	05/14/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0572	mg/kg dry	50	05/14/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0572	mg/kg dry	50	05/14/19	5035A/8260C	
Carbon disulfide	ND	---	0.572	mg/kg dry	50	05/14/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.114	mg/kg dry	50	05/14/19	5035A/8260C	
Chlorobenzene	ND	---	0.0286	mg/kg dry	50	05/14/19	5035A/8260C	
Chloroethane	ND	---	0.572	mg/kg dry	50	05/14/19	5035A/8260C	
Chloroform	ND	---	0.0572	mg/kg dry	50	05/14/19	5035A/8260C	
Chloromethane	ND	---	0.286	mg/kg dry	50	05/14/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0572	mg/kg dry	50	05/14/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0572	mg/kg dry	50	05/14/19	5035A/8260C	
Dibromochloromethane	ND	---	0.114	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.286	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0572	mg/kg dry	50	05/14/19	5035A/8260C	
Dibromomethane	ND	---	0.0572	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0286	mg/kg dry	50	05/14/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0286	mg/kg dry	50	05/14/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0286	mg/kg dry	50	05/14/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.114	mg/kg dry	50	05/14/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0286	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0286	mg/kg dry	50	05/14/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0286	mg/kg dry	50	05/14/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0286	mg/kg dry	50	05/14/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0286	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0286	mg/kg dry	50	05/14/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0572	mg/kg dry	50	05/14/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0572	mg/kg dry	50	05/14/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0572	mg/kg dry	50	05/14/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0572	mg/kg dry	50	05/14/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0572	mg/kg dry	50	05/14/19	5035A/8260C	
Ethylbenzene	ND	---	0.0286	mg/kg dry	50	05/14/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.114	mg/kg dry	50	05/14/19	5035A/8260C	
2-Hexanone	ND	---	0.572	mg/kg dry	50	05/14/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-4(0.5-1.5) (A9E0401-10)				**Matrix: Soil**			**Batch: 9050878**	
Isopropylbenzene	ND	---	0.0572	mg/kg dry	50	05/14/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0572	mg/kg dry	50	05/14/19	5035A/8260C	
Methylene chloride	ND	---	0.286	mg/kg dry	50	05/14/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.572	mg/kg dry	50	05/14/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0572	mg/kg dry	50	05/14/19	5035A/8260C	
Naphthalene	ND	---	0.114	mg/kg dry	50	05/14/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0286	mg/kg dry	50	05/14/19	5035A/8260C	
Styrene	ND	---	0.0572	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.114	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0572	mg/kg dry	50	05/14/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0286	mg/kg dry	50	05/14/19	5035A/8260C	
Toluene	ND	---	0.0572	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.286	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.286	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0286	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0286	mg/kg dry	50	05/14/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0286	mg/kg dry	50	05/14/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.114	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0572	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0572	mg/kg dry	50	05/14/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0572	mg/kg dry	50	05/14/19	5035A/8260C	
Vinyl chloride	ND	---	0.0286	mg/kg dry	50	05/14/19	5035A/8260C	
m,p-Xylene	ND	---	0.0572	mg/kg dry	50	05/14/19	5035A/8260C	
o-Xylene	ND	---	0.0286	mg/kg dry	50	05/14/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*100 %*	*Limits: 80-120 %*	*1*	*05/14/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*98 %*	*80-120 %*	*1*	*05/14/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*106 %*	*80-120 %*	*1*	*05/14/19*	*5035A/8260C*	
DP-4(8-9) (A9E0401-11)				**Matrix: Soil**			**Batch: 9050878**	
Acetone	ND	---	1.49	mg/kg dry	50	05/14/19	5035A/8260C	
Acrylonitrile	ND	---	0.149	mg/kg dry	50	05/14/19	5035A/8260C	
Benzene	ND	---	0.0149	mg/kg dry	50	05/14/19	5035A/8260C	
Bromobenzene	ND	---	0.0372	mg/kg dry	50	05/14/19	5035A/8260C	
Bromochloromethane	ND	---	0.0743	mg/kg dry	50	05/14/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-4(8-9) (A9E0401-11)				**Matrix: Soil**			**Batch: 9050878**	
Bromodichloromethane	ND	---	0.149	mg/kg dry	50	05/14/19	5035A/8260C	
Bromoform	ND	---	0.297	mg/kg dry	50	05/14/19	5035A/8260C	
Bromomethane	ND	---	0.743	mg/kg dry	50	05/14/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.743	mg/kg dry	50	05/14/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0743	mg/kg dry	50	05/14/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0743	mg/kg dry	50	05/14/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0743	mg/kg dry	50	05/14/19	5035A/8260C	
Carbon disulfide	ND	---	0.743	mg/kg dry	50	05/14/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.149	mg/kg dry	50	05/14/19	5035A/8260C	
Chlorobenzene	ND	---	0.0372	mg/kg dry	50	05/14/19	5035A/8260C	
Chloroethane	ND	---	0.743	mg/kg dry	50	05/14/19	5035A/8260C	
Chloroform	ND	---	0.0743	mg/kg dry	50	05/14/19	5035A/8260C	
Chloromethane	ND	---	0.372	mg/kg dry	50	05/14/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0743	mg/kg dry	50	05/14/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0743	mg/kg dry	50	05/14/19	5035A/8260C	
Dibromochloromethane	ND	---	0.149	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.372	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0743	mg/kg dry	50	05/14/19	5035A/8260C	
Dibromomethane	ND	---	0.0743	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0372	mg/kg dry	50	05/14/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0372	mg/kg dry	50	05/14/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0372	mg/kg dry	50	05/14/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.149	mg/kg dry	50	05/14/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0372	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0372	mg/kg dry	50	05/14/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0372	mg/kg dry	50	05/14/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0372	mg/kg dry	50	05/14/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0372	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0372	mg/kg dry	50	05/14/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0743	mg/kg dry	50	05/14/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0743	mg/kg dry	50	05/14/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0743	mg/kg dry	50	05/14/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0743	mg/kg dry	50	05/14/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-4(8-9) (A9E0401-11)				**Matrix: Soil**			**Batch: 9050878**	
trans-1,3-Dichloropropene	ND	---	0.0743	mg/kg dry	50	05/14/19	5035A/8260C	
Ethylbenzene	ND	---	0.0372	mg/kg dry	50	05/14/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.149	mg/kg dry	50	05/14/19	5035A/8260C	
2-Hexanone	ND	---	0.743	mg/kg dry	50	05/14/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0743	mg/kg dry	50	05/14/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0743	mg/kg dry	50	05/14/19	5035A/8260C	
Methylene chloride	ND	---	0.372	mg/kg dry	50	05/14/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.743	mg/kg dry	50	05/14/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0743	mg/kg dry	50	05/14/19	5035A/8260C	
Naphthalene	ND	---	0.149	mg/kg dry	50	05/14/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0372	mg/kg dry	50	05/14/19	5035A/8260C	
Styrene	ND	---	0.0743	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.149	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0743	mg/kg dry	50	05/14/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0372	mg/kg dry	50	05/14/19	5035A/8260C	
Toluene	ND	---	0.0743	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.372	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.372	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0372	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0372	mg/kg dry	50	05/14/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0372	mg/kg dry	50	05/14/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.149	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0743	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0743	mg/kg dry	50	05/14/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0743	mg/kg dry	50	05/14/19	5035A/8260C	
Vinyl chloride	ND	---	0.0372	mg/kg dry	50	05/14/19	5035A/8260C	
m,p-Xylene	ND	---	0.0743	mg/kg dry	50	05/14/19	5035A/8260C	
o-Xylene	ND	---	0.0372	mg/kg dry	50	05/14/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*101 %*	*Limits:* *80-120 %*	*1*	*05/14/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*99 %*	*80-120 %*	*1*	*05/14/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*105 %*	*80-120 %*	*1*	*05/14/19*	*5035A/8260C*	
DP-4(11.5-12.5) (A9E0401-12)				**Matrix: Soil**			**Batch: 9050878**	
Acetone	ND	---	1.46	mg/kg dry	50	05/14/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-4(11.5-12.5) (A9E0401-12)				**Matrix: Soil**			**Batch: 9050878**	
Acrylonitrile	ND	---	0.146	mg/kg dry	50	05/14/19	5035A/8260C	
Benzene	ND	---	0.0146	mg/kg dry	50	05/14/19	5035A/8260C	
Bromobenzene	ND	---	0.0366	mg/kg dry	50	05/14/19	5035A/8260C	
Bromochloromethane	ND	---	0.0732	mg/kg dry	50	05/14/19	5035A/8260C	
Bromodichloromethane	ND	---	0.146	mg/kg dry	50	05/14/19	5035A/8260C	
Bromoform	ND	---	0.293	mg/kg dry	50	05/14/19	5035A/8260C	
Bromomethane	ND	---	0.732	mg/kg dry	50	05/14/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.732	mg/kg dry	50	05/14/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0732	mg/kg dry	50	05/14/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0732	mg/kg dry	50	05/14/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0732	mg/kg dry	50	05/14/19	5035A/8260C	
Carbon disulfide	ND	---	0.732	mg/kg dry	50	05/14/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.146	mg/kg dry	50	05/14/19	5035A/8260C	
Chlorobenzene	ND	---	0.0366	mg/kg dry	50	05/14/19	5035A/8260C	
Chloroethane	ND	---	0.732	mg/kg dry	50	05/14/19	5035A/8260C	
Chloroform	ND	---	0.0732	mg/kg dry	50	05/14/19	5035A/8260C	
Chloromethane	ND	---	0.366	mg/kg dry	50	05/14/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0732	mg/kg dry	50	05/14/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0732	mg/kg dry	50	05/14/19	5035A/8260C	
Dibromochloromethane	ND	---	0.146	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.366	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0732	mg/kg dry	50	05/14/19	5035A/8260C	
Dibromomethane	ND	---	0.0732	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0366	mg/kg dry	50	05/14/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0366	mg/kg dry	50	05/14/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0366	mg/kg dry	50	05/14/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.146	mg/kg dry	50	05/14/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0366	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0366	mg/kg dry	50	05/14/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0366	mg/kg dry	50	05/14/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0366	mg/kg dry	50	05/14/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0366	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0366	mg/kg dry	50	05/14/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-4(11.5-12.5) (A9E0401-12)				**Matrix: Soil**			**Batch: 9050878**	
1,3-Dichloropropane	ND	---	0.0732	mg/kg dry	50	05/14/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0732	mg/kg dry	50	05/14/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0732	mg/kg dry	50	05/14/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0732	mg/kg dry	50	05/14/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0732	mg/kg dry	50	05/14/19	5035A/8260C	
Ethylbenzene	ND	---	0.0366	mg/kg dry	50	05/14/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.146	mg/kg dry	50	05/14/19	5035A/8260C	
2-Hexanone	ND	---	0.732	mg/kg dry	50	05/14/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0732	mg/kg dry	50	05/14/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0732	mg/kg dry	50	05/14/19	5035A/8260C	
Methylene chloride	ND	---	0.366	mg/kg dry	50	05/14/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.732	mg/kg dry	50	05/14/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0732	mg/kg dry	50	05/14/19	5035A/8260C	
Naphthalene	ND	---	0.146	mg/kg dry	50	05/14/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0366	mg/kg dry	50	05/14/19	5035A/8260C	
Styrene	ND	---	0.0732	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.146	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0732	mg/kg dry	50	05/14/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0366	mg/kg dry	50	05/14/19	5035A/8260C	
Toluene	ND	---	0.0732	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.366	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.366	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0366	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0366	mg/kg dry	50	05/14/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0366	mg/kg dry	50	05/14/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.146	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0732	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0732	mg/kg dry	50	05/14/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0732	mg/kg dry	50	05/14/19	5035A/8260C	
Vinyl chloride	ND	---	0.0366	mg/kg dry	50	05/14/19	5035A/8260C	
m,p-Xylene	ND	---	0.0732	mg/kg dry	50	05/14/19	5035A/8260C	
o-Xylene	ND	---	0.0366	mg/kg dry	50	05/14/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery: 101 %*		*Limits: 80-120 %*	*1*	*05/14/19*	*5035A/8260C*	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-4(11.5-12.5) (A9E0401-12)				**Matrix: Soil**			**Batch: 9050878**	
Surrogate: Toluene-d8 (Surr)			*Recovery: 98 %*	*Limits: 80-120 %*	*1*	*05/14/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*104 %*	*80-120 %*	*1*	*05/14/19*	*5035A/8260C*	
DP-5(1-2) (A9E0401-16)				**Matrix: Soil**			**Batch: 9050878**	
Acetone	ND	---	1.28	mg/kg dry	50	05/14/19	5035A/8260C	
Acrylonitrile	ND	---	0.128	mg/kg dry	50	05/14/19	5035A/8260C	
Benzene	ND	---	0.0128	mg/kg dry	50	05/14/19	5035A/8260C	
Bromobenzene	ND	---	0.0320	mg/kg dry	50	05/14/19	5035A/8260C	
Bromochloromethane	ND	---	0.0640	mg/kg dry	50	05/14/19	5035A/8260C	
Bromodichloromethane	ND	---	0.128	mg/kg dry	50	05/14/19	5035A/8260C	
Bromoform	ND	---	0.256	mg/kg dry	50	05/14/19	5035A/8260C	
Bromomethane	ND	---	0.640	mg/kg dry	50	05/14/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.640	mg/kg dry	50	05/14/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0640	mg/kg dry	50	05/14/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0640	mg/kg dry	50	05/14/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0640	mg/kg dry	50	05/14/19	5035A/8260C	
Carbon disulfide	ND	---	0.640	mg/kg dry	50	05/14/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.128	mg/kg dry	50	05/14/19	5035A/8260C	
Chlorobenzene	ND	---	0.0320	mg/kg dry	50	05/14/19	5035A/8260C	
Chloroethane	ND	---	0.640	mg/kg dry	50	05/14/19	5035A/8260C	
Chloroform	ND	---	0.0640	mg/kg dry	50	05/14/19	5035A/8260C	
Chloromethane	ND	---	0.320	mg/kg dry	50	05/14/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0640	mg/kg dry	50	05/14/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0640	mg/kg dry	50	05/14/19	5035A/8260C	
Dibromochloromethane	ND	---	0.128	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.320	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0640	mg/kg dry	50	05/14/19	5035A/8260C	
Dibromomethane	ND	---	0.0640	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0320	mg/kg dry	50	05/14/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0320	mg/kg dry	50	05/14/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0320	mg/kg dry	50	05/14/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.128	mg/kg dry	50	05/14/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0320	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0320	mg/kg dry	50	05/14/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-5(1-2) (A9E0401-16)				**Matrix: Soil**			**Batch: 9050878**	
1,1-Dichloroethene	ND	---	0.0320	mg/kg dry	50	05/14/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0320	mg/kg dry	50	05/14/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0320	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0320	mg/kg dry	50	05/14/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0640	mg/kg dry	50	05/14/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0640	mg/kg dry	50	05/14/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0640	mg/kg dry	50	05/14/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0640	mg/kg dry	50	05/14/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0640	mg/kg dry	50	05/14/19	5035A/8260C	
Ethylbenzene	ND	---	0.0320	mg/kg dry	50	05/14/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.128	mg/kg dry	50	05/14/19	5035A/8260C	
2-Hexanone	ND	---	0.640	mg/kg dry	50	05/14/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0640	mg/kg dry	50	05/14/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0640	mg/kg dry	50	05/14/19	5035A/8260C	
Methylene chloride	ND	---	0.320	mg/kg dry	50	05/14/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.640	mg/kg dry	50	05/14/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0640	mg/kg dry	50	05/14/19	5035A/8260C	
Naphthalene	ND	---	0.128	mg/kg dry	50	05/14/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0320	mg/kg dry	50	05/14/19	5035A/8260C	
Styrene	ND	---	0.0640	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.128	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0640	mg/kg dry	50	05/14/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0320	mg/kg dry	50	05/14/19	5035A/8260C	
Toluene	ND	---	0.0640	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.320	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.320	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0320	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0320	mg/kg dry	50	05/14/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0320	mg/kg dry	50	05/14/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.128	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0640	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0640	mg/kg dry	50	05/14/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0640	mg/kg dry	50	05/14/19	5035A/8260C	

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Philip Nerenberg, Lab Director

Apex Laboratories, LLC

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Tigard, OR 97223
503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-5(1-2) (A9E0401-16)				**Matrix: Soil**			**Batch: 9050878**	
Vinyl chloride	ND	---	0.0320	mg/kg dry	50	05/14/19	5035A/8260C	
m,p-Xylene	ND	---	0.0640	mg/kg dry	50	05/14/19	5035A/8260C	
o-Xylene	ND	---	0.0320	mg/kg dry	50	05/14/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*101 %*	*Limits: 80-120 %*	*1*	*05/14/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*99 %*	*80-120 %*	*1*	*05/14/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*104 %*	*80-120 %*	*1*	*05/14/19*	*5035A/8260C*	
DP-5(8.5-9.5) (A9E0401-17)				**Matrix: Soil**			**Batch: 9050878**	
Acetone	ND	---	1.43	mg/kg dry	50	05/15/19	5035A/8260C	
Acrylonitrile	ND	---	0.143	mg/kg dry	50	05/15/19	5035A/8260C	
Benzene	ND	---	0.0143	mg/kg dry	50	05/15/19	5035A/8260C	
Bromobenzene	ND	---	0.0356	mg/kg dry	50	05/15/19	5035A/8260C	
Bromochloromethane	ND	---	0.0713	mg/kg dry	50	05/15/19	5035A/8260C	
Bromodichloromethane	ND	---	0.143	mg/kg dry	50	05/15/19	5035A/8260C	
Bromoform	ND	---	0.285	mg/kg dry	50	05/15/19	5035A/8260C	
Bromomethane	ND	---	0.713	mg/kg dry	50	05/15/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.713	mg/kg dry	50	05/15/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0713	mg/kg dry	50	05/15/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0713	mg/kg dry	50	05/15/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0713	mg/kg dry	50	05/15/19	5035A/8260C	
Carbon disulfide	ND	---	0.713	mg/kg dry	50	05/15/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.143	mg/kg dry	50	05/15/19	5035A/8260C	
Chlorobenzene	ND	---	0.0356	mg/kg dry	50	05/15/19	5035A/8260C	
Chloroethane	ND	---	0.713	mg/kg dry	50	05/15/19	5035A/8260C	
Chloroform	ND	---	0.0713	mg/kg dry	50	05/15/19	5035A/8260C	
Chloromethane	ND	---	0.356	mg/kg dry	50	05/15/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0713	mg/kg dry	50	05/15/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0713	mg/kg dry	50	05/15/19	5035A/8260C	
Dibromochloromethane	ND	---	0.143	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.356	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0713	mg/kg dry	50	05/15/19	5035A/8260C	
Dibromomethane	ND	---	0.0713	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0356	mg/kg dry	50	05/15/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0356	mg/kg dry	50	05/15/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-5(8.5-9.5) (A9E0401-17)				**Matrix: Soil**			**Batch: 9050878**	
1,4-Dichlorobenzene	ND	---	0.0356	mg/kg dry	50	05/15/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.143	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0356	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0356	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0356	mg/kg dry	50	05/15/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0356	mg/kg dry	50	05/15/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0356	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0356	mg/kg dry	50	05/15/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0713	mg/kg dry	50	05/15/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0713	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0713	mg/kg dry	50	05/15/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0713	mg/kg dry	50	05/15/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0713	mg/kg dry	50	05/15/19	5035A/8260C	
Ethylbenzene	ND	---	0.0356	mg/kg dry	50	05/15/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.143	mg/kg dry	50	05/15/19	5035A/8260C	
2-Hexanone	ND	---	0.713	mg/kg dry	50	05/15/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0713	mg/kg dry	50	05/15/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0713	mg/kg dry	50	05/15/19	5035A/8260C	
Methylene chloride	ND	---	0.356	mg/kg dry	50	05/15/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.713	mg/kg dry	50	05/15/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0713	mg/kg dry	50	05/15/19	5035A/8260C	
Naphthalene	ND	---	0.143	mg/kg dry	50	05/15/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0356	mg/kg dry	50	05/15/19	5035A/8260C	
Styrene	ND	---	0.0713	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.143	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0713	mg/kg dry	50	05/15/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0356	mg/kg dry	50	05/15/19	5035A/8260C	
Toluene	ND	---	0.0713	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.356	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.356	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0356	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0356	mg/kg dry	50	05/15/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0356	mg/kg dry	50	05/15/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-5(8.5-9.5) (A9E0401-17)				**Matrix: Soil**			**Batch: 9050878**	
Trichlorofluoromethane	ND	---	0.143	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0713	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0713	mg/kg dry	50	05/15/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0713	mg/kg dry	50	05/15/19	5035A/8260C	
Vinyl chloride	ND	---	0.0356	mg/kg dry	50	05/15/19	5035A/8260C	
m,p-Xylene	ND	---	0.0713	mg/kg dry	50	05/15/19	5035A/8260C	
o-Xylene	ND	---	0.0356	mg/kg dry	50	05/15/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*105 %*	*Limits: 80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*94 %*	*80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*106 %*	*80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
DP-5(13-14) (A9E0401-18)				**Matrix: Soil**			**Batch: 9051023**	**V-16**
Acetone	ND	---	1.40	mg/kg dry	50	05/18/19	5035A/8260C	
Acrylonitrile	ND	---	0.140	mg/kg dry	50	05/18/19	5035A/8260C	
Benzene	ND	---	0.0140	mg/kg dry	50	05/18/19	5035A/8260C	
Bromobenzene	ND	---	0.0350	mg/kg dry	50	05/18/19	5035A/8260C	
Bromochloromethane	ND	---	0.0701	mg/kg dry	50	05/18/19	5035A/8260C	
Bromodichloromethane	ND	---	0.140	mg/kg dry	50	05/18/19	5035A/8260C	
Bromoform	ND	---	0.280	mg/kg dry	50	05/18/19	5035A/8260C	
Bromomethane	ND	---	0.701	mg/kg dry	50	05/18/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.701	mg/kg dry	50	05/18/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0701	mg/kg dry	50	05/18/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0701	mg/kg dry	50	05/18/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0701	mg/kg dry	50	05/18/19	5035A/8260C	
Carbon disulfide	ND	---	0.701	mg/kg dry	50	05/18/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.140	mg/kg dry	50	05/18/19	5035A/8260C	
Chlorobenzene	ND	---	0.0350	mg/kg dry	50	05/18/19	5035A/8260C	
Chloroethane	ND	---	0.701	mg/kg dry	50	05/18/19	5035A/8260C	
Chloroform	ND	---	0.0701	mg/kg dry	50	05/18/19	5035A/8260C	
Chloromethane	ND	---	0.350	mg/kg dry	50	05/18/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0701	mg/kg dry	50	05/18/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0701	mg/kg dry	50	05/18/19	5035A/8260C	
Dibromochloromethane	ND	---	0.140	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.350	mg/kg dry	50	05/18/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-5(13-14) (A9E0401-18)				**Matrix: Soil**			**Batch: 9051023**	**V-16**
1,2-Dibromoethane (EDB)	ND	---	0.0701	mg/kg dry	50	05/18/19	5035A/8260C	
Dibromomethane	ND	---	0.0701	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0350	mg/kg dry	50	05/18/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0350	mg/kg dry	50	05/18/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0350	mg/kg dry	50	05/18/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.140	mg/kg dry	50	05/18/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0350	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0350	mg/kg dry	50	05/18/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0350	mg/kg dry	50	05/18/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0350	mg/kg dry	50	05/18/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0350	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0350	mg/kg dry	50	05/18/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0701	mg/kg dry	50	05/18/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0701	mg/kg dry	50	05/18/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0701	mg/kg dry	50	05/18/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0701	mg/kg dry	50	05/18/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0701	mg/kg dry	50	05/18/19	5035A/8260C	
Ethylbenzene	ND	---	0.0350	mg/kg dry	50	05/18/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.140	mg/kg dry	50	05/18/19	5035A/8260C	
2-Hexanone	ND	---	0.701	mg/kg dry	50	05/18/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0701	mg/kg dry	50	05/18/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0701	mg/kg dry	50	05/18/19	5035A/8260C	
Methylene chloride	ND	---	0.350	mg/kg dry	50	05/18/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.701	mg/kg dry	50	05/18/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0701	mg/kg dry	50	05/18/19	5035A/8260C	
Naphthalene	ND	---	0.140	mg/kg dry	50	05/18/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0350	mg/kg dry	50	05/18/19	5035A/8260C	
Styrene	ND	---	0.0701	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.140	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0701	mg/kg dry	50	05/18/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0350	mg/kg dry	50	05/18/19	5035A/8260C	
Toluene	ND	---	0.0701	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.350	mg/kg dry	50	05/18/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-5(13-14) (A9E0401-18)				**Matrix: Soil**			**Batch: 9051023**	**V-16**
1,2,4-Trichlorobenzene	ND	---	0.350	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0350	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0350	mg/kg dry	50	05/18/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0350	mg/kg dry	50	05/18/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.140	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0701	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0701	mg/kg dry	50	05/18/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0701	mg/kg dry	50	05/18/19	5035A/8260C	
Vinyl chloride	ND	---	0.0350	mg/kg dry	50	05/18/19	5035A/8260C	
m,p-Xylene	ND	---	0.0701	mg/kg dry	50	05/18/19	5035A/8260C	
o-Xylene	ND	---	0.0350	mg/kg dry	50	05/18/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*104 %*	*Limits: 80-120 %*	*1*	*05/18/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*95 %*	*80-120 %*	*1*	*05/18/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*103 %*	*80-120 %*	*1*	*05/18/19*	*5035A/8260C*	
DP-6(1-2) (A9E0401-19)				**Matrix: Soil**			**Batch: 9050878**	
Acetone	ND	---	1.32	mg/kg dry	50	05/15/19	5035A/8260C	
Acrylonitrile	ND	---	0.132	mg/kg dry	50	05/15/19	5035A/8260C	
Benzene	ND	---	0.0132	mg/kg dry	50	05/15/19	5035A/8260C	
Bromobenzene	ND	---	0.0329	mg/kg dry	50	05/15/19	5035A/8260C	
Bromochloromethane	ND	---	0.0658	mg/kg dry	50	05/15/19	5035A/8260C	
Bromodichloromethane	ND	---	0.132	mg/kg dry	50	05/15/19	5035A/8260C	
Bromoform	ND	---	0.263	mg/kg dry	50	05/15/19	5035A/8260C	
Bromomethane	ND	---	0.658	mg/kg dry	50	05/15/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.658	mg/kg dry	50	05/15/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0658	mg/kg dry	50	05/15/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0658	mg/kg dry	50	05/15/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0658	mg/kg dry	50	05/15/19	5035A/8260C	
Carbon disulfide	ND	---	0.658	mg/kg dry	50	05/15/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.132	mg/kg dry	50	05/15/19	5035A/8260C	
Chlorobenzene	ND	---	0.0329	mg/kg dry	50	05/15/19	5035A/8260C	
Chloroethane	ND	---	0.658	mg/kg dry	50	05/15/19	5035A/8260C	
Chloroform	ND	---	0.0658	mg/kg dry	50	05/15/19	5035A/8260C	
Chloromethane	ND	---	0.329	mg/kg dry	50	05/15/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-6(1-2) (A9E0401-19)				**Matrix: Soil**			**Batch: 9050878**	
2-Chlorotoluene	ND	---	0.0658	mg/kg dry	50	05/15/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0658	mg/kg dry	50	05/15/19	5035A/8260C	
Dibromochloromethane	ND	---	0.132	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.329	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0658	mg/kg dry	50	05/15/19	5035A/8260C	
Dibromomethane	ND	---	0.0658	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0329	mg/kg dry	50	05/15/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0329	mg/kg dry	50	05/15/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0329	mg/kg dry	50	05/15/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.132	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0329	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0329	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0329	mg/kg dry	50	05/15/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0329	mg/kg dry	50	05/15/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0329	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0329	mg/kg dry	50	05/15/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0658	mg/kg dry	50	05/15/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0658	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0658	mg/kg dry	50	05/15/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0658	mg/kg dry	50	05/15/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0658	mg/kg dry	50	05/15/19	5035A/8260C	
Ethylbenzene	ND	---	0.0329	mg/kg dry	50	05/15/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.132	mg/kg dry	50	05/15/19	5035A/8260C	
2-Hexanone	ND	---	0.658	mg/kg dry	50	05/15/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0658	mg/kg dry	50	05/15/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0658	mg/kg dry	50	05/15/19	5035A/8260C	
Methylene chloride	ND	---	0.329	mg/kg dry	50	05/15/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.658	mg/kg dry	50	05/15/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0658	mg/kg dry	50	05/15/19	5035A/8260C	
Naphthalene	ND	---	0.132	mg/kg dry	50	05/15/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0329	mg/kg dry	50	05/15/19	5035A/8260C	
Styrene	ND	---	0.0658	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.132	mg/kg dry	50	05/15/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-6(1-2) (A9E0401-19)				**Matrix: Soil**			**Batch: 9050878**	
1,1,2,2-Tetrachloroethane	ND	---	0.0658	mg/kg dry	50	05/15/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0329	mg/kg dry	50	05/15/19	5035A/8260C	
Toluene	ND	---	0.0658	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.329	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.329	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0329	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0329	mg/kg dry	50	05/15/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0329	mg/kg dry	50	05/15/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.132	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0658	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0658	mg/kg dry	50	05/15/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0658	mg/kg dry	50	05/15/19	5035A/8260C	
Vinyl chloride	ND	---	0.0329	mg/kg dry	50	05/15/19	5035A/8260C	
m,p-Xylene	ND	---	0.0658	mg/kg dry	50	05/15/19	5035A/8260C	
o-Xylene	ND	---	0.0329	mg/kg dry	50	05/15/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*104 %*	*Limits: 80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*95 %*	*80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*103 %*	*80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
DP-6(8-9) (A9E0401-20)				**Matrix: Soil**			**Batch: 9050878**	
Acetone	ND	---	1.49	mg/kg dry	50	05/15/19	5035A/8260C	
Acrylonitrile	ND	---	0.149	mg/kg dry	50	05/15/19	5035A/8260C	
Benzene	ND	---	0.0149	mg/kg dry	50	05/15/19	5035A/8260C	
Bromobenzene	ND	---	0.0373	mg/kg dry	50	05/15/19	5035A/8260C	
Bromochloromethane	ND	---	0.0745	mg/kg dry	50	05/15/19	5035A/8260C	
Bromodichloromethane	ND	---	0.149	mg/kg dry	50	05/15/19	5035A/8260C	
Bromoform	ND	---	0.298	mg/kg dry	50	05/15/19	5035A/8260C	
Bromomethane	ND	---	0.745	mg/kg dry	50	05/15/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.745	mg/kg dry	50	05/15/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0745	mg/kg dry	50	05/15/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0745	mg/kg dry	50	05/15/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0745	mg/kg dry	50	05/15/19	5035A/8260C	
Carbon disulfide	ND	---	0.745	mg/kg dry	50	05/15/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.149	mg/kg dry	50	05/15/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-6(8-9) (A9E0401-20)				**Matrix: Soil**			**Batch: 9050878**	
Chlorobenzene	ND	---	0.0373	mg/kg dry	50	05/15/19	5035A/8260C	
Chloroethane	ND	---	0.745	mg/kg dry	50	05/15/19	5035A/8260C	
Chloroform	ND	---	0.0745	mg/kg dry	50	05/15/19	5035A/8260C	
Chloromethane	ND	---	0.373	mg/kg dry	50	05/15/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0745	mg/kg dry	50	05/15/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0745	mg/kg dry	50	05/15/19	5035A/8260C	
Dibromochloromethane	ND	---	0.149	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.373	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0745	mg/kg dry	50	05/15/19	5035A/8260C	
Dibromomethane	ND	---	0.0745	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0373	mg/kg dry	50	05/15/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0373	mg/kg dry	50	05/15/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0373	mg/kg dry	50	05/15/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.149	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0373	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0373	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0373	mg/kg dry	50	05/15/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0373	mg/kg dry	50	05/15/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0373	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0373	mg/kg dry	50	05/15/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0745	mg/kg dry	50	05/15/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0745	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0745	mg/kg dry	50	05/15/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0745	mg/kg dry	50	05/15/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0745	mg/kg dry	50	05/15/19	5035A/8260C	
Ethylbenzene	ND	---	0.0373	mg/kg dry	50	05/15/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.149	mg/kg dry	50	05/15/19	5035A/8260C	
2-Hexanone	ND	---	0.745	mg/kg dry	50	05/15/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0745	mg/kg dry	50	05/15/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0745	mg/kg dry	50	05/15/19	5035A/8260C	
Methylene chloride	ND	---	0.373	mg/kg dry	50	05/15/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.745	mg/kg dry	50	05/15/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0745	mg/kg dry	50	05/15/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-6(8-9) (A9E0401-20)				**Matrix: Soil**			**Batch: 9050878**	
Naphthalene	ND	---	0.149	mg/kg dry	50	05/15/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0373	mg/kg dry	50	05/15/19	5035A/8260C	
Styrene	ND	---	0.0745	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.149	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0745	mg/kg dry	50	05/15/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0373	mg/kg dry	50	05/15/19	5035A/8260C	
Toluene	ND	---	0.0745	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.373	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.373	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0373	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0373	mg/kg dry	50	05/15/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0373	mg/kg dry	50	05/15/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.149	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0745	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0745	mg/kg dry	50	05/15/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0745	mg/kg dry	50	05/15/19	5035A/8260C	
Vinyl chloride	ND	---	0.0373	mg/kg dry	50	05/15/19	5035A/8260C	
m,p-Xylene	ND	---	0.0745	mg/kg dry	50	05/15/19	5035A/8260C	
o-Xylene	ND	---	0.0373	mg/kg dry	50	05/15/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*104 %*	*Limits: 80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*96 %*	*80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*104 %*	*80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
DP-6(12.5-13.5) (A9E0401-21)				**Matrix: Soil**			**Batch: 9050878**	
Acetone	ND	---	1.64	mg/kg dry	50	05/15/19	5035A/8260C	
Acrylonitrile	ND	---	0.164	mg/kg dry	50	05/15/19	5035A/8260C	
Benzene	ND	---	0.0164	mg/kg dry	50	05/15/19	5035A/8260C	
Bromobenzene	ND	---	0.0411	mg/kg dry	50	05/15/19	5035A/8260C	
Bromochloromethane	ND	---	0.0822	mg/kg dry	50	05/15/19	5035A/8260C	
Bromodichloromethane	ND	---	0.164	mg/kg dry	50	05/15/19	5035A/8260C	
Bromoform	ND	---	0.329	mg/kg dry	50	05/15/19	5035A/8260C	
Bromomethane	ND	---	0.822	mg/kg dry	50	05/15/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.822	mg/kg dry	50	05/15/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0822	mg/kg dry	50	05/15/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-6(12.5-13.5) (A9E0401-21)				**Matrix: Soil**			**Batch: 9050878**	
sec-Butylbenzene	ND	---	0.0822	mg/kg dry	50	05/15/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0822	mg/kg dry	50	05/15/19	5035A/8260C	
Carbon disulfide	ND	---	0.822	mg/kg dry	50	05/15/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.164	mg/kg dry	50	05/15/19	5035A/8260C	
Chlorobenzene	ND	---	0.0411	mg/kg dry	50	05/15/19	5035A/8260C	
Chloroethane	ND	---	0.822	mg/kg dry	50	05/15/19	5035A/8260C	
Chloroform	ND	---	0.0822	mg/kg dry	50	05/15/19	5035A/8260C	
Chloromethane	ND	---	0.411	mg/kg dry	50	05/15/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0822	mg/kg dry	50	05/15/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0822	mg/kg dry	50	05/15/19	5035A/8260C	
Dibromochloromethane	ND	---	0.164	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.411	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0822	mg/kg dry	50	05/15/19	5035A/8260C	
Dibromomethane	ND	---	0.0822	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0411	mg/kg dry	50	05/15/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0411	mg/kg dry	50	05/15/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0411	mg/kg dry	50	05/15/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.164	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0411	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0411	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0411	mg/kg dry	50	05/15/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0411	mg/kg dry	50	05/15/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0411	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0411	mg/kg dry	50	05/15/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0822	mg/kg dry	50	05/15/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0822	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0822	mg/kg dry	50	05/15/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0822	mg/kg dry	50	05/15/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0822	mg/kg dry	50	05/15/19	5035A/8260C	
Ethylbenzene	ND	---	0.0411	mg/kg dry	50	05/15/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.164	mg/kg dry	50	05/15/19	5035A/8260C	
2-Hexanone	ND	---	0.822	mg/kg dry	50	05/15/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0822	mg/kg dry	50	05/15/19	5035A/8260C	

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Philip Nerenberg, Lab Director

Apex Laboratories, LLC
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503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-6(12.5-13.5) (A9E0401-21)				**Matrix: Soil**			**Batch: 9050878**	
4-Isopropyltoluene	ND	---	0.0822	mg/kg dry	50	05/15/19	5035A/8260C	
Methylene chloride	ND	---	0.411	mg/kg dry	50	05/15/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.822	mg/kg dry	50	05/15/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0822	mg/kg dry	50	05/15/19	5035A/8260C	
Naphthalene	ND	---	0.164	mg/kg dry	50	05/15/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0411	mg/kg dry	50	05/15/19	5035A/8260C	
Styrene	ND	---	0.0822	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.164	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0822	mg/kg dry	50	05/15/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0411	mg/kg dry	50	05/15/19	5035A/8260C	
Toluene	ND	---	0.0822	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.411	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.411	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0411	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0411	mg/kg dry	50	05/15/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0411	mg/kg dry	50	05/15/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.164	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0822	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0822	mg/kg dry	50	05/15/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0822	mg/kg dry	50	05/15/19	5035A/8260C	
Vinyl chloride	ND	---	0.0411	mg/kg dry	50	05/15/19	5035A/8260C	
m,p-Xylene	ND	---	0.0822	mg/kg dry	50	05/15/19	5035A/8260C	
o-Xylene	ND	---	0.0411	mg/kg dry	50	05/15/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*100 %*	*Limits:* *80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*100 %*	*80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*103 %*	*80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
DP-7(1-2) (A9E0401-22)				**Matrix: Soil**			**Batch: 9050878**	
Acetone	ND	---	1.27	mg/kg dry	50	05/15/19	5035A/8260C	
Acrylonitrile	ND	---	0.127	mg/kg dry	50	05/15/19	5035A/8260C	
Benzene	ND	---	0.0127	mg/kg dry	50	05/15/19	5035A/8260C	
Bromobenzene	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
Bromochloromethane	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
Bromodichloromethane	ND	---	0.127	mg/kg dry	50	05/15/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-7(1-2) (A9E0401-22)				**Matrix: Soil**			**Batch: 9050878**	
Bromoform	ND	---	0.254	mg/kg dry	50	05/15/19	5035A/8260C	
Bromomethane	ND	---	0.634	mg/kg dry	50	05/15/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.634	mg/kg dry	50	05/15/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
Carbon disulfide	ND	---	0.634	mg/kg dry	50	05/15/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.127	mg/kg dry	50	05/15/19	5035A/8260C	
Chlorobenzene	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
Chloroethane	ND	---	0.634	mg/kg dry	50	05/15/19	5035A/8260C	
Chloroform	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
Chloromethane	ND	---	0.317	mg/kg dry	50	05/15/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
Dibromochloromethane	ND	---	0.127	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.317	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
Dibromomethane	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.127	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-7(1-2) (A9E0401-22)				**Matrix: Soil**			**Batch: 9050878**	
Ethylbenzene	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.127	mg/kg dry	50	05/15/19	5035A/8260C	
2-Hexanone	ND	---	0.634	mg/kg dry	50	05/15/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
Methylene chloride	ND	---	0.317	mg/kg dry	50	05/15/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.634	mg/kg dry	50	05/15/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
Naphthalene	ND	---	0.127	mg/kg dry	50	05/15/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
Styrene	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.127	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
Toluene	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.317	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.317	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.127	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
Vinyl chloride	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
m,p-Xylene	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
o-Xylene	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*100 %*	*Limits: 80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*100 %*	*80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*103 %*	*80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
DP-7(6.5-7.5) (A9E0401-23)				**Matrix: Soil**			**Batch: 9050878**	
Acetone	ND	---	0.944	mg/kg dry	50	05/15/19	5035A/8260C	
Acrylonitrile	ND	---	0.0944	mg/kg dry	50	05/15/19	5035A/8260C	

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-7(6.5-7.5) (A9E0401-23)				**Matrix: Soil**			**Batch: 9050878**	
Benzene	ND	---	0.00944	mg/kg dry	50	05/15/19	5035A/8260C	
Bromobenzene	ND	---	0.0236	mg/kg dry	50	05/15/19	5035A/8260C	
Bromochloromethane	ND	---	0.0472	mg/kg dry	50	05/15/19	5035A/8260C	
Bromodichloromethane	ND	---	0.0944	mg/kg dry	50	05/15/19	5035A/8260C	
Bromoform	ND	---	0.189	mg/kg dry	50	05/15/19	5035A/8260C	
Bromomethane	ND	---	0.472	mg/kg dry	50	05/15/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.472	mg/kg dry	50	05/15/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0472	mg/kg dry	50	05/15/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0472	mg/kg dry	50	05/15/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0472	mg/kg dry	50	05/15/19	5035A/8260C	
Carbon disulfide	ND	---	0.472	mg/kg dry	50	05/15/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.0944	mg/kg dry	50	05/15/19	5035A/8260C	
Chlorobenzene	ND	---	0.0236	mg/kg dry	50	05/15/19	5035A/8260C	
Chloroethane	ND	---	0.472	mg/kg dry	50	05/15/19	5035A/8260C	
Chloroform	ND	---	0.0472	mg/kg dry	50	05/15/19	5035A/8260C	
Chloromethane	ND	---	0.236	mg/kg dry	50	05/15/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0472	mg/kg dry	50	05/15/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0472	mg/kg dry	50	05/15/19	5035A/8260C	
Dibromochloromethane	ND	---	0.0944	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.236	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0472	mg/kg dry	50	05/15/19	5035A/8260C	
Dibromomethane	ND	---	0.0472	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0236	mg/kg dry	50	05/15/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0236	mg/kg dry	50	05/15/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0236	mg/kg dry	50	05/15/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.0944	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0236	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0236	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0236	mg/kg dry	50	05/15/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0236	mg/kg dry	50	05/15/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0236	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0236	mg/kg dry	50	05/15/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0472	mg/kg dry	50	05/15/19	5035A/8260C	

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GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-7(6.5-7.5) (A9E0401-23)				**Matrix: Soil**			**Batch: 9050878**	
2,2-Dichloropropane	ND	---	0.0472	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0472	mg/kg dry	50	05/15/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0472	mg/kg dry	50	05/15/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0472	mg/kg dry	50	05/15/19	5035A/8260C	
Ethylbenzene	ND	---	0.0236	mg/kg dry	50	05/15/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.0944	mg/kg dry	50	05/15/19	5035A/8260C	
2-Hexanone	ND	---	0.472	mg/kg dry	50	05/15/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0472	mg/kg dry	50	05/15/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0472	mg/kg dry	50	05/15/19	5035A/8260C	
Methylene chloride	ND	---	0.236	mg/kg dry	50	05/15/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.472	mg/kg dry	50	05/15/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0472	mg/kg dry	50	05/15/19	5035A/8260C	
Naphthalene	ND	---	0.0944	mg/kg dry	50	05/15/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0236	mg/kg dry	50	05/15/19	5035A/8260C	
Styrene	ND	---	0.0472	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.0944	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0472	mg/kg dry	50	05/15/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0236	mg/kg dry	50	05/15/19	5035A/8260C	
Toluene	ND	---	0.0472	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.236	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.236	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0236	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0236	mg/kg dry	50	05/15/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0236	mg/kg dry	50	05/15/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.0944	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0472	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0472	mg/kg dry	50	05/15/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0472	mg/kg dry	50	05/15/19	5035A/8260C	
Vinyl chloride	ND	---	0.0236	mg/kg dry	50	05/15/19	5035A/8260C	
m,p-Xylene	ND	---	0.0472	mg/kg dry	50	05/15/19	5035A/8260C	
o-Xylene	ND	---	0.0236	mg/kg dry	50	05/15/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*101 %*	*Limits: 80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*99 %*	*80-120 %*	*1*	*05/15/19*	*5035A/8260C*	

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Philip Nerenberg, Lab Director

Apex Laboratories, LLC

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Tigard, OR 97223
503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-7(6.5-7.5) (A9E0401-23)				**Matrix: Soil**			**Batch: 9050878**	
Surrogate: 4-Bromofluorobenzene (Surr)		*Recovery: 104 %*	*Limits: 80-120 %*		*1*	*05/15/19*	*5035A/8260C*	
DP-7(11.5-12.5) (A9E0401-24)				**Matrix: Soil**			**Batch: 9050878**	
Acetone	ND	---	1.27	mg/kg dry	50	05/15/19	5035A/8260C	
Acrylonitrile	ND	---	0.127	mg/kg dry	50	05/15/19	5035A/8260C	
Benzene	ND	---	0.0127	mg/kg dry	50	05/15/19	5035A/8260C	
Bromobenzene	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
Bromochloromethane	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
Bromodichloromethane	ND	---	0.127	mg/kg dry	50	05/15/19	5035A/8260C	
Bromoform	ND	---	0.254	mg/kg dry	50	05/15/19	5035A/8260C	
Bromomethane	ND	---	0.634	mg/kg dry	50	05/15/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.634	mg/kg dry	50	05/15/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
Carbon disulfide	ND	---	0.634	mg/kg dry	50	05/15/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.127	mg/kg dry	50	05/15/19	5035A/8260C	
Chlorobenzene	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
Chloroethane	ND	---	0.634	mg/kg dry	50	05/15/19	5035A/8260C	
Chloroform	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
Chloromethane	ND	---	0.317	mg/kg dry	50	05/15/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
Dibromochloromethane	ND	---	0.127	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.317	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
Dibromomethane	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.127	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-7(11.5-12.5) (A9E0401-24)				**Matrix: Soil**			**Batch: 9050878**	
cis-1,2-Dichloroethene	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
Ethylbenzene	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.127	mg/kg dry	50	05/15/19	5035A/8260C	
2-Hexanone	ND	---	0.634	mg/kg dry	50	05/15/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
Methylene chloride	ND	---	0.317	mg/kg dry	50	05/15/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.634	mg/kg dry	50	05/15/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
Naphthalene	ND	---	0.127	mg/kg dry	50	05/15/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
Styrene	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.127	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
Toluene	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.317	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.317	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.127	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
Vinyl chloride	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-7(11.5-12.5) (A9E0401-24)				**Matrix: Soil**			**Batch: 9050878**	
m,p-Xylene	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
o-Xylene	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*101 %*	*Limits: 80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*100 %*	*80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*104 %*	*80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
DP-8(1.5-2.5) (A9E0401-25)				**Matrix: Soil**			**Batch: 9050878**	
Acetone	ND	---	1.53	mg/kg dry	50	05/15/19	5035A/8260C	
Acrylonitrile	ND	---	0.153	mg/kg dry	50	05/15/19	5035A/8260C	
Benzene	ND	---	0.0153	mg/kg dry	50	05/15/19	5035A/8260C	
Bromobenzene	ND	---	0.0382	mg/kg dry	50	05/15/19	5035A/8260C	
Bromochloromethane	ND	---	0.0765	mg/kg dry	50	05/15/19	5035A/8260C	
Bromodichloromethane	ND	---	0.153	mg/kg dry	50	05/15/19	5035A/8260C	
Bromoform	ND	---	0.306	mg/kg dry	50	05/15/19	5035A/8260C	
Bromomethane	ND	---	0.765	mg/kg dry	50	05/15/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.765	mg/kg dry	50	05/15/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0765	mg/kg dry	50	05/15/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0765	mg/kg dry	50	05/15/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0765	mg/kg dry	50	05/15/19	5035A/8260C	
Carbon disulfide	ND	---	0.765	mg/kg dry	50	05/15/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.153	mg/kg dry	50	05/15/19	5035A/8260C	
Chlorobenzene	ND	---	0.0382	mg/kg dry	50	05/15/19	5035A/8260C	
Chloroethane	ND	---	0.765	mg/kg dry	50	05/15/19	5035A/8260C	
Chloroform	ND	---	0.0765	mg/kg dry	50	05/15/19	5035A/8260C	
Chloromethane	ND	---	0.382	mg/kg dry	50	05/15/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0765	mg/kg dry	50	05/15/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0765	mg/kg dry	50	05/15/19	5035A/8260C	
Dibromochloromethane	ND	---	0.153	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.382	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0765	mg/kg dry	50	05/15/19	5035A/8260C	
Dibromomethane	ND	---	0.0765	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0382	mg/kg dry	50	05/15/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0382	mg/kg dry	50	05/15/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0382	mg/kg dry	50	05/15/19	5035A/8260C	

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-8(1.5-2.5) (A9E0401-25)				**Matrix: Soil**			**Batch: 9050878**	
Dichlorodifluoromethane	ND	---	0.153	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0382	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0382	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0382	mg/kg dry	50	05/15/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0382	mg/kg dry	50	05/15/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0382	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0382	mg/kg dry	50	05/15/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0765	mg/kg dry	50	05/15/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0765	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0765	mg/kg dry	50	05/15/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0765	mg/kg dry	50	05/15/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0765	mg/kg dry	50	05/15/19	5035A/8260C	
Ethylbenzene	ND	---	0.0382	mg/kg dry	50	05/15/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.153	mg/kg dry	50	05/15/19	5035A/8260C	
2-Hexanone	ND	---	0.765	mg/kg dry	50	05/15/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0765	mg/kg dry	50	05/15/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0765	mg/kg dry	50	05/15/19	5035A/8260C	
Methylene chloride	ND	---	0.382	mg/kg dry	50	05/15/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.765	mg/kg dry	50	05/15/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0765	mg/kg dry	50	05/15/19	5035A/8260C	
Naphthalene	ND	---	0.153	mg/kg dry	50	05/15/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0382	mg/kg dry	50	05/15/19	5035A/8260C	
Styrene	ND	---	0.0765	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.153	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0765	mg/kg dry	50	05/15/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0382	mg/kg dry	50	05/15/19	5035A/8260C	
Toluene	ND	---	0.0765	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.382	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.382	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0382	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0382	mg/kg dry	50	05/15/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0382	mg/kg dry	50	05/15/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.153	mg/kg dry	50	05/15/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-8(1.5-2.5) (A9E0401-25)				**Matrix: Soil**			**Batch: 9050878**	
1,2,3-Trichloropropane	ND	---	0.0765	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0765	mg/kg dry	50	05/15/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0765	mg/kg dry	50	05/15/19	5035A/8260C	
Vinyl chloride	ND	---	0.0382	mg/kg dry	50	05/15/19	5035A/8260C	
m,p-Xylene	ND	---	0.0765	mg/kg dry	50	05/15/19	5035A/8260C	
o-Xylene	ND	---	0.0382	mg/kg dry	50	05/15/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*101 %*	*Limits: 80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*102 %*	*80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*101 %*	*80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
DP-8(8-9) (A9E0401-26)				**Matrix: Soil**			**Batch: 9050895**	
Acetone	ND	---	1.26	mg/kg dry	50	05/15/19	5035A/8260C	
Acrylonitrile	ND	---	0.126	mg/kg dry	50	05/15/19	5035A/8260C	
Benzene	ND	---	0.0126	mg/kg dry	50	05/15/19	5035A/8260C	
Bromobenzene	ND	---	0.0314	mg/kg dry	50	05/15/19	5035A/8260C	
Bromochloromethane	ND	---	0.0628	mg/kg dry	50	05/15/19	5035A/8260C	
Bromodichloromethane	ND	---	0.126	mg/kg dry	50	05/15/19	5035A/8260C	
Bromoform	ND	---	0.251	mg/kg dry	50	05/15/19	5035A/8260C	
Bromomethane	ND	---	0.628	mg/kg dry	50	05/15/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.628	mg/kg dry	50	05/15/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0628	mg/kg dry	50	05/15/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0628	mg/kg dry	50	05/15/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0628	mg/kg dry	50	05/15/19	5035A/8260C	
Carbon disulfide	ND	---	0.628	mg/kg dry	50	05/15/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.126	mg/kg dry	50	05/15/19	5035A/8260C	
Chlorobenzene	ND	---	0.0314	mg/kg dry	50	05/15/19	5035A/8260C	
Chloroethane	ND	---	0.628	mg/kg dry	50	05/15/19	5035A/8260C	
Chloroform	ND	---	0.0628	mg/kg dry	50	05/15/19	5035A/8260C	
Chloromethane	ND	---	0.314	mg/kg dry	50	05/15/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0628	mg/kg dry	50	05/15/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0628	mg/kg dry	50	05/15/19	5035A/8260C	
Dibromochloromethane	ND	---	0.126	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.314	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0628	mg/kg dry	50	05/15/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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Tigard, OR 97223
503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-8(8-9) (A9E0401-26)				**Matrix: Soil**			**Batch: 9050895**	
Dibromomethane	ND	---	0.0628	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0314	mg/kg dry	50	05/15/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0314	mg/kg dry	50	05/15/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0314	mg/kg dry	50	05/15/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.126	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0314	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0314	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0314	mg/kg dry	50	05/15/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0314	mg/kg dry	50	05/15/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0314	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0314	mg/kg dry	50	05/15/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0628	mg/kg dry	50	05/15/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0628	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0628	mg/kg dry	50	05/15/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0628	mg/kg dry	50	05/15/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0628	mg/kg dry	50	05/15/19	5035A/8260C	
Ethylbenzene	ND	---	0.0314	mg/kg dry	50	05/15/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.126	mg/kg dry	50	05/15/19	5035A/8260C	
2-Hexanone	ND	---	0.628	mg/kg dry	50	05/15/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0628	mg/kg dry	50	05/15/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0628	mg/kg dry	50	05/15/19	5035A/8260C	
Methylene chloride	ND	---	0.314	mg/kg dry	50	05/15/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.628	mg/kg dry	50	05/15/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0628	mg/kg dry	50	05/15/19	5035A/8260C	
Naphthalene	ND	---	0.126	mg/kg dry	50	05/15/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0314	mg/kg dry	50	05/15/19	5035A/8260C	
Styrene	ND	---	0.0628	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.126	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0628	mg/kg dry	50	05/15/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0314	mg/kg dry	50	05/15/19	5035A/8260C	
Toluene	ND	---	0.0628	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.314	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.314	mg/kg dry	50	05/15/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-8(8-9) (A9E0401-26)				**Matrix: Soil**			**Batch: 9050895**	
1,1,1-Trichloroethane	ND	---	0.0314	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0314	mg/kg dry	50	05/15/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0314	mg/kg dry	50	05/15/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.126	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0628	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0628	mg/kg dry	50	05/15/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0628	mg/kg dry	50	05/15/19	5035A/8260C	
Vinyl chloride	ND	---	0.0314	mg/kg dry	50	05/15/19	5035A/8260C	
m,p-Xylene	ND	---	0.0628	mg/kg dry	50	05/15/19	5035A/8260C	
o-Xylene	ND	---	0.0314	mg/kg dry	50	05/15/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*100 %*	*Limits: 80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*104 %*	*80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*101 %*	*80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
DP-8(11.5-12.5) (A9E0401-27)				**Matrix: Soil**			**Batch: 9050895**	
Acetone	ND	---	1.34	mg/kg dry	50	05/15/19	5035A/8260C	
Acrylonitrile	ND	---	0.134	mg/kg dry	50	05/15/19	5035A/8260C	
Benzene	ND	---	0.0134	mg/kg dry	50	05/15/19	5035A/8260C	
Bromobenzene	ND	---	0.0335	mg/kg dry	50	05/15/19	5035A/8260C	
Bromochloromethane	ND	---	0.0670	mg/kg dry	50	05/15/19	5035A/8260C	
Bromodichloromethane	ND	---	0.134	mg/kg dry	50	05/15/19	5035A/8260C	
Bromoform	ND	---	0.268	mg/kg dry	50	05/15/19	5035A/8260C	
Bromomethane	ND	---	0.670	mg/kg dry	50	05/15/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.670	mg/kg dry	50	05/15/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0670	mg/kg dry	50	05/15/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0670	mg/kg dry	50	05/15/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0670	mg/kg dry	50	05/15/19	5035A/8260C	
Carbon disulfide	ND	---	0.670	mg/kg dry	50	05/15/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.134	mg/kg dry	50	05/15/19	5035A/8260C	
Chlorobenzene	ND	---	0.0335	mg/kg dry	50	05/15/19	5035A/8260C	
Chloroethane	ND	---	0.670	mg/kg dry	50	05/15/19	5035A/8260C	
Chloroform	ND	---	0.0670	mg/kg dry	50	05/15/19	5035A/8260C	
Chloromethane	ND	---	0.335	mg/kg dry	50	05/15/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0670	mg/kg dry	50	05/15/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-8(11.5-12.5) (A9E0401-27)				**Matrix: Soil**			**Batch: 9050895**	
4-Chlorotoluene	ND	---	0.0670	mg/kg dry	50	05/15/19	5035A/8260C	
Dibromochloromethane	ND	---	0.134	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.335	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0670	mg/kg dry	50	05/15/19	5035A/8260C	
Dibromomethane	ND	---	0.0670	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0335	mg/kg dry	50	05/15/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0335	mg/kg dry	50	05/15/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0335	mg/kg dry	50	05/15/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.134	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0335	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0335	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0335	mg/kg dry	50	05/15/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0335	mg/kg dry	50	05/15/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0335	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0335	mg/kg dry	50	05/15/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0670	mg/kg dry	50	05/15/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0670	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0670	mg/kg dry	50	05/15/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0670	mg/kg dry	50	05/15/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0670	mg/kg dry	50	05/15/19	5035A/8260C	
Ethylbenzene	ND	---	0.0335	mg/kg dry	50	05/15/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.134	mg/kg dry	50	05/15/19	5035A/8260C	
2-Hexanone	ND	---	0.670	mg/kg dry	50	05/15/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0670	mg/kg dry	50	05/15/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0670	mg/kg dry	50	05/15/19	5035A/8260C	
Methylene chloride	ND	---	0.335	mg/kg dry	50	05/15/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.670	mg/kg dry	50	05/15/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0670	mg/kg dry	50	05/15/19	5035A/8260C	
Naphthalene	ND	---	0.134	mg/kg dry	50	05/15/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0335	mg/kg dry	50	05/15/19	5035A/8260C	
Styrene	ND	---	0.0670	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.134	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0670	mg/kg dry	50	05/15/19	5035A/8260C	

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-8(11.5-12.5) (A9E0401-27)				**Matrix: Soil**			**Batch: 9050895**	
Tetrachloroethene (PCE)	ND	---	0.0335	mg/kg dry	50	05/15/19	5035A/8260C	
Toluene	ND	---	0.0670	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.335	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.335	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0335	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0335	mg/kg dry	50	05/15/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0335	mg/kg dry	50	05/15/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.134	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0670	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0670	mg/kg dry	50	05/15/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0670	mg/kg dry	50	05/15/19	5035A/8260C	
Vinyl chloride	ND	---	0.0335	mg/kg dry	50	05/15/19	5035A/8260C	
m,p-Xylene	ND	---	0.0670	mg/kg dry	50	05/15/19	5035A/8260C	
o-Xylene	ND	---	0.0335	mg/kg dry	50	05/15/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*103 %*	*Limits: 80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*95 %*	*80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*105 %*	*80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
DP-9(1-2) (A9E0401-28)				**Matrix: Soil**			**Batch: 9050895**	
Acetone	ND	---	1.55	mg/kg dry	50	05/15/19	5035A/8260C	
Acrylonitrile	ND	---	0.155	mg/kg dry	50	05/15/19	5035A/8260C	
Benzene	ND	---	0.0155	mg/kg dry	50	05/15/19	5035A/8260C	
Bromobenzene	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
Bromochloromethane	ND	---	0.0773	mg/kg dry	50	05/15/19	5035A/8260C	
Bromodichloromethane	ND	---	0.155	mg/kg dry	50	05/15/19	5035A/8260C	
Bromoform	ND	---	0.309	mg/kg dry	50	05/15/19	5035A/8260C	
Bromomethane	ND	---	0.773	mg/kg dry	50	05/15/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.773	mg/kg dry	50	05/15/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0773	mg/kg dry	50	05/15/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0773	mg/kg dry	50	05/15/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0773	mg/kg dry	50	05/15/19	5035A/8260C	
Carbon disulfide	ND	---	0.773	mg/kg dry	50	05/15/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.155	mg/kg dry	50	05/15/19	5035A/8260C	
Chlorobenzene	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-9(1-2) (A9E0401-28)				**Matrix: Soil**			**Batch: 9050895**	
Chloroethane	ND	---	0.773	mg/kg dry	50	05/15/19	5035A/8260C	
Chloroform	ND	---	0.0773	mg/kg dry	50	05/15/19	5035A/8260C	
Chloromethane	ND	---	0.386	mg/kg dry	50	05/15/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0773	mg/kg dry	50	05/15/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0773	mg/kg dry	50	05/15/19	5035A/8260C	
Dibromochloromethane	ND	---	0.155	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.386	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0773	mg/kg dry	50	05/15/19	5035A/8260C	
Dibromomethane	ND	---	0.0773	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.155	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0773	mg/kg dry	50	05/15/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0773	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0773	mg/kg dry	50	05/15/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0773	mg/kg dry	50	05/15/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0773	mg/kg dry	50	05/15/19	5035A/8260C	
Ethylbenzene	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.155	mg/kg dry	50	05/15/19	5035A/8260C	
2-Hexanone	ND	---	0.773	mg/kg dry	50	05/15/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0773	mg/kg dry	50	05/15/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0773	mg/kg dry	50	05/15/19	5035A/8260C	
Methylene chloride	ND	---	0.386	mg/kg dry	50	05/15/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.773	mg/kg dry	50	05/15/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0773	mg/kg dry	50	05/15/19	5035A/8260C	
Naphthalene	ND	---	0.155	mg/kg dry	50	05/15/19	5035A/8260C	

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Philip Nerenberg, Lab Director

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-9(1-2) (A9E0401-28)				**Matrix: Soil**			**Batch: 9050895**	
n-Propylbenzene	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
Styrene	ND	---	0.0773	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.155	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0773	mg/kg dry	50	05/15/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
Toluene	ND	---	0.0773	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.386	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.386	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.155	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0773	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0773	mg/kg dry	50	05/15/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0773	mg/kg dry	50	05/15/19	5035A/8260C	
Vinyl chloride	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
m,p-Xylene	ND	---	0.0773	mg/kg dry	50	05/15/19	5035A/8260C	
o-Xylene	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*101 %*	*Limits: 80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*97 %*	*80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*104 %*	*80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
DP-9(8-9) (A9E0401-29)				**Matrix: Soil**			**Batch: 9050895**	
Acetone	ND	---	1.54	mg/kg dry	50	05/15/19	5035A/8260C	
Acrylonitrile	ND	---	0.154	mg/kg dry	50	05/15/19	5035A/8260C	
Benzene	ND	---	0.0154	mg/kg dry	50	05/15/19	5035A/8260C	
Bromobenzene	ND	---	0.0385	mg/kg dry	50	05/15/19	5035A/8260C	
Bromochloromethane	ND	---	0.0770	mg/kg dry	50	05/15/19	5035A/8260C	
Bromodichloromethane	ND	---	0.154	mg/kg dry	50	05/15/19	5035A/8260C	
Bromoform	ND	---	0.308	mg/kg dry	50	05/15/19	5035A/8260C	
Bromomethane	ND	---	0.770	mg/kg dry	50	05/15/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.770	mg/kg dry	50	05/15/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0770	mg/kg dry	50	05/15/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0770	mg/kg dry	50	05/15/19	5035A/8260C	

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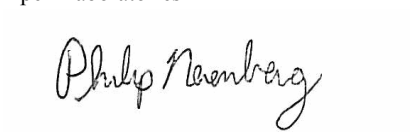

Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-9(8-9) (A9E0401-29)				**Matrix: Soil**			**Batch: 9050895**	
tert-Butylbenzene	ND	---	0.0770	mg/kg dry	50	05/15/19	5035A/8260C	
Carbon disulfide	ND	---	0.770	mg/kg dry	50	05/15/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.154	mg/kg dry	50	05/15/19	5035A/8260C	
Chlorobenzene	ND	---	0.0385	mg/kg dry	50	05/15/19	5035A/8260C	
Chloroethane	ND	---	0.770	mg/kg dry	50	05/15/19	5035A/8260C	
Chloroform	ND	---	0.0770	mg/kg dry	50	05/15/19	5035A/8260C	
Chloromethane	ND	---	0.385	mg/kg dry	50	05/15/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0770	mg/kg dry	50	05/15/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0770	mg/kg dry	50	05/15/19	5035A/8260C	
Dibromochloromethane	ND	---	0.154	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.385	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0770	mg/kg dry	50	05/15/19	5035A/8260C	
Dibromomethane	ND	---	0.0770	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0385	mg/kg dry	50	05/15/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0385	mg/kg dry	50	05/15/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0385	mg/kg dry	50	05/15/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.154	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0385	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0385	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0385	mg/kg dry	50	05/15/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0385	mg/kg dry	50	05/15/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0385	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0385	mg/kg dry	50	05/15/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0770	mg/kg dry	50	05/15/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0770	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0770	mg/kg dry	50	05/15/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0770	mg/kg dry	50	05/15/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0770	mg/kg dry	50	05/15/19	5035A/8260C	
Ethylbenzene	ND	---	0.0385	mg/kg dry	50	05/15/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.154	mg/kg dry	50	05/15/19	5035A/8260C	
2-Hexanone	ND	---	0.770	mg/kg dry	50	05/15/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0770	mg/kg dry	50	05/15/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0770	mg/kg dry	50	05/15/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-9(8-9) (A9E0401-29)				**Matrix: Soil**			**Batch: 9050895**	
Methylene chloride	ND	---	0.385	mg/kg dry	50	05/15/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.770	mg/kg dry	50	05/15/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0770	mg/kg dry	50	05/15/19	5035A/8260C	
Naphthalene	ND	---	0.154	mg/kg dry	50	05/15/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0385	mg/kg dry	50	05/15/19	5035A/8260C	
Styrene	ND	---	0.0770	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.154	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0770	mg/kg dry	50	05/15/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0385	mg/kg dry	50	05/15/19	5035A/8260C	
Toluene	ND	---	0.0770	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.385	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.385	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0385	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0385	mg/kg dry	50	05/15/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0385	mg/kg dry	50	05/15/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.154	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0770	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0770	mg/kg dry	50	05/15/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0770	mg/kg dry	50	05/15/19	5035A/8260C	
Vinyl chloride	ND	---	0.0385	mg/kg dry	50	05/15/19	5035A/8260C	
m,p-Xylene	ND	---	0.0770	mg/kg dry	50	05/15/19	5035A/8260C	
o-Xylene	ND	---	0.0385	mg/kg dry	50	05/15/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*99 %*	*Limits: 80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*98 %*	*80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*105 %*	*80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
DP-10(2-3) (A9E0401-31)				**Matrix: Soil**			**Batch: 9050895**	
Acetone	ND	---	1.32	mg/kg dry	50	05/15/19	5035A/8260C	
Acrylonitrile	ND	---	0.132	mg/kg dry	50	05/15/19	5035A/8260C	
Benzene	ND	---	0.0132	mg/kg dry	50	05/15/19	5035A/8260C	
Bromobenzene	ND	---	0.0330	mg/kg dry	50	05/15/19	5035A/8260C	
Bromochloromethane	ND	---	0.0659	mg/kg dry	50	05/15/19	5035A/8260C	
Bromodichloromethane	ND	---	0.132	mg/kg dry	50	05/15/19	5035A/8260C	
Bromoform	ND	---	0.264	mg/kg dry	50	05/15/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-10(2-3) (A9E0401-31)				**Matrix: Soil**			**Batch: 9050895**	
Bromomethane	ND	---	0.659	mg/kg dry	50	05/15/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.659	mg/kg dry	50	05/15/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0659	mg/kg dry	50	05/15/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0659	mg/kg dry	50	05/15/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0659	mg/kg dry	50	05/15/19	5035A/8260C	
Carbon disulfide	ND	---	0.659	mg/kg dry	50	05/15/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.132	mg/kg dry	50	05/15/19	5035A/8260C	
Chlorobenzene	ND	---	0.0330	mg/kg dry	50	05/15/19	5035A/8260C	
Chloroethane	ND	---	0.659	mg/kg dry	50	05/15/19	5035A/8260C	
Chloroform	ND	---	0.0659	mg/kg dry	50	05/15/19	5035A/8260C	
Chloromethane	ND	---	0.330	mg/kg dry	50	05/15/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0659	mg/kg dry	50	05/15/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0659	mg/kg dry	50	05/15/19	5035A/8260C	
Dibromochloromethane	ND	---	0.132	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.330	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0659	mg/kg dry	50	05/15/19	5035A/8260C	
Dibromomethane	ND	---	0.0659	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0330	mg/kg dry	50	05/15/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0330	mg/kg dry	50	05/15/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0330	mg/kg dry	50	05/15/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.132	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0330	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0330	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0330	mg/kg dry	50	05/15/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0330	mg/kg dry	50	05/15/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0330	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0330	mg/kg dry	50	05/15/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0659	mg/kg dry	50	05/15/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0659	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0659	mg/kg dry	50	05/15/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0659	mg/kg dry	50	05/15/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0659	mg/kg dry	50	05/15/19	5035A/8260C	
Ethylbenzene	ND	---	0.0330	mg/kg dry	50	05/15/19	5035A/8260C	

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-10(2-3) (A9E0401-31)				**Matrix: Soil**			**Batch: 9050895**	
Hexachlorobutadiene	ND	---	0.132	mg/kg dry	50	05/15/19	5035A/8260C	
2-Hexanone	ND	---	0.659	mg/kg dry	50	05/15/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0659	mg/kg dry	50	05/15/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0659	mg/kg dry	50	05/15/19	5035A/8260C	
Methylene chloride	ND	---	0.330	mg/kg dry	50	05/15/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.659	mg/kg dry	50	05/15/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0659	mg/kg dry	50	05/15/19	5035A/8260C	
Naphthalene	ND	---	0.132	mg/kg dry	50	05/15/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0330	mg/kg dry	50	05/15/19	5035A/8260C	
Styrene	ND	---	0.0659	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.132	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0659	mg/kg dry	50	05/15/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0330	mg/kg dry	50	05/15/19	5035A/8260C	
Toluene	ND	---	0.0659	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.330	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.330	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0330	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0330	mg/kg dry	50	05/15/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0330	mg/kg dry	50	05/15/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.132	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0659	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0659	mg/kg dry	50	05/15/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0659	mg/kg dry	50	05/15/19	5035A/8260C	
Vinyl chloride	ND	---	0.0330	mg/kg dry	50	05/15/19	5035A/8260C	
m,p-Xylene	ND	---	0.0659	mg/kg dry	50	05/15/19	5035A/8260C	
o-Xylene	ND	---	0.0330	mg/kg dry	50	05/15/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*100 %*	*Limits:* *80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*104 %*	*80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*102 %*	*80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
DP-10(13-14) (A9E0401-33)				**Matrix: Soil**			**Batch: 9050895**	
Acetone	ND	---	1.54	mg/kg dry	50	05/15/19	5035A/8260C	
Acrylonitrile	ND	---	0.154	mg/kg dry	50	05/15/19	5035A/8260C	
Benzene	ND	---	0.0154	mg/kg dry	50	05/15/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-10(13-14) (A9E0401-33)				**Matrix: Soil**			**Batch: 9050895**	
Bromobenzene	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
Bromochloromethane	ND	---	0.0772	mg/kg dry	50	05/15/19	5035A/8260C	
Bromodichloromethane	ND	---	0.154	mg/kg dry	50	05/15/19	5035A/8260C	
Bromoform	ND	---	0.309	mg/kg dry	50	05/15/19	5035A/8260C	
Bromomethane	ND	---	0.772	mg/kg dry	50	05/15/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.772	mg/kg dry	50	05/15/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0772	mg/kg dry	50	05/15/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0772	mg/kg dry	50	05/15/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0772	mg/kg dry	50	05/15/19	5035A/8260C	
Carbon disulfide	ND	---	0.772	mg/kg dry	50	05/15/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.154	mg/kg dry	50	05/15/19	5035A/8260C	
Chlorobenzene	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
Chloroethane	ND	---	0.772	mg/kg dry	50	05/15/19	5035A/8260C	
Chloroform	ND	---	0.0772	mg/kg dry	50	05/15/19	5035A/8260C	
Chloromethane	ND	---	0.386	mg/kg dry	50	05/15/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0772	mg/kg dry	50	05/15/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0772	mg/kg dry	50	05/15/19	5035A/8260C	
Dibromochloromethane	ND	---	0.154	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.386	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0772	mg/kg dry	50	05/15/19	5035A/8260C	
Dibromomethane	ND	---	0.0772	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.154	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0772	mg/kg dry	50	05/15/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0772	mg/kg dry	50	05/15/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-10(13-14) (A9E0401-33)				**Matrix: Soil**			**Batch: 9050895**	
1,1-Dichloropropene	ND	---	0.0772	mg/kg dry	50	05/15/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0772	mg/kg dry	50	05/15/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0772	mg/kg dry	50	05/15/19	5035A/8260C	
Ethylbenzene	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.154	mg/kg dry	50	05/15/19	5035A/8260C	
2-Hexanone	ND	---	0.772	mg/kg dry	50	05/15/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0772	mg/kg dry	50	05/15/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0772	mg/kg dry	50	05/15/19	5035A/8260C	
Methylene chloride	ND	---	0.386	mg/kg dry	50	05/15/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.772	mg/kg dry	50	05/15/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0772	mg/kg dry	50	05/15/19	5035A/8260C	
Naphthalene	ND	---	0.154	mg/kg dry	50	05/15/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
Styrene	ND	---	0.0772	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.154	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0772	mg/kg dry	50	05/15/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
Toluene	ND	---	0.0772	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.386	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.386	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.154	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0772	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0772	mg/kg dry	50	05/15/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0772	mg/kg dry	50	05/15/19	5035A/8260C	
Vinyl chloride	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
m,p-Xylene	ND	---	0.0772	mg/kg dry	50	05/15/19	5035A/8260C	
o-Xylene	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*101 %*	*Limits: 80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*97 %*	*80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*106 %*	*80-120 %*	*1*	*05/15/19*	*5035A/8260C*	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-11(3-4) (A9E0401-34)				**Matrix: Soil**			**Batch: 9050895**	
Acetone	ND	---	1.45	mg/kg dry	50	05/15/19	5035A/8260C	
Acrylonitrile	ND	---	0.145	mg/kg dry	50	05/15/19	5035A/8260C	
Benzene	ND	---	0.0145	mg/kg dry	50	05/15/19	5035A/8260C	
Bromobenzene	ND	---	0.0362	mg/kg dry	50	05/15/19	5035A/8260C	
Bromochloromethane	ND	---	0.0723	mg/kg dry	50	05/15/19	5035A/8260C	
Bromodichloromethane	ND	---	0.145	mg/kg dry	50	05/15/19	5035A/8260C	
Bromoform	ND	---	0.289	mg/kg dry	50	05/15/19	5035A/8260C	
Bromomethane	ND	---	0.723	mg/kg dry	50	05/15/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.723	mg/kg dry	50	05/15/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0723	mg/kg dry	50	05/15/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0723	mg/kg dry	50	05/15/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0723	mg/kg dry	50	05/15/19	5035A/8260C	
Carbon disulfide	ND	---	0.723	mg/kg dry	50	05/15/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.145	mg/kg dry	50	05/15/19	5035A/8260C	
Chlorobenzene	ND	---	0.0362	mg/kg dry	50	05/15/19	5035A/8260C	
Chloroethane	ND	---	0.723	mg/kg dry	50	05/15/19	5035A/8260C	
Chloroform	ND	---	0.0723	mg/kg dry	50	05/15/19	5035A/8260C	
Chloromethane	ND	---	0.362	mg/kg dry	50	05/15/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0723	mg/kg dry	50	05/15/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0723	mg/kg dry	50	05/15/19	5035A/8260C	
Dibromochloromethane	ND	---	0.145	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.362	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0723	mg/kg dry	50	05/15/19	5035A/8260C	
Dibromomethane	ND	---	0.0723	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0362	mg/kg dry	50	05/15/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0362	mg/kg dry	50	05/15/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0362	mg/kg dry	50	05/15/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.145	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0362	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0362	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0362	mg/kg dry	50	05/15/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0362	mg/kg dry	50	05/15/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0362	mg/kg dry	50	05/15/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-11(3-4) (A9E0401-34)				**Matrix: Soil**			**Batch: 9050895**	
1,2-Dichloropropane	ND	---	0.0362	mg/kg dry	50	05/15/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0723	mg/kg dry	50	05/15/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0723	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0723	mg/kg dry	50	05/15/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0723	mg/kg dry	50	05/15/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0723	mg/kg dry	50	05/15/19	5035A/8260C	
Ethylbenzene	ND	---	0.0362	mg/kg dry	50	05/15/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.145	mg/kg dry	50	05/15/19	5035A/8260C	
2-Hexanone	ND	---	0.723	mg/kg dry	50	05/15/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0723	mg/kg dry	50	05/15/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0723	mg/kg dry	50	05/15/19	5035A/8260C	
Methylene chloride	ND	---	0.362	mg/kg dry	50	05/15/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.723	mg/kg dry	50	05/15/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0723	mg/kg dry	50	05/15/19	5035A/8260C	
Naphthalene	ND	---	0.145	mg/kg dry	50	05/15/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0362	mg/kg dry	50	05/15/19	5035A/8260C	
Styrene	ND	---	0.0723	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.145	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0723	mg/kg dry	50	05/15/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0362	mg/kg dry	50	05/15/19	5035A/8260C	
Toluene	ND	---	0.0723	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.362	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.362	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0362	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0362	mg/kg dry	50	05/15/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0362	mg/kg dry	50	05/15/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.145	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0723	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0723	mg/kg dry	50	05/15/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0723	mg/kg dry	50	05/15/19	5035A/8260C	
Vinyl chloride	ND	---	0.0362	mg/kg dry	50	05/15/19	5035A/8260C	
m,p-Xylene	ND	---	0.0723	mg/kg dry	50	05/15/19	5035A/8260C	
o-Xylene	ND	---	0.0362	mg/kg dry	50	05/15/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-11(3-4) (A9E0401-34)				**Matrix: Soil**			**Batch: 9050895**	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*104 %*	*Limits: 80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*95 %*	*80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*104 %*	*80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
DP-11(10-11) (A9E0401-36)				**Matrix: Soil**			**Batch: 9051023**	
Acetone	ND	---	1.16	mg/kg dry	50	05/18/19	5035A/8260C	
Acrylonitrile	ND	---	0.116	mg/kg dry	50	05/18/19	5035A/8260C	
Benzene	ND	---	0.0116	mg/kg dry	50	05/18/19	5035A/8260C	
Bromobenzene	ND	---	0.0289	mg/kg dry	50	05/18/19	5035A/8260C	
Bromochloromethane	ND	---	0.0578	mg/kg dry	50	05/18/19	5035A/8260C	
Bromodichloromethane	ND	---	0.116	mg/kg dry	50	05/18/19	5035A/8260C	
Bromoform	ND	---	0.231	mg/kg dry	50	05/18/19	5035A/8260C	
Bromomethane	ND	---	0.578	mg/kg dry	50	05/18/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.578	mg/kg dry	50	05/18/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0578	mg/kg dry	50	05/18/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0578	mg/kg dry	50	05/18/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0578	mg/kg dry	50	05/18/19	5035A/8260C	
Carbon disulfide	ND	---	0.578	mg/kg dry	50	05/18/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.116	mg/kg dry	50	05/18/19	5035A/8260C	
Chlorobenzene	ND	---	0.0289	mg/kg dry	50	05/18/19	5035A/8260C	
Chloroethane	ND	---	0.578	mg/kg dry	50	05/18/19	5035A/8260C	
Chloroform	ND	---	0.0578	mg/kg dry	50	05/18/19	5035A/8260C	
Chloromethane	ND	---	0.289	mg/kg dry	50	05/18/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0578	mg/kg dry	50	05/18/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0578	mg/kg dry	50	05/18/19	5035A/8260C	
Dibromochloromethane	ND	---	0.116	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.289	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0578	mg/kg dry	50	05/18/19	5035A/8260C	
Dibromomethane	ND	---	0.0578	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0289	mg/kg dry	50	05/18/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0289	mg/kg dry	50	05/18/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0289	mg/kg dry	50	05/18/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.116	mg/kg dry	50	05/18/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0289	mg/kg dry	50	05/18/19	5035A/8260C	

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Philip Nerenberg, Lab Director

Apex Laboratories, LLC

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Tigard, OR 97223
503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-11(10-11) (A9E0401-36)				**Matrix: Soil**			**Batch: 9051023**	
1,2-Dichloroethane (EDC)	ND	---	0.0289	mg/kg dry	50	05/18/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0289	mg/kg dry	50	05/18/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0289	mg/kg dry	50	05/18/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0289	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0289	mg/kg dry	50	05/18/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0578	mg/kg dry	50	05/18/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0578	mg/kg dry	50	05/18/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0578	mg/kg dry	50	05/18/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0578	mg/kg dry	50	05/18/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0578	mg/kg dry	50	05/18/19	5035A/8260C	
Ethylbenzene	ND	---	0.0289	mg/kg dry	50	05/18/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.116	mg/kg dry	50	05/18/19	5035A/8260C	
2-Hexanone	ND	---	0.578	mg/kg dry	50	05/18/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0578	mg/kg dry	50	05/18/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0578	mg/kg dry	50	05/18/19	5035A/8260C	
Methylene chloride	ND	---	0.289	mg/kg dry	50	05/18/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.578	mg/kg dry	50	05/18/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0578	mg/kg dry	50	05/18/19	5035A/8260C	
Naphthalene	ND	---	0.116	mg/kg dry	50	05/18/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0289	mg/kg dry	50	05/18/19	5035A/8260C	
Styrene	ND	---	0.0578	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.116	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0578	mg/kg dry	50	05/18/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0289	mg/kg dry	50	05/18/19	5035A/8260C	
Toluene	ND	---	0.0578	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.289	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.289	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0289	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0289	mg/kg dry	50	05/18/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0289	mg/kg dry	50	05/18/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.116	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0578	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0578	mg/kg dry	50	05/18/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-11(10-11) (A9E0401-36)				**Matrix: Soil**			**Batch: 9051023**	
1,3,5-Trimethylbenzene	ND	---	0.0578	mg/kg dry	50	05/18/19	5035A/8260C	
Vinyl chloride	ND	---	0.0289	mg/kg dry	50	05/18/19	5035A/8260C	
m,p-Xylene	ND	---	0.0578	mg/kg dry	50	05/18/19	5035A/8260C	
o-Xylene	ND	---	0.0289	mg/kg dry	50	05/18/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*106 %*	*Limits: 80-120 %*	*1*	*05/18/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*93 %*	*80-120 %*	*1*	*05/18/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*106 %*	*80-120 %*	*1*	*05/18/19*	*5035A/8260C*	
DP-11(18-19) (A9E0401-37)				**Matrix: Soil**			**Batch: 9051023**	
Acetone	ND	---	1.54	mg/kg dry	50	05/18/19	5035A/8260C	
Acrylonitrile	ND	---	0.154	mg/kg dry	50	05/18/19	5035A/8260C	
Benzene	ND	---	0.0154	mg/kg dry	50	05/18/19	5035A/8260C	
Bromobenzene	ND	---	0.0385	mg/kg dry	50	05/18/19	5035A/8260C	
Bromochloromethane	ND	---	0.0771	mg/kg dry	50	05/18/19	5035A/8260C	
Bromodichloromethane	ND	---	0.154	mg/kg dry	50	05/18/19	5035A/8260C	
Bromoform	ND	---	0.308	mg/kg dry	50	05/18/19	5035A/8260C	
Bromomethane	ND	---	0.771	mg/kg dry	50	05/18/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.771	mg/kg dry	50	05/18/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0771	mg/kg dry	50	05/18/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0771	mg/kg dry	50	05/18/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0771	mg/kg dry	50	05/18/19	5035A/8260C	
Carbon disulfide	ND	---	0.771	mg/kg dry	50	05/18/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.154	mg/kg dry	50	05/18/19	5035A/8260C	
Chlorobenzene	ND	---	0.0385	mg/kg dry	50	05/18/19	5035A/8260C	
Chloroethane	ND	---	0.771	mg/kg dry	50	05/18/19	5035A/8260C	
Chloroform	ND	---	0.0771	mg/kg dry	50	05/18/19	5035A/8260C	
Chloromethane	ND	---	0.385	mg/kg dry	50	05/18/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0771	mg/kg dry	50	05/18/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0771	mg/kg dry	50	05/18/19	5035A/8260C	
Dibromochloromethane	ND	---	0.154	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.385	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0771	mg/kg dry	50	05/18/19	5035A/8260C	
Dibromomethane	ND	---	0.0771	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0385	mg/kg dry	50	05/18/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-11(18-19) (A9E0401-37)				**Matrix: Soil**			**Batch: 9051023**	
1,3-Dichlorobenzene	ND	---	0.0385	mg/kg dry	50	05/18/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0385	mg/kg dry	50	05/18/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.154	mg/kg dry	50	05/18/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0385	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0385	mg/kg dry	50	05/18/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0385	mg/kg dry	50	05/18/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0385	mg/kg dry	50	05/18/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0385	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0385	mg/kg dry	50	05/18/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0771	mg/kg dry	50	05/18/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0771	mg/kg dry	50	05/18/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0771	mg/kg dry	50	05/18/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0771	mg/kg dry	50	05/18/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0771	mg/kg dry	50	05/18/19	5035A/8260C	
Ethylbenzene	ND	---	0.0385	mg/kg dry	50	05/18/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.154	mg/kg dry	50	05/18/19	5035A/8260C	
2-Hexanone	ND	---	0.771	mg/kg dry	50	05/18/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0771	mg/kg dry	50	05/18/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0771	mg/kg dry	50	05/18/19	5035A/8260C	
Methylene chloride	ND	---	0.385	mg/kg dry	50	05/18/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.771	mg/kg dry	50	05/18/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0771	mg/kg dry	50	05/18/19	5035A/8260C	
Naphthalene	ND	---	0.154	mg/kg dry	50	05/18/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0385	mg/kg dry	50	05/18/19	5035A/8260C	
Styrene	ND	---	0.0771	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.154	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0771	mg/kg dry	50	05/18/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0385	mg/kg dry	50	05/18/19	5035A/8260C	
Toluene	ND	---	0.0771	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.385	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.385	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0385	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0385	mg/kg dry	50	05/18/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-11(18-19) (A9E0401-37)				**Matrix: Soil**			**Batch: 9051023**	
Trichloroethene (TCE)	ND	---	0.0385	mg/kg dry	50	05/18/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.154	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0771	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0771	mg/kg dry	50	05/18/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0771	mg/kg dry	50	05/18/19	5035A/8260C	
Vinyl chloride	ND	---	0.0385	mg/kg dry	50	05/18/19	5035A/8260C	
m,p-Xylene	ND	---	0.0771	mg/kg dry	50	05/18/19	5035A/8260C	
o-Xylene	ND	---	0.0385	mg/kg dry	50	05/18/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*104 %*	*Limits: 80-120 %*	*1*	*05/18/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*96 %*	*80-120 %*	*1*	*05/18/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*102 %*	*80-120 %*	*1*	*05/18/19*	*5035A/8260C*	
DP-12(1-12) (A9E0401-38)				**Matrix: Soil**			**Batch: 9051023**	
Acetone	ND	---	1.69	mg/kg dry	50	05/18/19	5035A/8260C	
Acrylonitrile	ND	---	0.169	mg/kg dry	50	05/18/19	5035A/8260C	
Benzene	ND	---	0.0169	mg/kg dry	50	05/18/19	5035A/8260C	
Bromobenzene	ND	---	0.0421	mg/kg dry	50	05/18/19	5035A/8260C	
Bromochloromethane	ND	---	0.0843	mg/kg dry	50	05/18/19	5035A/8260C	
Bromodichloromethane	ND	---	0.169	mg/kg dry	50	05/18/19	5035A/8260C	
Bromoform	ND	---	0.337	mg/kg dry	50	05/18/19	5035A/8260C	
Bromomethane	ND	---	0.843	mg/kg dry	50	05/18/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.843	mg/kg dry	50	05/18/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0843	mg/kg dry	50	05/18/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0843	mg/kg dry	50	05/18/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0843	mg/kg dry	50	05/18/19	5035A/8260C	
Carbon disulfide	ND	---	0.843	mg/kg dry	50	05/18/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.169	mg/kg dry	50	05/18/19	5035A/8260C	
Chlorobenzene	ND	---	0.0421	mg/kg dry	50	05/18/19	5035A/8260C	
Chloroethane	ND	---	0.843	mg/kg dry	50	05/18/19	5035A/8260C	
Chloroform	ND	---	0.0843	mg/kg dry	50	05/18/19	5035A/8260C	
Chloromethane	ND	---	0.421	mg/kg dry	50	05/18/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0843	mg/kg dry	50	05/18/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0843	mg/kg dry	50	05/18/19	5035A/8260C	
Dibromochloromethane	ND	---	0.169	mg/kg dry	50	05/18/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-12(1-12) (A9E0401-38)				**Matrix: Soil**			**Batch: 9051023**	
1,2-Dibromo-3-chloropropane	ND	---	0.421	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0843	mg/kg dry	50	05/18/19	5035A/8260C	
Dibromomethane	ND	---	0.0843	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0421	mg/kg dry	50	05/18/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0421	mg/kg dry	50	05/18/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0421	mg/kg dry	50	05/18/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.169	mg/kg dry	50	05/18/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0421	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0421	mg/kg dry	50	05/18/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0421	mg/kg dry	50	05/18/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0421	mg/kg dry	50	05/18/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0421	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0421	mg/kg dry	50	05/18/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0843	mg/kg dry	50	05/18/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0843	mg/kg dry	50	05/18/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0843	mg/kg dry	50	05/18/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0843	mg/kg dry	50	05/18/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0843	mg/kg dry	50	05/18/19	5035A/8260C	
Ethylbenzene	ND	---	0.0421	mg/kg dry	50	05/18/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.169	mg/kg dry	50	05/18/19	5035A/8260C	
2-Hexanone	ND	---	0.843	mg/kg dry	50	05/18/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0843	mg/kg dry	50	05/18/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0843	mg/kg dry	50	05/18/19	5035A/8260C	
Methylene chloride	ND	---	0.421	mg/kg dry	50	05/18/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.843	mg/kg dry	50	05/18/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0843	mg/kg dry	50	05/18/19	5035A/8260C	
Naphthalene	ND	---	0.169	mg/kg dry	50	05/18/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0421	mg/kg dry	50	05/18/19	5035A/8260C	
Styrene	ND	---	0.0843	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.169	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0843	mg/kg dry	50	05/18/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0421	mg/kg dry	50	05/18/19	5035A/8260C	
Toluene	ND	---	0.0843	mg/kg dry	50	05/18/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-12(1-12) (A9E0401-38)				**Matrix: Soil**			**Batch: 9051023**	
1,2,3-Trichlorobenzene	ND	---	0.421	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.421	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0421	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0421	mg/kg dry	50	05/18/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0421	mg/kg dry	50	05/18/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.169	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0843	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0843	mg/kg dry	50	05/18/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0843	mg/kg dry	50	05/18/19	5035A/8260C	
Vinyl chloride	ND	---	0.0421	mg/kg dry	50	05/18/19	5035A/8260C	
m,p-Xylene	ND	---	0.0843	mg/kg dry	50	05/18/19	5035A/8260C	
o-Xylene	ND	---	0.0421	mg/kg dry	50	05/18/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*106 %*	*Limits: 80-120 %*	*1*	*05/18/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*94 %*	*80-120 %*	*1*	*05/18/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*104 %*	*80-120 %*	*1*	*05/18/19*	*5035A/8260C*	
DP-12(12-13) (A9E0401-40)				**Matrix: Soil**			**Batch: 9051023**	
Acetone	ND	---	1.32	mg/kg dry	50	05/18/19	5035A/8260C	
Acrylonitrile	ND	---	0.132	mg/kg dry	50	05/18/19	5035A/8260C	
Benzene	ND	---	0.0132	mg/kg dry	50	05/18/19	5035A/8260C	
Bromobenzene	ND	---	0.0330	mg/kg dry	50	05/18/19	5035A/8260C	
Bromochloromethane	ND	---	0.0661	mg/kg dry	50	05/18/19	5035A/8260C	
Bromodichloromethane	ND	---	0.132	mg/kg dry	50	05/18/19	5035A/8260C	
Bromoform	ND	---	0.264	mg/kg dry	50	05/18/19	5035A/8260C	
Bromomethane	ND	---	0.661	mg/kg dry	50	05/18/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.661	mg/kg dry	50	05/18/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0661	mg/kg dry	50	05/18/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0661	mg/kg dry	50	05/18/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0661	mg/kg dry	50	05/18/19	5035A/8260C	
Carbon disulfide	ND	---	0.661	mg/kg dry	50	05/18/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.132	mg/kg dry	50	05/18/19	5035A/8260C	
Chlorobenzene	ND	---	0.0330	mg/kg dry	50	05/18/19	5035A/8260C	
Chloroethane	ND	---	0.661	mg/kg dry	50	05/18/19	5035A/8260C	
Chloroform	ND	---	0.0661	mg/kg dry	50	05/18/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-12(12-13) (A9E0401-40)				**Matrix: Soil**			**Batch: 9051023**	
Chloromethane	ND	---	0.330	mg/kg dry	50	05/18/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0661	mg/kg dry	50	05/18/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0661	mg/kg dry	50	05/18/19	5035A/8260C	
Dibromochloromethane	ND	---	0.132	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.330	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0661	mg/kg dry	50	05/18/19	5035A/8260C	
Dibromomethane	ND	---	0.0661	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0330	mg/kg dry	50	05/18/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0330	mg/kg dry	50	05/18/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0330	mg/kg dry	50	05/18/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.132	mg/kg dry	50	05/18/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0330	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0330	mg/kg dry	50	05/18/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0330	mg/kg dry	50	05/18/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0330	mg/kg dry	50	05/18/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0330	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0330	mg/kg dry	50	05/18/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0661	mg/kg dry	50	05/18/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0661	mg/kg dry	50	05/18/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0661	mg/kg dry	50	05/18/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0661	mg/kg dry	50	05/18/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0661	mg/kg dry	50	05/18/19	5035A/8260C	
Ethylbenzene	ND	---	0.0330	mg/kg dry	50	05/18/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.132	mg/kg dry	50	05/18/19	5035A/8260C	
2-Hexanone	ND	---	0.661	mg/kg dry	50	05/18/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0661	mg/kg dry	50	05/18/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0661	mg/kg dry	50	05/18/19	5035A/8260C	
Methylene chloride	ND	---	0.330	mg/kg dry	50	05/18/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.661	mg/kg dry	50	05/18/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0661	mg/kg dry	50	05/18/19	5035A/8260C	
Naphthalene	ND	---	0.132	mg/kg dry	50	05/18/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0330	mg/kg dry	50	05/18/19	5035A/8260C	
Styrene	ND	---	0.0661	mg/kg dry	50	05/18/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-12(12-13) (A9E0401-40)				**Matrix: Soil**			**Batch: 9051023**	
1,1,1,2-Tetrachloroethane	ND	---	0.132	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0661	mg/kg dry	50	05/18/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0330	mg/kg dry	50	05/18/19	5035A/8260C	
Toluene	ND	---	0.0661	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.330	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.330	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0330	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0330	mg/kg dry	50	05/18/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0330	mg/kg dry	50	05/18/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.132	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0661	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0661	mg/kg dry	50	05/18/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0661	mg/kg dry	50	05/18/19	5035A/8260C	
Vinyl chloride	ND	---	0.0330	mg/kg dry	50	05/18/19	5035A/8260C	
m,p-Xylene	ND	---	0.0661	mg/kg dry	50	05/18/19	5035A/8260C	
o-Xylene	ND	---	0.0330	mg/kg dry	50	05/18/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*106 %*	*Limits: 80-120 %*	*1*	*05/18/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*96 %*	*80-120 %*	*1*	*05/18/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*103 %*	*80-120 %*	*1*	*05/18/19*	*5035A/8260C*	
DP-12(16-17) (A9E0401-41)				**Matrix: Soil**			**Batch: 9051023**	
Acetone	ND	---	1.33	mg/kg dry	50	05/18/19	5035A/8260C	
Acrylonitrile	ND	---	0.133	mg/kg dry	50	05/18/19	5035A/8260C	
Benzene	ND	---	0.0133	mg/kg dry	50	05/18/19	5035A/8260C	
Bromobenzene	ND	---	0.0332	mg/kg dry	50	05/18/19	5035A/8260C	
Bromochloromethane	ND	---	0.0663	mg/kg dry	50	05/18/19	5035A/8260C	
Bromodichloromethane	ND	---	0.133	mg/kg dry	50	05/18/19	5035A/8260C	
Bromoform	ND	---	0.265	mg/kg dry	50	05/18/19	5035A/8260C	
Bromomethane	ND	---	0.663	mg/kg dry	50	05/18/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.663	mg/kg dry	50	05/18/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0663	mg/kg dry	50	05/18/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0663	mg/kg dry	50	05/18/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0663	mg/kg dry	50	05/18/19	5035A/8260C	
Carbon disulfide	ND	---	0.663	mg/kg dry	50	05/18/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-12(16-17) (A9E0401-41)				**Matrix: Soil**			**Batch: 9051023**	
Carbon tetrachloride	ND	---	0.133	mg/kg dry	50	05/18/19	5035A/8260C	
Chlorobenzene	ND	---	0.0332	mg/kg dry	50	05/18/19	5035A/8260C	
Chloroethane	ND	---	0.663	mg/kg dry	50	05/18/19	5035A/8260C	
Chloroform	ND	---	0.0663	mg/kg dry	50	05/18/19	5035A/8260C	
Chloromethane	ND	---	0.332	mg/kg dry	50	05/18/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0663	mg/kg dry	50	05/18/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0663	mg/kg dry	50	05/18/19	5035A/8260C	
Dibromochloromethane	ND	---	0.133	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.332	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0663	mg/kg dry	50	05/18/19	5035A/8260C	
Dibromomethane	ND	---	0.0663	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0332	mg/kg dry	50	05/18/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0332	mg/kg dry	50	05/18/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0332	mg/kg dry	50	05/18/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.133	mg/kg dry	50	05/18/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0332	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0332	mg/kg dry	50	05/18/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0332	mg/kg dry	50	05/18/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0332	mg/kg dry	50	05/18/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0332	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0332	mg/kg dry	50	05/18/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0663	mg/kg dry	50	05/18/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0663	mg/kg dry	50	05/18/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0663	mg/kg dry	50	05/18/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0663	mg/kg dry	50	05/18/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0663	mg/kg dry	50	05/18/19	5035A/8260C	
Ethylbenzene	ND	---	0.0332	mg/kg dry	50	05/18/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.133	mg/kg dry	50	05/18/19	5035A/8260C	
2-Hexanone	ND	---	0.663	mg/kg dry	50	05/18/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0663	mg/kg dry	50	05/18/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0663	mg/kg dry	50	05/18/19	5035A/8260C	
Methylene chloride	ND	---	0.332	mg/kg dry	50	05/18/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.663	mg/kg dry	50	05/18/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-12(16-17) (A9E0401-41)				**Matrix: Soil**			**Batch: 9051023**	
Methyl tert-butyl ether (MTBE)	ND	---	0.0663	mg/kg dry	50	05/18/19	5035A/8260C	
Naphthalene	ND	---	0.133	mg/kg dry	50	05/18/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0332	mg/kg dry	50	05/18/19	5035A/8260C	
Styrene	ND	---	0.0663	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.133	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0663	mg/kg dry	50	05/18/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0332	mg/kg dry	50	05/18/19	5035A/8260C	
Toluene	ND	---	0.0663	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.332	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.332	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0332	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0332	mg/kg dry	50	05/18/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0332	mg/kg dry	50	05/18/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.133	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0663	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0663	mg/kg dry	50	05/18/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0663	mg/kg dry	50	05/18/19	5035A/8260C	
Vinyl chloride	ND	---	0.0332	mg/kg dry	50	05/18/19	5035A/8260C	
m,p-Xylene	ND	---	0.0663	mg/kg dry	50	05/18/19	5035A/8260C	
o-Xylene	ND	---	0.0332	mg/kg dry	50	05/18/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*104 %*	*Limits: 80-120 %*	*1*	*05/18/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*97 %*	*80-120 %*	*1*	*05/18/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*103 %*	*80-120 %*	*1*	*05/18/19*	*5035A/8260C*	
DP-13(4-5) (A9E0401-42)				**Matrix: Soil**			**Batch: 9051023**	
Acetone	ND	---	1.48	mg/kg dry	50	05/18/19	5035A/8260C	
Acrylonitrile	ND	---	0.148	mg/kg dry	50	05/18/19	5035A/8260C	
Benzene	ND	---	0.0148	mg/kg dry	50	05/18/19	5035A/8260C	
Bromobenzene	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
Bromochloromethane	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
Bromodichloromethane	ND	---	0.148	mg/kg dry	50	05/18/19	5035A/8260C	
Bromoform	ND	---	0.296	mg/kg dry	50	05/18/19	5035A/8260C	
Bromomethane	ND	---	0.740	mg/kg dry	50	05/18/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.740	mg/kg dry	50	05/18/19	5035A/8260C	

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Philip Nerenberg, Lab Director

Apex Laboratories, LLC
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503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-13(4-5) (A9E0401-42)				**Matrix: Soil**			**Batch: 9051023**	
n-Butylbenzene	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
Carbon disulfide	ND	---	0.740	mg/kg dry	50	05/18/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.148	mg/kg dry	50	05/18/19	5035A/8260C	
Chlorobenzene	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
Chloroethane	ND	---	0.740	mg/kg dry	50	05/18/19	5035A/8260C	
Chloroform	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
Chloromethane	ND	---	0.370	mg/kg dry	50	05/18/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
Dibromochloromethane	ND	---	0.148	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.370	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
Dibromomethane	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.148	mg/kg dry	50	05/18/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
Ethylbenzene	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.148	mg/kg dry	50	05/18/19	5035A/8260C	
2-Hexanone	ND	---	0.740	mg/kg dry	50	05/18/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-13(4-5) (A9E0401-42)				**Matrix: Soil**			**Batch: 9051023**	
Isopropylbenzene	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
Methylene chloride	ND	---	0.370	mg/kg dry	50	05/18/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.740	mg/kg dry	50	05/18/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
Naphthalene	ND	---	0.148	mg/kg dry	50	05/18/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
Styrene	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.148	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
Toluene	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.370	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.370	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.148	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
Vinyl chloride	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
m,p-Xylene	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
o-Xylene	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*106 %*	*Limits: 80-120 %*	*1*	*05/18/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*95 %*	*80-120 %*	*1*	*05/18/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*103 %*	*80-120 %*	*1*	*05/18/19*	*5035A/8260C*	
DP-13(9-10) (A9E0401-44)				**Matrix: Soil**			**Batch: 9051023**	
Acetone	ND	---	1.48	mg/kg dry	50	05/18/19	5035A/8260C	
Acrylonitrile	ND	---	0.148	mg/kg dry	50	05/18/19	5035A/8260C	
Benzene	ND	---	0.0148	mg/kg dry	50	05/18/19	5035A/8260C	
Bromobenzene	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
Bromochloromethane	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-13(9-10) (A9E0401-44)				**Matrix: Soil**			**Batch: 9051023**	
Bromodichloromethane	ND	---	0.148	mg/kg dry	50	05/18/19	5035A/8260C	
Bromoform	ND	---	0.296	mg/kg dry	50	05/18/19	5035A/8260C	
Bromomethane	ND	---	0.740	mg/kg dry	50	05/18/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.740	mg/kg dry	50	05/18/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
Carbon disulfide	ND	---	0.740	mg/kg dry	50	05/18/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.148	mg/kg dry	50	05/18/19	5035A/8260C	
Chlorobenzene	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
Chloroethane	ND	---	0.740	mg/kg dry	50	05/18/19	5035A/8260C	
Chloroform	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
Chloromethane	ND	---	0.370	mg/kg dry	50	05/18/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
Dibromochloromethane	ND	---	0.148	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.370	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
Dibromomethane	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.148	mg/kg dry	50	05/18/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-13(9-10) (A9E0401-44)				**Matrix: Soil**			**Batch: 9051023**	
trans-1,3-Dichloropropene	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
Ethylbenzene	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.148	mg/kg dry	50	05/18/19	5035A/8260C	
2-Hexanone	ND	---	0.740	mg/kg dry	50	05/18/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
Methylene chloride	ND	---	0.370	mg/kg dry	50	05/18/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.740	mg/kg dry	50	05/18/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
Naphthalene	ND	---	0.148	mg/kg dry	50	05/18/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
Styrene	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.148	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
Toluene	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.370	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.370	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.148	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
Vinyl chloride	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
m,p-Xylene	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
o-Xylene	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*106 %*	*Limits:* *80-120 %*	*1*	*05/18/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*97 %*	*80-120 %*	*1*	*05/18/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*103 %*	*80-120 %*	*1*	*05/18/19*	*5035A/8260C*	
DP-14(2-3) (A9E0401-46)				**Matrix: Soil**			**Batch: 9051023**	
Acetone	ND	---	1.67	mg/kg dry	50	05/18/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-14(2-3) (A9E0401-46)				**Matrix: Soil**			**Batch: 9051023**	
Acrylonitrile	ND	---	0.167	mg/kg dry	50	05/18/19	5035A/8260C	
Benzene	ND	---	0.0167	mg/kg dry	50	05/18/19	5035A/8260C	
Bromobenzene	ND	---	0.0417	mg/kg dry	50	05/18/19	5035A/8260C	
Bromochloromethane	ND	---	0.0835	mg/kg dry	50	05/18/19	5035A/8260C	
Bromodichloromethane	ND	---	0.167	mg/kg dry	50	05/18/19	5035A/8260C	
Bromoform	ND	---	0.334	mg/kg dry	50	05/18/19	5035A/8260C	
Bromomethane	ND	---	0.835	mg/kg dry	50	05/18/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.835	mg/kg dry	50	05/18/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0835	mg/kg dry	50	05/18/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0835	mg/kg dry	50	05/18/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0835	mg/kg dry	50	05/18/19	5035A/8260C	
Carbon disulfide	ND	---	0.835	mg/kg dry	50	05/18/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.167	mg/kg dry	50	05/18/19	5035A/8260C	
Chlorobenzene	ND	---	0.0417	mg/kg dry	50	05/18/19	5035A/8260C	
Chloroethane	ND	---	0.835	mg/kg dry	50	05/18/19	5035A/8260C	
Chloroform	ND	---	0.0835	mg/kg dry	50	05/18/19	5035A/8260C	
Chloromethane	ND	---	0.417	mg/kg dry	50	05/18/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0835	mg/kg dry	50	05/18/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0835	mg/kg dry	50	05/18/19	5035A/8260C	
Dibromochloromethane	ND	---	0.167	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.417	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0835	mg/kg dry	50	05/18/19	5035A/8260C	
Dibromomethane	ND	---	0.0835	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0417	mg/kg dry	50	05/18/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0417	mg/kg dry	50	05/18/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0417	mg/kg dry	50	05/18/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.167	mg/kg dry	50	05/18/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0417	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0417	mg/kg dry	50	05/18/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0417	mg/kg dry	50	05/18/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0417	mg/kg dry	50	05/18/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0417	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0417	mg/kg dry	50	05/18/19	5035A/8260C	

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Tigard, OR 97223
503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-14(2-3) (A9E0401-46)				**Matrix: Soil**			**Batch: 9051023**	
1,3-Dichloropropane	ND	---	0.0835	mg/kg dry	50	05/18/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0835	mg/kg dry	50	05/18/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0835	mg/kg dry	50	05/18/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0835	mg/kg dry	50	05/18/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0835	mg/kg dry	50	05/18/19	5035A/8260C	
Ethylbenzene	ND	---	0.0417	mg/kg dry	50	05/18/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.167	mg/kg dry	50	05/18/19	5035A/8260C	
2-Hexanone	ND	---	0.835	mg/kg dry	50	05/18/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0835	mg/kg dry	50	05/18/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0835	mg/kg dry	50	05/18/19	5035A/8260C	
Methylene chloride	ND	---	0.417	mg/kg dry	50	05/18/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.835	mg/kg dry	50	05/18/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0835	mg/kg dry	50	05/18/19	5035A/8260C	
Naphthalene	ND	---	0.167	mg/kg dry	50	05/18/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0417	mg/kg dry	50	05/18/19	5035A/8260C	
Styrene	ND	---	0.0835	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.167	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0835	mg/kg dry	50	05/18/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0417	mg/kg dry	50	05/18/19	5035A/8260C	
Toluene	ND	---	0.0835	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.417	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.417	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0417	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0417	mg/kg dry	50	05/18/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0417	mg/kg dry	50	05/18/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.167	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0835	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0835	mg/kg dry	50	05/18/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0835	mg/kg dry	50	05/18/19	5035A/8260C	
Vinyl chloride	ND	---	0.0417	mg/kg dry	50	05/18/19	5035A/8260C	
m,p-Xylene	ND	---	0.0835	mg/kg dry	50	05/18/19	5035A/8260C	
o-Xylene	ND	---	0.0417	mg/kg dry	50	05/18/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery: 108 %*		*Limits: 80-120 %*	*1*	*05/18/19*	*5035A/8260C*	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-14(2-3) (A9E0401-46)				**Matrix: Soil**			**Batch: 9051023**	
Surrogate: Toluene-d8 (Surr)			*Recovery: 94 %*	*Limits: 80-120 %*	*1*	*05/18/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*105 %*	*80-120 %*	*1*	*05/18/19*	*5035A/8260C*	
DP-14(11-12) (A9E0401-48)				**Matrix: Soil**			**Batch: 9051023**	
Acetone	ND	---	1.54	mg/kg dry	50	05/18/19	5035A/8260C	
Acrylonitrile	ND	---	0.154	mg/kg dry	50	05/18/19	5035A/8260C	
Benzene	ND	---	0.0154	mg/kg dry	50	05/18/19	5035A/8260C	
Bromobenzene	ND	---	0.0384	mg/kg dry	50	05/18/19	5035A/8260C	
Bromochloromethane	ND	---	0.0768	mg/kg dry	50	05/18/19	5035A/8260C	
Bromodichloromethane	ND	---	0.154	mg/kg dry	50	05/18/19	5035A/8260C	
Bromoform	ND	---	0.307	mg/kg dry	50	05/18/19	5035A/8260C	
Bromomethane	ND	---	0.768	mg/kg dry	50	05/18/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.768	mg/kg dry	50	05/18/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0768	mg/kg dry	50	05/18/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0768	mg/kg dry	50	05/18/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0768	mg/kg dry	50	05/18/19	5035A/8260C	
Carbon disulfide	ND	---	0.768	mg/kg dry	50	05/18/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.154	mg/kg dry	50	05/18/19	5035A/8260C	
Chlorobenzene	ND	---	0.0384	mg/kg dry	50	05/18/19	5035A/8260C	
Chloroethane	ND	---	0.768	mg/kg dry	50	05/18/19	5035A/8260C	
Chloroform	ND	---	0.0768	mg/kg dry	50	05/18/19	5035A/8260C	
Chloromethane	ND	---	0.384	mg/kg dry	50	05/18/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0768	mg/kg dry	50	05/18/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0768	mg/kg dry	50	05/18/19	5035A/8260C	
Dibromochloromethane	ND	---	0.154	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.384	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0768	mg/kg dry	50	05/18/19	5035A/8260C	
Dibromomethane	ND	---	0.0768	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0384	mg/kg dry	50	05/18/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0384	mg/kg dry	50	05/18/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0384	mg/kg dry	50	05/18/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.154	mg/kg dry	50	05/18/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0384	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0384	mg/kg dry	50	05/18/19	5035A/8260C	

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-14(11-12) (A9E0401-48)				**Matrix: Soil**			**Batch: 9051023**	
1,1-Dichloroethene	ND	---	0.0384	mg/kg dry	50	05/18/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0384	mg/kg dry	50	05/18/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0384	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0384	mg/kg dry	50	05/18/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0768	mg/kg dry	50	05/18/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0768	mg/kg dry	50	05/18/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0768	mg/kg dry	50	05/18/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0768	mg/kg dry	50	05/18/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0768	mg/kg dry	50	05/18/19	5035A/8260C	
Ethylbenzene	ND	---	0.0384	mg/kg dry	50	05/18/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.154	mg/kg dry	50	05/18/19	5035A/8260C	
2-Hexanone	ND	---	0.768	mg/kg dry	50	05/18/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0768	mg/kg dry	50	05/18/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0768	mg/kg dry	50	05/18/19	5035A/8260C	
Methylene chloride	ND	---	0.384	mg/kg dry	50	05/18/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.768	mg/kg dry	50	05/18/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0768	mg/kg dry	50	05/18/19	5035A/8260C	
Naphthalene	ND	---	0.154	mg/kg dry	50	05/18/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0384	mg/kg dry	50	05/18/19	5035A/8260C	
Styrene	ND	---	0.0768	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.154	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0768	mg/kg dry	50	05/18/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0384	mg/kg dry	50	05/18/19	5035A/8260C	
Toluene	ND	---	0.0768	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.384	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.384	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0384	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0384	mg/kg dry	50	05/18/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0384	mg/kg dry	50	05/18/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.154	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0768	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0768	mg/kg dry	50	05/18/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0768	mg/kg dry	50	05/18/19	5035A/8260C	

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-14(11-12) (A9E0401-48)				**Matrix: Soil**			**Batch: 9051023**	
Vinyl chloride	ND	---	0.0384	mg/kg dry	50	05/18/19	5035A/8260C	
m,p-Xylene	ND	---	0.0768	mg/kg dry	50	05/18/19	5035A/8260C	
o-Xylene	ND	---	0.0384	mg/kg dry	50	05/18/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*110 %*	*Limits: 80-120 %*	*1*	*05/18/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*94 %*	*80-120 %*	*1*	*05/18/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*108 %*	*80-120 %*	*1*	*05/18/19*	*5035A/8260C*	
DP-15(4-5) (A9E0401-49)				**Matrix: Soil**			**Batch: 9051023**	
Acetone	ND	---	1.62	mg/kg dry	50	05/18/19	5035A/8260C	
Acrylonitrile	ND	---	0.162	mg/kg dry	50	05/18/19	5035A/8260C	
Benzene	ND	---	0.0162	mg/kg dry	50	05/18/19	5035A/8260C	
Bromobenzene	ND	---	0.0404	mg/kg dry	50	05/18/19	5035A/8260C	
Bromochloromethane	ND	---	0.0809	mg/kg dry	50	05/18/19	5035A/8260C	
Bromodichloromethane	ND	---	0.162	mg/kg dry	50	05/18/19	5035A/8260C	
Bromoform	ND	---	0.324	mg/kg dry	50	05/18/19	5035A/8260C	
Bromomethane	ND	---	0.809	mg/kg dry	50	05/18/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.809	mg/kg dry	50	05/18/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0809	mg/kg dry	50	05/18/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0809	mg/kg dry	50	05/18/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0809	mg/kg dry	50	05/18/19	5035A/8260C	
Carbon disulfide	ND	---	0.809	mg/kg dry	50	05/18/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.162	mg/kg dry	50	05/18/19	5035A/8260C	
Chlorobenzene	ND	---	0.0404	mg/kg dry	50	05/18/19	5035A/8260C	
Chloroethane	ND	---	0.809	mg/kg dry	50	05/18/19	5035A/8260C	
Chloroform	ND	---	0.0809	mg/kg dry	50	05/18/19	5035A/8260C	
Chloromethane	ND	---	0.404	mg/kg dry	50	05/18/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0809	mg/kg dry	50	05/18/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0809	mg/kg dry	50	05/18/19	5035A/8260C	
Dibromochloromethane	ND	---	0.162	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.404	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0809	mg/kg dry	50	05/18/19	5035A/8260C	
Dibromomethane	ND	---	0.0809	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0404	mg/kg dry	50	05/18/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0404	mg/kg dry	50	05/18/19	5035A/8260C	

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-15(4-5) (A9E0401-49)				**Matrix: Soil**			**Batch: 9051023**	
1,4-Dichlorobenzene	ND	---	0.0404	mg/kg dry	50	05/18/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.162	mg/kg dry	50	05/18/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0404	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0404	mg/kg dry	50	05/18/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0404	mg/kg dry	50	05/18/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0404	mg/kg dry	50	05/18/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0404	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0404	mg/kg dry	50	05/18/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0809	mg/kg dry	50	05/18/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0809	mg/kg dry	50	05/18/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0809	mg/kg dry	50	05/18/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0809	mg/kg dry	50	05/18/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0809	mg/kg dry	50	05/18/19	5035A/8260C	
Ethylbenzene	ND	---	0.0404	mg/kg dry	50	05/18/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.162	mg/kg dry	50	05/18/19	5035A/8260C	
2-Hexanone	ND	---	0.809	mg/kg dry	50	05/18/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0809	mg/kg dry	50	05/18/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0809	mg/kg dry	50	05/18/19	5035A/8260C	
Methylene chloride	ND	---	0.404	mg/kg dry	50	05/18/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.809	mg/kg dry	50	05/18/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0809	mg/kg dry	50	05/18/19	5035A/8260C	
Naphthalene	ND	---	0.162	mg/kg dry	50	05/18/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0404	mg/kg dry	50	05/18/19	5035A/8260C	
Styrene	ND	---	0.0809	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.162	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0809	mg/kg dry	50	05/18/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0404	mg/kg dry	50	05/18/19	5035A/8260C	
Toluene	ND	---	0.0809	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.404	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.404	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0404	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0404	mg/kg dry	50	05/18/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0404	mg/kg dry	50	05/18/19	5035A/8260C	

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-15(4-5) (A9E0401-49)				**Matrix: Soil**			**Batch: 9051023**	
Trichlorofluoromethane	ND	---	0.162	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0809	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0809	mg/kg dry	50	05/18/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0809	mg/kg dry	50	05/18/19	5035A/8260C	
Vinyl chloride	ND	---	0.0404	mg/kg dry	50	05/18/19	5035A/8260C	
m,p-Xylene	ND	---	0.0809	mg/kg dry	50	05/18/19	5035A/8260C	
o-Xylene	ND	---	0.0404	mg/kg dry	50	05/18/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*106 %*	*Limits: 80-120 %*	*1*	*05/18/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*97 %*	*80-120 %*	*1*	*05/18/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*102 %*	*80-120 %*	*1*	*05/18/19*	*5035A/8260C*	
DP-16(2-3) (A9E0401-52)				**Matrix: Soil**			**Batch: 9051023**	
Acetone	ND	---	1.31	mg/kg dry	50	05/18/19	5035A/8260C	
Acrylonitrile	ND	---	0.131	mg/kg dry	50	05/18/19	5035A/8260C	
Benzene	ND	---	0.0131	mg/kg dry	50	05/18/19	5035A/8260C	
Bromobenzene	ND	---	0.0327	mg/kg dry	50	05/18/19	5035A/8260C	
Bromochloromethane	ND	---	0.0654	mg/kg dry	50	05/18/19	5035A/8260C	
Bromodichloromethane	ND	---	0.131	mg/kg dry	50	05/18/19	5035A/8260C	
Bromoform	ND	---	0.262	mg/kg dry	50	05/18/19	5035A/8260C	
Bromomethane	ND	---	0.654	mg/kg dry	50	05/18/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.654	mg/kg dry	50	05/18/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0654	mg/kg dry	50	05/18/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0654	mg/kg dry	50	05/18/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0654	mg/kg dry	50	05/18/19	5035A/8260C	
Carbon disulfide	ND	---	0.654	mg/kg dry	50	05/18/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.131	mg/kg dry	50	05/18/19	5035A/8260C	
Chlorobenzene	ND	---	0.0327	mg/kg dry	50	05/18/19	5035A/8260C	
Chloroethane	ND	---	0.654	mg/kg dry	50	05/18/19	5035A/8260C	
Chloroform	ND	---	0.0654	mg/kg dry	50	05/18/19	5035A/8260C	
Chloromethane	ND	---	0.327	mg/kg dry	50	05/18/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0654	mg/kg dry	50	05/18/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0654	mg/kg dry	50	05/18/19	5035A/8260C	
Dibromochloromethane	ND	---	0.131	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.327	mg/kg dry	50	05/18/19	5035A/8260C	

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Philip Nerenberg, Lab Director

Apex Laboratories, LLC

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-16(2-3) (A9E0401-52)				**Matrix: Soil**			**Batch: 9051023**	
1,2-Dibromoethane (EDB)	ND	---	0.0654	mg/kg dry	50	05/18/19	5035A/8260C	
Dibromomethane	ND	---	0.0654	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0327	mg/kg dry	50	05/18/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0327	mg/kg dry	50	05/18/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0327	mg/kg dry	50	05/18/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.131	mg/kg dry	50	05/18/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0327	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0327	mg/kg dry	50	05/18/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0327	mg/kg dry	50	05/18/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0327	mg/kg dry	50	05/18/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0327	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0327	mg/kg dry	50	05/18/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0654	mg/kg dry	50	05/18/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0654	mg/kg dry	50	05/18/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0654	mg/kg dry	50	05/18/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0654	mg/kg dry	50	05/18/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0654	mg/kg dry	50	05/18/19	5035A/8260C	
Ethylbenzene	ND	---	0.0327	mg/kg dry	50	05/18/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.131	mg/kg dry	50	05/18/19	5035A/8260C	
2-Hexanone	ND	---	0.654	mg/kg dry	50	05/18/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0654	mg/kg dry	50	05/18/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0654	mg/kg dry	50	05/18/19	5035A/8260C	
Methylene chloride	ND	---	0.327	mg/kg dry	50	05/18/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.654	mg/kg dry	50	05/18/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0654	mg/kg dry	50	05/18/19	5035A/8260C	
Naphthalene	ND	---	0.131	mg/kg dry	50	05/18/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0327	mg/kg dry	50	05/18/19	5035A/8260C	
Styrene	ND	---	0.0654	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.131	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0654	mg/kg dry	50	05/18/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0327	mg/kg dry	50	05/18/19	5035A/8260C	
Toluene	ND	---	0.0654	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.327	mg/kg dry	50	05/18/19	5035A/8260C	

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GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-16(2-3) (A9E0401-52)				**Matrix: Soil**			**Batch: 9051023**	
1,2,4-Trichlorobenzene	ND	---	0.327	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0327	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0327	mg/kg dry	50	05/18/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0327	mg/kg dry	50	05/18/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.131	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0654	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0654	mg/kg dry	50	05/18/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0654	mg/kg dry	50	05/18/19	5035A/8260C	
Vinyl chloride	ND	---	0.0327	mg/kg dry	50	05/18/19	5035A/8260C	
m,p-Xylene	ND	---	0.0654	mg/kg dry	50	05/18/19	5035A/8260C	
o-Xylene	ND	---	0.0327	mg/kg dry	50	05/18/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*110 %*	*Limits: 80-120 %*	*1*	*05/18/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*94 %*	*80-120 %*	*1*	*05/18/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*102 %*	*80-120 %*	*1*	*05/18/19*	*5035A/8260C*	

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polychlorinated Biphenyls by EPA 8082A

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-1(0.5-1.5) (A9E0401-01)				**Matrix: Soil**			**Batch: 9050839**	**C-07**
Aroclor 1016	ND	---	0.0117	mg/kg dry	1	05/15/19	EPA 8082A	
Aroclor 1221	ND	---	0.0117	mg/kg dry	1	05/15/19	EPA 8082A	
Aroclor 1232	ND	---	0.0117	mg/kg dry	1	05/15/19	EPA 8082A	
Aroclor 1242	ND	---	0.0117	mg/kg dry	1	05/15/19	EPA 8082A	
Aroclor 1248	ND	---	0.0117	mg/kg dry	1	05/15/19	EPA 8082A	
Aroclor 1254	ND	---	0.0117	mg/kg dry	1	05/15/19	EPA 8082A	
Aroclor 1260	ND	---	0.0117	mg/kg dry	1	05/15/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 87 %*		*Limits: 60-125 %*	*1*	*05/15/19*	*EPA 8082A*	
DP-1(11.5-12.5) (A9E0401-03)				**Matrix: Soil**			**Batch: 9050839**	**C-07**
Aroclor 1016	ND	---	0.0111	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1221	ND	---	0.0111	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1232	ND	---	0.0111	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1242	ND	---	0.0111	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1248	ND	---	0.0111	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1254	ND	---	0.0111	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1260	ND	---	0.0111	mg/kg dry	1	05/16/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 89 %*		*Limits: 60-125 %*	*1*	*05/16/19*	*EPA 8082A*	
DP-2(1-2) (A9E0401-04)				**Matrix: Soil**			**Batch: 9050839**	**C-07**
Aroclor 1016	ND	---	0.0118	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1221	ND	---	0.0118	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1232	ND	---	0.0118	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1242	ND	---	0.0118	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1248	ND	---	0.0118	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1254	ND	---	0.0118	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1260	ND	---	0.0118	mg/kg dry	1	05/16/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 92 %*		*Limits: 60-125 %*	*1*	*05/16/19*	*EPA 8082A*	
DP-2(12-13) (A9E0401-06)				**Matrix: Soil**			**Batch: 9050839**	**C-07**
Aroclor 1016	ND	---	0.0127	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1221	ND	---	0.0127	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1232	ND	---	0.0127	mg/kg dry	1	05/16/19	EPA 8082A	

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polychlorinated Biphenyls by EPA 8082A

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-2(12-13) (A9E0401-06)				**Matrix: Soil**			**Batch: 9050839**	**C-07**
Aroclor 1242	ND	---	0.0127	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1248	ND	---	0.0127	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1254	ND	---	0.0127	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1260	ND	---	0.0127	mg/kg dry	1	05/16/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 89 %*		*Limits: 60-125 %*	*1*	*05/16/19*	*EPA 8082A*	
DP-3(1-2) (A9E0401-07)				**Matrix: Soil**			**Batch: 9050839**	**C-07**
Aroclor 1016	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1221	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1232	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1242	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1248	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1254	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1260	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 98 %*		*Limits: 60-125 %*	*1*	*05/16/19*	*EPA 8082A*	
DP-3(12-13) (A9E0401-09)				**Matrix: Soil**			**Batch: 9050839**	**C-07**
Aroclor 1016	ND	---	0.0127	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1221	ND	---	0.0127	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1232	ND	---	0.0127	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1242	ND	---	0.0127	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1248	ND	---	0.0127	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1254	ND	---	0.0127	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1260	ND	---	0.0127	mg/kg dry	1	05/16/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 89 %*		*Limits: 60-125 %*	*1*	*05/16/19*	*EPA 8082A*	
DP-4(0.5-1.5) (A9E0401-10)				**Matrix: Soil**			**Batch: 9050839**	**C-07**
Aroclor 1016	ND	---	0.0115	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1221	ND	---	0.0115	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1232	ND	---	0.0115	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1242	ND	---	0.0115	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1248	ND	---	0.0115	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1254	ND	---	0.0115	mg/kg dry	1	05/16/19	EPA 8082A	

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polychlorinated Biphenyls by EPA 8082A

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-4(0.5-1.5) (A9E0401-10)				**Matrix: Soil**			**Batch: 9050839**	**C-07**
Aroclor 1260	ND	---	0.0115	mg/kg dry	1	05/16/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 89 %*		*Limits: 60-125 %*	*1*	*05/16/19*	*EPA 8082A*	
DP-4(8-9) (A9E0401-11)				**Matrix: Soil**			**Batch: 9050839**	**C-07**
Aroclor 1016	ND	---	0.0125	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1221	ND	---	0.0125	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1232	ND	---	0.0125	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1242	ND	---	0.0125	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1248	ND	---	0.0125	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1254	ND	---	0.0125	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1260	ND	---	0.0125	mg/kg dry	1	05/16/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 78 %*		*Limits: 60-125 %*	*1*	*05/16/19*	*EPA 8082A*	
DP-4(11.5-12.5) (A9E0401-12)				**Matrix: Soil**			**Batch: 9050839**	**C-07**
Aroclor 1016	ND	---	0.0108	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1221	ND	---	0.0108	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1232	ND	---	0.0108	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1242	ND	---	0.0108	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1248	ND	---	0.0108	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1254	ND	---	0.0108	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1260	ND	---	0.0108	mg/kg dry	1	05/16/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 73 %*		*Limits: 60-125 %*	*1*	*05/16/19*	*EPA 8082A*	
DP-5(1-2) (A9E0401-16)				**Matrix: Soil**			**Batch: 9050839**	**C-07**
Aroclor 1016	ND	---	0.0112	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1221	ND	---	0.0112	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1232	ND	---	0.0112	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1242	ND	---	0.0112	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1248	ND	---	0.0112	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1254	ND	---	0.0112	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1260	ND	---	0.0112	mg/kg dry	1	05/16/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 77 %*		*Limits: 60-125 %*	*1*	*05/16/19*	*EPA 8082A*	

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Philip Nerenberg, Lab Director

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Apex Laboratories, LLC
6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polychlorinated Biphenyls by EPA 8082A

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-5(8.5-9.5) (A9E0401-17)				**Matrix: Soil**			**Batch: 9050839**	**C-07**
Aroclor 1016	ND	---	0.0125	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1221	ND	---	0.0125	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1232	ND	---	0.0125	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1242	ND	---	0.0125	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1248	ND	---	0.0125	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1254	ND	---	0.0125	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1260	ND	---	0.0125	mg/kg dry	1	05/16/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 78 %*		*Limits: 60-125 %*	*1*	*05/16/19*	*EPA 8082A*	
DP-5(13-14) (A9E0401-18)				**Matrix: Soil**			**Batch: 9050839**	**C-07**
Aroclor 1016	ND	---	0.0117	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1221	ND	---	0.0117	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1232	ND	---	0.0117	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1242	ND	---	0.0117	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1248	ND	---	0.0117	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1254	ND	---	0.0117	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1260	ND	---	0.0117	mg/kg dry	1	05/17/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 83 %*		*Limits: 60-125 %*	*1*	*05/17/19*	*EPA 8082A*	
DP-6(1-2) (A9E0401-19)				**Matrix: Soil**			**Batch: 9050839**	**C-07**
Aroclor 1016	ND	---	0.0112	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1221	ND	---	0.0112	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1232	ND	---	0.0112	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1242	ND	---	0.0112	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1248	ND	---	0.0112	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1254	ND	---	0.0112	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1260	ND	---	0.0112	mg/kg dry	1	05/17/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 81 %*		*Limits: 60-125 %*	*1*	*05/17/19*	*EPA 8082A*	
DP-6(8-9) (A9E0401-20)				**Matrix: Soil**			**Batch: 9050839**	**C-07**
Aroclor 1016	ND	---	0.0120	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1221	ND	---	0.0120	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1232	ND	---	0.0120	mg/kg dry	1	05/17/19	EPA 8082A	

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503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polychlorinated Biphenyls by EPA 8082A

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-6(8-9) (A9E0401-20)				**Matrix: Soil**			**Batch: 9050839**	**C-07**
Aroclor 1242	ND	---	0.0120	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1248	ND	---	0.0120	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1254	ND	---	0.0120	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1260	ND	---	0.0120	mg/kg dry	1	05/17/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 85 %*		*Limits: 60-125 %*	*1*	*05/17/19*	*EPA 8082A*	
DP-6(12.5-13.5) (A9E0401-21)				**Matrix: Soil**			**Batch: 9050839**	**C-07**
Aroclor 1016	ND	---	0.0127	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1221	ND	---	0.0127	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1232	ND	---	0.0127	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1242	ND	---	0.0127	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1248	ND	---	0.0127	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1254	ND	---	0.0127	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1260	ND	---	0.0127	mg/kg dry	1	05/17/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 82 %*		*Limits: 60-125 %*	*1*	*05/17/19*	*EPA 8082A*	
DP-7(1-2) (A9E0401-22)				**Matrix: Soil**			**Batch: 9050839**	**C-07**
Aroclor 1016	ND	---	0.0101	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1221	ND	---	0.0101	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1232	ND	---	0.0101	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1242	ND	---	0.0101	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1248	ND	---	0.0101	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1254	ND	---	0.0101	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1260	ND	---	0.0101	mg/kg dry	1	05/17/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 91 %*		*Limits: 60-125 %*	*1*	*05/17/19*	*EPA 8082A*	
DP-7(6.5-7.5) (A9E0401-23)				**Matrix: Soil**			**Batch: 9050839**	**C-07**
Aroclor 1016	ND	---	0.00955	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1221	ND	---	0.00955	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1232	ND	---	0.00955	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1242	ND	---	0.00955	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1248	ND	---	0.00955	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1254	ND	---	0.00955	mg/kg dry	1	05/17/19	EPA 8082A	

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polychlorinated Biphenyls by EPA 8082A

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-7(6.5-7.5) (A9E0401-23)				**Matrix: Soil**			**Batch: 9050839**	**C-07**
Aroclor 1260	ND	---	0.00955	mg/kg dry	1	05/17/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 88 %*		*Limits: 60-125 %*	*1*	*05/17/19*	*EPA 8082A*	
DP-7(11.5-12.5) (A9E0401-24)				**Matrix: Soil**			**Batch: 9050839**	**C-07**
Aroclor 1016	ND	---	0.0110	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1221	ND	---	0.0110	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1232	ND	---	0.0110	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1242	ND	---	0.0110	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1248	ND	---	0.0110	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1254	ND	---	0.0110	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1260	ND	---	0.0110	mg/kg dry	1	05/17/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 73 %*		*Limits: 60-125 %*	*1*	*05/17/19*	*EPA 8082A*	
DP-8(1.5-2.5) (A9E0401-25)				**Matrix: Soil**			**Batch: 9050839**	**C-07**
Aroclor 1016	ND	---	0.0118	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1221	ND	---	0.0118	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1232	ND	---	0.0118	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1242	ND	---	0.0118	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1248	ND	---	0.0118	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1254	ND	---	0.0118	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1260	ND	---	0.0118	mg/kg dry	1	05/17/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 83 %*		*Limits: 60-125 %*	*1*	*05/17/19*	*EPA 8082A*	
DP-8(8-9) (A9E0401-26)				**Matrix: Soil**			**Batch: 9050884**	**C-07**
Aroclor 1016	ND	---	0.0113	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1221	ND	---	0.0113	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1232	ND	---	0.0113	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1242	ND	---	0.0113	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1248	ND	---	0.0113	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1254	ND	---	0.0113	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1260	ND	---	0.0113	mg/kg dry	1	05/16/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 84 %*		*Limits: 60-125 %*	*1*	*05/16/19*	*EPA 8082A*	

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polychlorinated Biphenyls by EPA 8082A

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-8(11.5-12.5) (A9E0401-27)				**Matrix: Soil**			**Batch: 9050884**	**C-07**
Aroclor 1016	ND	---	0.0107	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1221	ND	---	0.0107	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1232	ND	---	0.0107	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1242	ND	---	0.0107	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1248	ND	---	0.0107	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1254	ND	---	0.0107	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1260	ND	---	0.0107	mg/kg dry	1	05/16/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 87 %*		*Limits: 60-125 %*	*1*	*05/16/19*	*EPA 8082A*	
DP-9(1-2) (A9E0401-28)				**Matrix: Soil**			**Batch: 9050884**	**C-07**
Aroclor 1016	ND	---	0.0136	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1221	ND	---	0.0136	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1232	ND	---	0.0136	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1242	ND	---	0.0136	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1248	ND	---	0.0136	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1254	ND	---	0.0136	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1260	ND	---	0.0136	mg/kg dry	1	05/16/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 85 %*		*Limits: 60-125 %*	*1*	*05/16/19*	*EPA 8082A*	
DP-9(8-9) (A9E0401-29)				**Matrix: Soil**			**Batch: 9050884**	**C-07**
Aroclor 1016	ND	---	0.0121	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1221	ND	---	0.0121	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1232	ND	---	0.0121	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1242	ND	---	0.0121	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1248	ND	---	0.0121	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1254	ND	---	0.0121	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1260	ND	---	0.0121	mg/kg dry	1	05/16/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 86 %*		*Limits: 60-125 %*	*1*	*05/16/19*	*EPA 8082A*	
DP-10(2-3) (A9E0401-31)				**Matrix: Soil**			**Batch: 9050884**	**C-07**
Aroclor 1016	ND	---	0.0116	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1221	ND	---	0.0116	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1232	ND	---	0.0116	mg/kg dry	1	05/16/19	EPA 8082A	

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polychlorinated Biphenyls by EPA 8082A

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-10(2-3) (A9E0401-31)				**Matrix: Soil**			**Batch: 9050884**	**C-07**
Aroclor 1242	ND	---	0.0116	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1248	ND	---	0.0116	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1254	ND	---	0.0116	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1260	ND	---	0.0116	mg/kg dry	1	05/16/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 88 %*		*Limits: 60-125 %*	*1*	*05/16/19*	*EPA 8082A*	
DP-10(13-14) (A9E0401-33)				**Matrix: Soil**			**Batch: 9050884**	**C-07**
Aroclor 1016	ND	---	0.0126	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1221	ND	---	0.0126	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1232	ND	---	0.0126	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1242	ND	---	0.0126	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1248	ND	---	0.0126	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1254	ND	---	0.0126	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1260	ND	---	0.0126	mg/kg dry	1	05/16/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 89 %*		*Limits: 60-125 %*	*1*	*05/16/19*	*EPA 8082A*	
DP-11(3-4) (A9E0401-34)				**Matrix: Soil**			**Batch: 9050884**	**C-07**
Aroclor 1016	ND	---	0.0125	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1221	ND	---	0.0125	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1232	ND	---	0.0125	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1242	ND	---	0.0125	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1248	ND	---	0.0125	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1254	ND	---	0.0125	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1260	ND	---	0.0125	mg/kg dry	1	05/16/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 88 %*		*Limits: 60-125 %*	*1*	*05/16/19*	*EPA 8082A*	
DP-11(10-11) (A9E0401-36)				**Matrix: Soil**			**Batch: 9050884**	**C-07**
Aroclor 1016	ND	---	0.0112	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1221	ND	---	0.0112	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1232	ND	---	0.0112	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1242	ND	---	0.0112	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1248	ND	---	0.0112	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1254	ND	---	0.0112	mg/kg dry	1	05/16/19	EPA 8082A	

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polychlorinated Biphenyls by EPA 8082A

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-11(10-11) (A9E0401-36)				**Matrix: Soil**			**Batch: 9050884**	**C-07**
Aroclor 1260	ND	---	0.0112	mg/kg dry	1	05/16/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 87 %*		*Limits: 60-125 %*	*1*	*05/16/19*	*EPA 8082A*	
DP-11(18-19) (A9E0401-37)				**Matrix: Soil**			**Batch: 9050884**	**C-07**
Aroclor 1016	ND	---	0.0107	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1221	ND	---	0.0107	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1232	ND	---	0.0107	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1242	ND	---	0.0107	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1248	ND	---	0.0107	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1254	ND	---	0.0107	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1260	ND	---	0.0107	mg/kg dry	1	05/16/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 73 %*		*Limits: 60-125 %*	*1*	*05/16/19*	*EPA 8082A*	
DP-12(1-12) (A9E0401-38)				**Matrix: Soil**			**Batch: 9050884**	**C-07**
Aroclor 1016	ND	---	0.0132	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1221	ND	---	0.0132	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1232	ND	---	0.0132	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1242	ND	---	0.0132	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1248	ND	---	0.0132	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1254	ND	---	0.0132	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1260	ND	---	0.0132	mg/kg dry	1	05/16/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 82 %*		*Limits: 60-125 %*	*1*	*05/16/19*	*EPA 8082A*	
DP-12(12-13) (A9E0401-40)				**Matrix: Soil**			**Batch: 9050884**	**C-07**
Aroclor 1016	ND	---	0.0112	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1221	ND	---	0.0112	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1232	ND	---	0.0112	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1242	ND	---	0.0112	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1248	ND	---	0.0112	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1254	ND	---	0.0112	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1260	ND	---	0.0112	mg/kg dry	1	05/16/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 91 %*		*Limits: 60-125 %*	*1*	*05/16/19*	*EPA 8082A*	

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Philip Nerenberg, Lab Director

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Apex Laboratories, LLC
6700 S.W. Sandburg Street
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503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polychlorinated Biphenyls by EPA 8082A

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-12(16-17) (A9E0401-41)				**Matrix: Soil**			**Batch: 9050884**	**C-07**
Aroclor 1016	ND	---	0.0108	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1221	ND	---	0.0108	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1232	ND	---	0.0108	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1242	ND	---	0.0108	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1248	ND	---	0.0108	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1254	ND	---	0.0108	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1260	ND	---	0.0108	mg/kg dry	1	05/16/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 85 %*		*Limits: 60-125 %*	*1*	*05/16/19*	*EPA 8082A*	
DP-13(4-5) (A9E0401-42)				**Matrix: Soil**			**Batch: 9050884**	**C-07**
Aroclor 1016	ND	---	0.0123	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1221	ND	---	0.0123	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1232	ND	---	0.0123	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1242	ND	---	0.0123	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1248	ND	---	0.0123	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1254	ND	---	0.0123	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1260	ND	---	0.0123	mg/kg dry	1	05/16/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 86 %*		*Limits: 60-125 %*	*1*	*05/16/19*	*EPA 8082A*	
DP-13(9-10) (A9E0401-44)				**Matrix: Soil**			**Batch: 9050926**	**C-07**
Aroclor 1016	ND	---	0.0118	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1221	ND	---	0.0118	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1232	ND	---	0.0118	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1242	ND	---	0.0118	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1248	ND	---	0.0118	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1254	ND	---	0.0118	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1260	ND	---	0.0118	mg/kg dry	1	05/17/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 85 %*		*Limits: 60-125 %*	*1*	*05/17/19*	*EPA 8082A*	
DP-14(2-3) (A9E0401-46)				**Matrix: Soil**			**Batch: 9050926**	**C-07**
Aroclor 1016	ND	---	0.0132	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1221	ND	---	0.0132	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1232	ND	---	0.0132	mg/kg dry	1	05/17/19	EPA 8082A	

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GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polychlorinated Biphenyls by EPA 8082A

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-14(2-3) (A9E0401-46)				**Matrix: Soil**			**Batch: 9050926**	**C-07**
Aroclor 1242	ND	---	0.0132	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1248	ND	---	0.0132	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1254	ND	---	0.0132	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1260	ND	---	0.0132	mg/kg dry	1	05/17/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 84 %*		*Limits: 60-125 %*	*1*	*05/17/19*	*EPA 8082A*	
DP-14(11-12) (A9E0401-48)				**Matrix: Soil**			**Batch: 9050926**	**C-07**
Aroclor 1016	ND	---	0.0131	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1221	ND	---	0.0131	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1232	ND	---	0.0131	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1242	ND	---	0.0131	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1248	ND	---	0.0131	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1254	ND	---	0.0131	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1260	ND	---	0.0131	mg/kg dry	1	05/17/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 93 %*		*Limits: 60-125 %*	*1*	*05/17/19*	*EPA 8082A*	
DP-15(4-5) (A9E0401-49)				**Matrix: Soil**			**Batch: 9050926**	**C-07**
Aroclor 1016	ND	---	0.0129	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1221	ND	---	0.0129	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1232	ND	---	0.0129	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1242	ND	---	0.0129	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1248	ND	---	0.0129	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1254	ND	---	0.0129	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1260	ND	---	0.0129	mg/kg dry	1	05/17/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 90 %*		*Limits: 60-125 %*	*1*	*05/17/19*	*EPA 8082A*	
DP-16(2-3) (A9E0401-52)				**Matrix: Soil**			**Batch: 9050926**	**C-07**
Aroclor 1016	ND	---	0.0127	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1221	ND	---	0.0127	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1232	ND	---	0.0127	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1242	ND	---	0.0127	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1248	ND	---	0.0127	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1254	ND	---	0.0127	mg/kg dry	1	05/17/19	EPA 8082A	

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GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polychlorinated Biphenyls by EPA 8082A

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-16(2-3) (A9E0401-52)				**Matrix: Soil**			**Batch: 9050926**	**C-07**
Aroclor 1260	ND	---	0.0127	mg/kg dry	1	05/17/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 87 %*		*Limits: 60-125 %*	*1*	*05/17/19*	*EPA 8082A*	

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Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-1(0.5-1.5) (A9E0401-01)				**Matrix: Soil**			**Batch: 9050815**	
Acenaphthene	ND	---	0.0103	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.0103	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.0103	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benz(a)anthracene	**0.0217**	---	0.0103	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	**M-05**
Benzo(a)pyrene	**0.0211**	---	0.0103	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	**0.0315**	---	0.0103	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	**M-05**
Benzo(k)fluoranthene	ND	---	0.0103	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	**0.0201**	---	0.0103	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Chrysene	**0.0283**	---	0.0103	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	**M-05**
Dibenz(a,h)anthracene	ND	---	0.0103	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.0103	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Fluoranthene	**0.0407**	---	0.0103	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.0103	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	**0.0181**	---	0.0103	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.0103	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.0103	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.0103	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Phenanthrene	**0.0256**	---	0.0103	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Pyrene	**0.0508**	---	0.0103	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*71 %*	*Limits: 44-120 %*	*1*	*05/14/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*66 %*	*54-127 %*	*1*	*05/14/19*	*EPA 8270D (SIM)*	
DP-1(11.5-12.5) (A9E0401-03)				**Matrix: Soil**			**Batch: 9050815**	
Acenaphthene	ND	---	0.00973	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.00973	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.00973	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.00973	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.00973	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.00973	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.00973	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.00973	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.00973	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.00973	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	

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GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-1(11.5-12.5) (A9E0401-03)				**Matrix: Soil**			**Batch: 9050815**	
Dibenzofuran	ND	---	0.00973	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.00973	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.00973	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.00973	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.00973	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.00973	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.00973	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.00973	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.00973	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*77 %*	*Limits: 44-120 %*	*1*	*05/14/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*76 %*	*54-127 %*	*1*	*05/14/19*	*EPA 8270D (SIM)*	
DP-2(1-2) (A9E0401-04)				**Matrix: Soil**			**Batch: 9050855**	
Acenaphthene	ND	---	0.0107	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.0107	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.0107	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.0107	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.0107	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.0107	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.0107	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.0107	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.0107	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.0107	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.0107	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.0107	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.0107	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.0107	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.0107	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.0107	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.0107	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.0107	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.0107	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*72 %*	*Limits: 44-120 %*	*1*	*05/15/19*	*EPA 8270D (SIM)*	

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-2(1-2) (A9E0401-04)				**Matrix: Soil**			**Batch: 9050855**	
Surrogate: p-Terphenyl-d14 (Surr)			*Recovery: 71 %*	*Limits: 54-127 %*	*1*	*05/15/19*	*EPA 8270D (SIM)*	
DP-2(12-13) (A9E0401-06)				**Matrix: Soil**			**Batch: 9050855**	
Acenaphthene	ND	---	0.0123	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.0123	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.0123	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.0123	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.0123	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.0123	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.0123	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.0123	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.0123	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.0123	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.0123	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.0123	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.0123	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.0123	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.0123	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.0123	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.0123	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.0123	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.0123	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)			*Recovery: 71 %*	*Limits: 44-120 %*	*1*	*05/16/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*68 %*	*54-127 %*	*1*	*05/16/19*	*EPA 8270D (SIM)*	
DP-3(1-2) (A9E0401-07)				**Matrix: Soil**			**Batch: 9050855**	
Acenaphthene	ND	---	0.0106	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.0106	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.0106	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.0106	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.0106	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.0106	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.0106	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.0106	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	

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Philip Nerenberg, Lab Director

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Tigard, OR 97223
503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-3(1-2) (A9E0401-07)				**Matrix: Soil**			**Batch: 9050855**	
Chrysene	ND	---	0.0106	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.0106	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.0106	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.0106	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.0106	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.0106	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.0106	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.0106	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.0106	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.0106	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.0106	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*71 %*	*Limits: 44-120 %*	*1*	*05/16/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*63 %*	*54-127 %*	*1*	*05/16/19*	*EPA 8270D (SIM)*	
DP-3(12-13) (A9E0401-09)				**Matrix: Soil**			**Batch: 9050855**	
Acenaphthene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	

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Philip Nerenberg, Lab Director

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GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-3(12-13) (A9E0401-09)				**Matrix: Soil**			**Batch: 9050855**	
Pyrene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*73 %*	*Limits: 44-120 %*	*1*	*05/16/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*67 %*	*54-127 %*	*1*	*05/16/19*	*EPA 8270D (SIM)*	
DP-4(0.5-1.5) (A9E0401-10)				**Matrix: Soil**			**Batch: 9050855**	
Acenaphthene	**0.0127**	---	0.0111	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Acenaphthylene	**0.197**	---	0.0111	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Anthracene	**0.0842**	---	0.0111	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Benz(a)anthracene	**0.343**	---	0.0111	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Benzo(a)pyrene	**0.682**	---	0.0111	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	**0.779**	---	0.0111	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	**M-05**
Benzo(k)fluoranthene	**0.206**	---	0.0111	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	**M-05**
Benzo(g,h,i)perylene	**0.703**	---	0.0111	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Chrysene	**0.705**	---	0.0111	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	**0.0730**	---	0.0111	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.0111	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Fluoranthene	**1.67**	---	0.0111	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Fluorene	**0.0605**	---	0.0111	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	**0.604**	---	0.0111	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
1-Methylnaphthalene	**0.0364**	---	0.0111	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
2-Methylnaphthalene	**0.0267**	---	0.0111	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Naphthalene	**0.0859**	---	0.0111	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Phenanthrene	**1.26**	---	0.0111	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Pyrene	**2.15**	---	0.0111	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*77 %*	*Limits: 44-120 %*	*1*	*05/16/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*69 %*	*54-127 %*	*1*	*05/16/19*	*EPA 8270D (SIM)*	
DP-4(8-9) (A9E0401-11)				**Matrix: Soil**			**Batch: 9050855**	
Acenaphthene	ND	---	0.0117	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.0117	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.0117	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.0117	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.0117	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-4(8-9) (A9E0401-11)				**Matrix: Soil**			**Batch: 9050855**	
Benzo(b)fluoranthene	ND	---	0.0117	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.0117	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.0117	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.0117	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.0117	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.0117	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.0117	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.0117	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.0117	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.0117	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.0117	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.0117	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.0117	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.0117	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*74 %*	*Limits: 44-120 %*	*1*	*05/16/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*65 %*	*54-127 %*	*1*	*05/16/19*	*EPA 8270D (SIM)*	
DP-4(11.5-12.5) (A9E0401-12RE1)				**Matrix: Soil**			**Batch: 9051116**	
Acenaphthene	ND	---	0.0111	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.0111	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.0111	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.0111	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.0111	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.0111	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.0111	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.0111	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.0111	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.0111	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.0111	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.0111	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.0111	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.0111	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.0111	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-4(11.5-12.5) (A9E0401-12RE1)				**Matrix: Soil**			**Batch: 9051116**	
2-Methylnaphthalene	ND	---	0.0111	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.0111	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.0111	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.0111	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*59 %*	*Limits: 44-120 %*	*1*	*05/22/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*64 %*	*54-127 %*	*1*	*05/22/19*	*EPA 8270D (SIM)*	
DP-5(1-2) (A9E0401-16)				**Matrix: Soil**			**Batch: 9050855**	
Acenaphthene	ND	---	0.0122	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.0122	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.0122	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.0122	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.0122	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.0122	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.0122	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.0122	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.0122	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.0122	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.0122	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.0122	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.0122	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.0122	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.0122	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.0122	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.0122	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.0122	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.0122	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*68 %*	*Limits: 44-120 %*	*1*	*05/17/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*61 %*	*54-127 %*	*1*	*05/17/19*	*EPA 8270D (SIM)*	
DP-5(8.5-9.5) (A9E0401-17)				**Matrix: Soil**			**Batch: 9050855**	
Acenaphthene	ND	---	0.0113	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.0113	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.0113	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	

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GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-5(8.5-9.5) (A9E0401-17)				**Matrix: Soil**			**Batch: 9050855**	
Benz(a)anthracene	ND	---	0.0113	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.0113	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.0113	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.0113	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.0113	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.0113	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.0113	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.0113	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.0113	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.0113	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.0113	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.0113	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.0113	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.0113	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.0113	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.0113	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*76 %*	*Limits: 44-120 %*	*1*	*05/17/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*66 %*	*54-127 %*	*1*	*05/17/19*	*EPA 8270D (SIM)*	
DP-5(13-14) (A9E0401-18)				**Matrix: Soil**			**Batch: 9050855**	
Acenaphthene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	

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Philip Nerenberg, Lab Director

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Apex Laboratories, LLC
6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-5(13-14) (A9E0401-18)				**Matrix: Soil**			**Batch: 9050855**	
Indeno(1,2,3-cd)pyrene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*78 %*	*Limits: 44-120 %*	*1*	*05/17/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*68 %*	*54-127 %*	*1*	*05/17/19*	*EPA 8270D (SIM)*	
DP-6(1-2) (A9E0401-19)				**Matrix: Soil**			**Batch: 9050855**	
Acenaphthene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*73 %*	*Limits: 44-120 %*	*1*	*05/17/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*62 %*	*54-127 %*	*1*	*05/17/19*	*EPA 8270D (SIM)*	
DP-6(8-9) (A9E0401-20)				**Matrix: Soil**			**Batch: 9050855**	
Acenaphthene	ND	---	0.0118	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	

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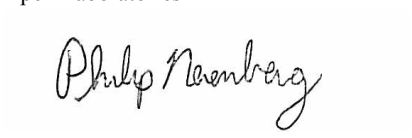

Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-6(8-9) (A9E0401-20)				**Matrix: Soil**			**Batch: 9050855**	
Acenaphthylene	ND	---	0.0118	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.0118	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.0118	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.0118	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.0118	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.0118	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.0118	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.0118	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.0118	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.0118	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.0118	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.0118	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.0118	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.0118	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.0118	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.0118	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.0118	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.0118	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*74 %*	*Limits: 44-120 %*	*1*	*05/17/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*61 %*	*54-127 %*	*1*	*05/17/19*	*EPA 8270D (SIM)*	
DP-6(12.5-13.5) (A9E0401-21)				**Matrix: Soil**			**Batch: 9050855**	
Acenaphthene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-6(12.5-13.5) (A9E0401-21)				**Matrix: Soil**			**Batch: 9050855**	
Fluoranthene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*70 %*	*Limits: 44-120 %*	*1*	*05/17/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*61 %*	*54-127 %*	*1*	*05/17/19*	*EPA 8270D (SIM)*	
DP-7(1-2) (A9E0401-22)				**Matrix: Soil**			**Batch: 9050855**	
Acenaphthene	ND	---	0.0104	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.0104	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.0104	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.0104	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.0104	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.0104	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.0104	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.0104	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.0104	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.0104	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.0104	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.0104	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.0104	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.0104	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.0104	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.0104	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.0104	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.0104	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.0104	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*76 %*	*Limits: 44-120 %*	*1*	*05/17/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*70 %*	*54-127 %*	*1*	*05/17/19*	*EPA 8270D (SIM)*	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-7(6.5-7.5) (A9E0401-23)				**Matrix: Soil**			**Batch: 9050917**	
Acenaphthene	ND	---	0.00959	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.00959	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.00959	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.00959	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.00959	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.00959	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.00959	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.00959	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.00959	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.00959	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.00959	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.00959	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.00959	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.00959	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.00959	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.00959	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.00959	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.00959	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.00959	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*75 %*	*Limits: 44-120 %*	*1*	*05/15/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*75 %*	*54-127 %*	*1*	*05/15/19*	*EPA 8270D (SIM)*	
DP-7(11.5-12.5) (A9E0401-24)				**Matrix: Soil**			**Batch: 9050917**	
Acenaphthene	ND	---	0.0104	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.0104	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.0104	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.0104	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.0104	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.0104	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.0104	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.0104	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.0104	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.0104	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-7(11.5-12.5) (A9E0401-24)				**Matrix: Soil**			**Batch: 9050917**	
Dibenzofuran	ND	---	0.0104	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.0104	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.0104	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.0104	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.0104	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.0104	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.0104	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.0104	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.0104	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*68 %*	*Limits: 44-120 %*	*1*	*05/16/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*64 %*	*54-127 %*	*1*	*05/16/19*	*EPA 8270D (SIM)*	
DP-8(1.5-2.5) (A9E0401-25)				**Matrix: Soil**			**Batch: 9050917**	
Acenaphthene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*68 %*	*Limits: 44-120 %*	*1*	*05/16/19*	*EPA 8270D (SIM)*	

Apex Laboratories

Philip Nerenberg, Lab Director

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6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-8(1.5-2.5) (A9E0401-25)				**Matrix: Soil**			**Batch: 9050917**	
Surrogate: p-Terphenyl-d14 (Surr)		*Recovery: 70 %*	*Limits: 54-127 %*		*1*	*05/16/19*	*EPA 8270D (SIM)*	
DP-8(8-9) (A9E0401-26)				**Matrix: Soil**			**Batch: 9050815**	
Acenaphthene	ND	---	0.0104	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.0104	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.0104	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.0104	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.0104	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.0104	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.0104	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.0104	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.0104	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.0104	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.0104	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.0104	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.0104	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.0104	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.0104	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.0104	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.0104	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.0104	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.0104	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery: 68 %*	*Limits: 44-120 %*		*1*	*05/14/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*66 %*	*54-127 %*	*1*	*05/14/19*	*EPA 8270D (SIM)*	
DP-8(11.5-12.5) (A9E0401-27)				**Matrix: Soil**			**Batch: 9050815**	
Acenaphthene	ND	---	0.00971	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.00971	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.00971	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.00971	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.00971	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.00971	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.00971	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.00971	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-8(11.5-12.5) (A9E0401-27)				**Matrix: Soil**			**Batch: 9050815**	
Chrysene	ND	---	0.00971	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.00971	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.00971	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.00971	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.00971	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.00971	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.00971	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.00971	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.00971	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.00971	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.00971	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*68 %*	*Limits: 44-120 %*	*1*	*05/14/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*68 %*	*54-127 %*	*1*	*05/14/19*	*EPA 8270D (SIM)*	
DP-9(1-2) (A9E0401-28)				**Matrix: Soil**			**Batch: 9050815**	
Acenaphthene	ND	---	0.0123	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.0123	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.0123	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.0123	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.0123	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.0123	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.0123	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.0123	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.0123	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.0123	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.0123	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.0123	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.0123	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.0123	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.0123	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.0123	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.0123	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.0123	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-9(1-2) (A9E0401-28)				**Matrix: Soil**			**Batch: 9050815**	
Pyrene	ND	---	0.0123	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*76 %*	*Limits: 44-120 %*	*1*	*05/14/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*78 %*	*54-127 %*	*1*	*05/14/19*	*EPA 8270D (SIM)*	
DP-9(8-9) (A9E0401-29)				**Matrix: Soil**			**Batch: 9050815**	
Acenaphthene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*75 %*	*Limits: 44-120 %*	*1*	*05/14/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*73 %*	*54-127 %*	*1*	*05/14/19*	*EPA 8270D (SIM)*	
DP-10(2-3) (A9E0401-31)				**Matrix: Soil**			**Batch: 9050815**	
Acenaphthene	ND	---	0.00998	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.00998	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.00998	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.00998	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.00998	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.00998	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-10(2-3) (A9E0401-31)				**Matrix: Soil**			**Batch: 9050815**	
Benzo(k)fluoranthene	ND	---	0.00998	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	**0.0135**	---	0.00998	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.00998	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.00998	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.00998	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.00998	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.00998	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	**0.0140**	---	0.00998	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.00998	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.00998	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.00998	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.00998	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.00998	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*78 %*	*Limits: 44-120 %*	*1*	*05/14/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*74 %*	*54-127 %*	*1*	*05/14/19*	*EPA 8270D (SIM)*	
DP-10(13-14) (A9E0401-33)				**Matrix: Soil**			**Batch: 9050815**	
Acenaphthene	ND	---	0.0115	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.0115	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.0115	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.0115	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.0115	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.0115	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.0115	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.0115	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.0115	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.0115	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.0115	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.0115	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.0115	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.0115	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.0115	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.0115	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-10(13-14) (A9E0401-33)				**Matrix: Soil**			**Batch: 9050815**	
Naphthalene	ND	---	0.0115	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.0115	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.0115	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*79 %*	*Limits: 44-120 %*	*1*	*05/14/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*77 %*	*54-127 %*	*1*	*05/14/19*	*EPA 8270D (SIM)*	
DP-11(3-4) (A9E0401-34)				**Matrix: Soil**			**Batch: 9050815**	
Acenaphthene	ND	---	0.0116	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.0116	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.0116	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.0116	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.0116	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.0116	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.0116	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.0116	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.0116	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.0116	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.0116	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.0116	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.0116	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.0116	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.0116	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.0116	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.0116	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.0116	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.0116	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*76 %*	*Limits: 44-120 %*	*1*	*05/14/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*75 %*	*54-127 %*	*1*	*05/14/19*	*EPA 8270D (SIM)*	
DP-11(10-11) (A9E0401-36)				**Matrix: Soil**			**Batch: 9050815**	
Acenaphthene	ND	---	0.00983	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.00983	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.00983	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.00983	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	

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Philip Nerenberg, Lab Director

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Tigard, OR 97223
503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-11(10-11) (A9E0401-36)				**Matrix: Soil**			**Batch: 9050815**	
Benzo(a)pyrene	ND	---	0.00983	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.00983	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.00983	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.00983	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.00983	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.00983	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.00983	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.00983	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.00983	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.00983	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.00983	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.00983	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.00983	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.00983	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.00983	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*70 %*	*Limits: 44-120 %*	*1*	*05/14/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*67 %*	*54-127 %*	*1*	*05/14/19*	*EPA 8270D (SIM)*	
DP-11(18-19) (A9E0401-37)				**Matrix: Soil**			**Batch: 9050815**	
Acenaphthene	ND	---	0.00943	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.00943	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.00943	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.00943	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.00943	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.00943	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.00943	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.00943	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.00943	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.00943	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.00943	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.00943	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.00943	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.00943	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-11(18-19) (A9E0401-37)				**Matrix: Soil**			**Batch: 9050815**	
1-Methylnaphthalene	ND	---	0.00943	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.00943	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.00943	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.00943	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.00943	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*77 %*	*Limits: 44-120 %*	*1*	*05/14/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*75 %*	*54-127 %*	*1*	*05/14/19*	*EPA 8270D (SIM)*	
DP-12(1-12) (A9E0401-38)				**Matrix: Soil**			**Batch: 9050815**	
Acenaphthene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*78 %*	*Limits: 44-120 %*	*1*	*05/15/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*74 %*	*54-127 %*	*1*	*05/15/19*	*EPA 8270D (SIM)*	
DP-12(12-13) (A9E0401-40)				**Matrix: Soil**			**Batch: 9050815**	
Acenaphthene	ND	---	0.0103	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.0103	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-12(12-13) (A9E0401-40)				**Matrix: Soil**			**Batch: 9050815**	
Anthracene	ND	---	0.0103	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.0103	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.0103	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.0103	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.0103	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.0103	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.0103	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.0103	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.0103	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.0103	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.0103	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.0103	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.0103	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.0103	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.0103	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.0103	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.0103	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*78 %*	*Limits: 44-120 %*	*1*	*05/15/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*77 %*	*54-127 %*	*1*	*05/15/19*	*EPA 8270D (SIM)*	
DP-12(16-17) (A9E0401-41)				**Matrix: Soil**			**Batch: 9050815**	
Acenaphthene	ND	---	0.00992	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.00992	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.00992	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.00992	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.00992	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.00992	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.00992	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.00992	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.00992	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.00992	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.00992	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.00992	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-12(16-17) (A9E0401-41)				**Matrix: Soil**			**Batch: 9050815**	
Fluorene	ND	---	0.00992	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.00992	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.00992	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.00992	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.00992	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.00992	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.00992	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*76 %*	*Limits: 44-120 %*	*1*	*05/15/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*75 %*	*54-127 %*	*1*	*05/15/19*	*EPA 8270D (SIM)*	
DP-13(4-5) (A9E0401-42)				**Matrix: Soil**			**Batch: 9050815**	
Acenaphthene	ND	---	0.0115	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.0115	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.0115	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.0115	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.0115	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.0115	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.0115	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.0115	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.0115	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.0115	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.0115	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.0115	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.0115	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.0115	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.0115	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.0115	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.0115	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.0115	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.0115	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*75 %*	*Limits: 44-120 %*	*1*	*05/15/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*70 %*	*54-127 %*	*1*	*05/15/19*	*EPA 8270D (SIM)*	
DP-13(9-10) (A9E0401-44)				**Matrix: Soil**			**Batch: 9050815**	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-13(9-10) (A9E0401-44)				**Matrix: Soil**			**Batch: 9050815**	
Acenaphthene	ND	---	0.0104	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.0104	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.0104	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.0104	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.0104	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.0104	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.0104	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.0104	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.0104	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.0104	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.0104	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.0104	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.0104	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.0104	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.0104	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.0104	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.0104	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.0104	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.0104	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*68 %*	*Limits: 44-120 %*	*1*	*05/15/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*68 %*	*54-127 %*	*1*	*05/15/19*	*EPA 8270D (SIM)*	
DP-14(2-3) (A9E0401-46)				**Matrix: Soil**			**Batch: 9050815**	
Acenaphthene	ND	---	0.0124	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.0124	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.0124	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.0124	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.0124	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.0124	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.0124	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.0124	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.0124	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.0124	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	

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Philip Nerenberg

Philip Nerenberg, Lab Director

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Tigard, OR 97223
503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-14(2-3) (A9E0401-46)				**Matrix: Soil**			**Batch: 9050815**	
Dibenzofuran	ND	---	0.0124	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.0124	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.0124	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.0124	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.0124	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.0124	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.0124	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.0124	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.0124	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*77 %*	*Limits: 44-120 %*	*1*	*05/15/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*76 %*	*54-127 %*	*1*	*05/15/19*	*EPA 8270D (SIM)*	
DP-14(11-12) (A9E0401-48)				**Matrix: Soil**			**Batch: 9050815**	
Acenaphthene	ND	---	0.0116	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.0116	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.0116	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.0116	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.0116	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.0116	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.0116	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.0116	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.0116	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.0116	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.0116	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.0116	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.0116	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.0116	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.0116	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.0116	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.0116	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.0116	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.0116	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*78 %*	*Limits: 44-120 %*	*1*	*05/15/19*	*EPA 8270D (SIM)*	

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Philip Nerenberg, Lab Director

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GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-14(11-12) (A9E0401-48)				**Matrix: Soil**			**Batch: 9050815**	
Surrogate: p-Terphenyl-d14 (Surr)			*Recovery: 77 %*	*Limits: 54-127 %*	*1*	*05/15/19*	*EPA 8270D (SIM)*	
DP-15(4-5) (A9E0401-49)				**Matrix: Soil**			**Batch: 9050815**	
Acenaphthene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)			*Recovery: 76 %*	*Limits: 44-120 %*	*1*	*05/14/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*73 %*	*54-127 %*	*1*	*05/14/19*	*EPA 8270D (SIM)*	
DP-16(2-3) (A9E0401-52)				**Matrix: Soil**			**Batch: 9050917**	
Acenaphthene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	

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EPA ID: OR01039

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-16(2-3) (A9E0401-52)				**Matrix: Soil**			**Batch: 9050917**	
Chrysene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*73 %*	*Limits: 44-120 %*	*1*	*05/15/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*76 %*	*54-127 %*	*1*	*05/15/19*	*EPA 8270D (SIM)*	

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Total Metals by EPA 6020A (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-1(0.5-1.5) (A9E0401-01)				**Matrix: Soil**				
Batch: 9051090								
Arsenic	**5.38**	---	1.32	mg/kg dry	10	05/21/19	EPA 6020A	
Barium	**179**	---	1.32	mg/kg dry	10	05/21/19	EPA 6020A	
Cadmium	**0.358**	---	0.264	mg/kg dry	10	05/21/19	EPA 6020A	
Chromium	**19.1**	---	1.32	mg/kg dry	10	05/21/19	EPA 6020A	
Lead	**10.8**	---	0.264	mg/kg dry	10	05/21/19	EPA 6020A	
Mercury	ND	---	0.105	mg/kg dry	10	05/21/19	EPA 6020A	
Selenium	ND	---	1.32	mg/kg dry	10	05/21/19	EPA 6020A	
Silver	ND	---	0.264	mg/kg dry	10	05/21/19	EPA 6020A	
DP-1(11.5-12.5) (A9E0401-03)				**Matrix: Soil**				
Batch: 9051090								
Arsenic	**3.90**	---	1.20	mg/kg dry	10	05/21/19	EPA 6020A	
Barium	**122**	---	1.20	mg/kg dry	10	05/21/19	EPA 6020A	
Cadmium	**0.805**	---	0.241	mg/kg dry	10	05/21/19	EPA 6020A	
Chromium	**10.6**	---	1.20	mg/kg dry	10	05/21/19	EPA 6020A	
Lead	**7.02**	---	0.241	mg/kg dry	10	05/21/19	EPA 6020A	
Mercury	ND	---	0.0964	mg/kg dry	10	05/21/19	EPA 6020A	
Selenium	ND	---	1.20	mg/kg dry	10	05/21/19	EPA 6020A	
Silver	ND	---	0.241	mg/kg dry	10	05/21/19	EPA 6020A	
DP-2(1-2) (A9E0401-04)				**Matrix: Soil**				
Batch: 9051090								
Arsenic	**12.0**	---	1.30	mg/kg dry	10	05/21/19	EPA 6020A	
Barium	**187**	---	1.30	mg/kg dry	10	05/21/19	EPA 6020A	
Cadmium	**0.534**	---	0.260	mg/kg dry	10	05/21/19	EPA 6020A	
Chromium	**24.4**	---	1.30	mg/kg dry	10	05/21/19	EPA 6020A	
Lead	**14.0**	---	0.260	mg/kg dry	10	05/21/19	EPA 6020A	
Mercury	ND	---	0.104	mg/kg dry	10	05/21/19	EPA 6020A	
Selenium	ND	---	1.30	mg/kg dry	10	05/21/19	EPA 6020A	
Silver	ND	---	0.260	mg/kg dry	10	05/21/19	EPA 6020A	
DP-2(12-13) (A9E0401-06)				**Matrix: Soil**				
Batch: 9051090								

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Total Metals by EPA 6020A (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-2(12-13) (A9E0401-06)				**Matrix: Soil**				
Arsenic	**5.80**	---	1.38	mg/kg dry	10	05/21/19	EPA 6020A	
Barium	**151**	---	1.38	mg/kg dry	10	05/21/19	EPA 6020A	
Cadmium	**0.931**	---	0.276	mg/kg dry	10	05/21/19	EPA 6020A	
Chromium	**17.6**	---	1.38	mg/kg dry	10	05/21/19	EPA 6020A	
Lead	**8.53**	---	0.276	mg/kg dry	10	05/21/19	EPA 6020A	
Mercury	ND	---	0.110	mg/kg dry	10	05/21/19	EPA 6020A	
Selenium	ND	---	1.38	mg/kg dry	10	05/21/19	EPA 6020A	
Silver	ND	---	0.276	mg/kg dry	10	05/21/19	EPA 6020A	
DP-3(1-2) (A9E0401-07)				**Matrix: Soil**				
Batch: 9051090								
Arsenic	**11.7**	---	1.34	mg/kg dry	10	05/21/19	EPA 6020A	
Barium	**215**	---	1.34	mg/kg dry	10	05/21/19	EPA 6020A	
Cadmium	**0.615**	---	0.268	mg/kg dry	10	05/21/19	EPA 6020A	
Chromium	**26.1**	---	1.34	mg/kg dry	10	05/21/19	EPA 6020A	
Lead	**14.9**	---	0.268	mg/kg dry	10	05/21/19	EPA 6020A	
Mercury	ND	---	0.107	mg/kg dry	10	05/21/19	EPA 6020A	
Selenium	ND	---	1.34	mg/kg dry	10	05/21/19	EPA 6020A	
Silver	ND	---	0.268	mg/kg dry	10	05/21/19	EPA 6020A	
DP-3(12-13) (A9E0401-09)				**Matrix: Soil**				
Batch: 9051090								
Arsenic	**5.35**	---	1.38	mg/kg dry	10	05/21/19	EPA 6020A	
Barium	**150**	---	1.38	mg/kg dry	10	05/21/19	EPA 6020A	
Cadmium	**0.698**	---	0.277	mg/kg dry	10	05/21/19	EPA 6020A	
Chromium	**16.4**	---	1.38	mg/kg dry	10	05/21/19	EPA 6020A	
Lead	**8.83**	---	0.277	mg/kg dry	10	05/21/19	EPA 6020A	
Mercury	ND	---	0.111	mg/kg dry	10	05/21/19	EPA 6020A	
Selenium	ND	---	1.38	mg/kg dry	10	05/21/19	EPA 6020A	
Silver	ND	---	0.277	mg/kg dry	10	05/21/19	EPA 6020A	
DP-4(0.5-1.5) (A9E0401-10)				**Matrix: Soil**				
Batch: 9051090								
Arsenic	**7.75**	---	1.26	mg/kg dry	10	05/21/19	EPA 6020A	

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Total Metals by EPA 6020A (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-4(0.5-1.5) (A9E0401-10)				**Matrix: Soil**				
Barium	**183**	---	1.26	mg/kg dry	10	05/21/19	EPA 6020A	
Cadmium	**0.431**	---	0.252	mg/kg dry	10	05/21/19	EPA 6020A	
Chromium	**15.0**	---	1.26	mg/kg dry	10	05/21/19	EPA 6020A	
Lead	**194**	---	0.252	mg/kg dry	10	05/21/19	EPA 6020A	
Mercury	ND	---	0.101	mg/kg dry	10	05/21/19	EPA 6020A	
Selenium	ND	---	1.26	mg/kg dry	10	05/21/19	EPA 6020A	
Silver	ND	---	0.252	mg/kg dry	10	05/21/19	EPA 6020A	
DP-4(8-9) (A9E0401-11)				**Matrix: Soil**				
Batch: 9051090								
Arsenic	**8.87**	---	1.43	mg/kg dry	10	05/21/19	EPA 6020A	
Barium	**186**	---	1.43	mg/kg dry	10	05/21/19	EPA 6020A	
Cadmium	**1.05**	---	0.286	mg/kg dry	10	05/21/19	EPA 6020A	
Chromium	**21.0**	---	1.43	mg/kg dry	10	05/21/19	EPA 6020A	
Lead	**11.9**	---	0.286	mg/kg dry	10	05/21/19	EPA 6020A	
Mercury	ND	---	0.114	mg/kg dry	10	05/21/19	EPA 6020A	
Selenium	ND	---	1.43	mg/kg dry	10	05/21/19	EPA 6020A	
Silver	ND	---	0.286	mg/kg dry	10	05/21/19	EPA 6020A	
DP-4(11.5-12.5) (A9E0401-12)				**Matrix: Soil**				
Batch: 9051132								
Arsenic	**4.16**	---	1.24	mg/kg dry	10	05/22/19	EPA 6020A	
Barium	**122**	---	1.24	mg/kg dry	10	05/22/19	EPA 6020A	
Cadmium	**0.693**	---	0.248	mg/kg dry	10	05/22/19	EPA 6020A	
Chromium	**11.1**	---	1.24	mg/kg dry	10	05/22/19	EPA 6020A	
Lead	**6.64**	---	0.248	mg/kg dry	10	05/22/19	EPA 6020A	
Mercury	ND	---	0.0991	mg/kg dry	10	05/22/19	EPA 6020A	
Selenium	ND	---	1.24	mg/kg dry	10	05/22/19	EPA 6020A	
Silver	ND	---	0.248	mg/kg dry	10	05/22/19	EPA 6020A	
DP-5(1-2) (A9E0401-16)				**Matrix: Soil**				
Batch: 9051132								
Arsenic	**9.54**	---	1.36	mg/kg dry	10	05/22/19	EPA 6020A	
Barium	**190**	---	1.36	mg/kg dry	10	05/22/19	EPA 6020A	

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Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Total Metals by EPA 6020A (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-5(1-2) (A9E0401-16)				**Matrix: Soil**				
Cadmium	**0.545**	---	0.273	mg/kg dry	10	05/22/19	EPA 6020A	
Chromium	**21.3**	---	1.36	mg/kg dry	10	05/22/19	EPA 6020A	
Lead	**28.3**	---	0.273	mg/kg dry	10	05/22/19	EPA 6020A	
Mercury	ND	---	0.109	mg/kg dry	10	05/22/19	EPA 6020A	
Selenium	ND	---	1.36	mg/kg dry	10	05/22/19	EPA 6020A	
Silver	ND	---	0.273	mg/kg dry	10	05/22/19	EPA 6020A	
DP-5(8.5-9.5) (A9E0401-17)				**Matrix: Soil**				
Batch: 9051132								
Arsenic	**9.06**	---	1.47	mg/kg dry	10	05/22/19	EPA 6020A	
Barium	**164**	---	1.47	mg/kg dry	10	05/22/19	EPA 6020A	
Cadmium	**0.784**	---	0.293	mg/kg dry	10	05/22/19	EPA 6020A	
Chromium	**23.8**	---	1.47	mg/kg dry	10	05/22/19	EPA 6020A	
Lead	**11.1**	---	0.293	mg/kg dry	10	05/22/19	EPA 6020A	
Mercury	ND	---	0.117	mg/kg dry	10	05/22/19	EPA 6020A	
Selenium	ND	---	1.47	mg/kg dry	10	05/22/19	EPA 6020A	
Silver	ND	---	0.293	mg/kg dry	10	05/22/19	EPA 6020A	
DP-5(13-14) (A9E0401-18)				**Matrix: Soil**				
Batch: 9051132								
Arsenic	**5.67**	---	1.32	mg/kg dry	10	05/22/19	EPA 6020A	
Barium	**157**	---	1.32	mg/kg dry	10	05/22/19	EPA 6020A	
Cadmium	**0.800**	---	0.263	mg/kg dry	10	05/22/19	EPA 6020A	
Chromium	**20.1**	---	1.32	mg/kg dry	10	05/22/19	EPA 6020A	
Lead	**7.32**	---	0.263	mg/kg dry	10	05/22/19	EPA 6020A	
Mercury	ND	---	0.105	mg/kg dry	10	05/22/19	EPA 6020A	
Selenium	ND	---	1.32	mg/kg dry	10	05/22/19	EPA 6020A	
Silver	ND	---	0.263	mg/kg dry	10	05/22/19	EPA 6020A	
DP-6(1-2) (A9E0401-19)				**Matrix: Soil**				
Batch: 9051132								
Arsenic	**13.0**	---	1.32	mg/kg dry	10	05/22/19	EPA 6020A	
Barium	**171**	---	1.32	mg/kg dry	10	05/22/19	EPA 6020A	
Cadmium	**0.634**	---	0.263	mg/kg dry	10	05/22/19	EPA 6020A	

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Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Total Metals by EPA 6020A (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-6(1-2) (A9E0401-19)				**Matrix: Soil**				
Chromium	**25.0**	---	1.32	mg/kg dry	10	05/22/19	EPA 6020A	
Lead	**15.3**	---	0.263	mg/kg dry	10	05/22/19	EPA 6020A	
Mercury	ND	---	0.105	mg/kg dry	10	05/22/19	EPA 6020A	
Selenium	ND	---	1.32	mg/kg dry	10	05/22/19	EPA 6020A	
Silver	ND	---	0.263	mg/kg dry	10	05/22/19	EPA 6020A	
DP-6(8-9) (A9E0401-20)				**Matrix: Soil**				
Batch: 9051132								
Arsenic	**8.43**	---	1.35	mg/kg dry	10	05/22/19	EPA 6020A	
Barium	**178**	---	1.35	mg/kg dry	10	05/22/19	EPA 6020A	
Cadmium	**0.842**	---	0.270	mg/kg dry	10	05/22/19	EPA 6020A	
Chromium	**26.3**	---	1.35	mg/kg dry	10	05/22/19	EPA 6020A	
Lead	**10.5**	---	0.270	mg/kg dry	10	05/22/19	EPA 6020A	
Mercury	ND	---	0.108	mg/kg dry	10	05/22/19	EPA 6020A	
Selenium	ND	---	1.35	mg/kg dry	10	05/22/19	EPA 6020A	
Silver	ND	---	0.270	mg/kg dry	10	05/22/19	EPA 6020A	
DP-6(12.5-13.5) (A9E0401-21)				**Matrix: Soil**				
Batch: 9051132								
Arsenic	**6.21**	---	1.32	mg/kg dry	10	05/22/19	EPA 6020A	
Barium	**145**	---	1.32	mg/kg dry	10	05/22/19	EPA 6020A	
Cadmium	**0.839**	---	0.265	mg/kg dry	10	05/22/19	EPA 6020A	
Chromium	**18.2**	---	1.32	mg/kg dry	10	05/22/19	EPA 6020A	
Lead	**8.40**	---	0.265	mg/kg dry	10	05/22/19	EPA 6020A	
Mercury	ND	---	0.106	mg/kg dry	10	05/22/19	EPA 6020A	
Selenium	ND	---	1.32	mg/kg dry	10	05/22/19	EPA 6020A	
Silver	ND	---	0.265	mg/kg dry	10	05/22/19	EPA 6020A	
DP-7(1-2) (A9E0401-22)				**Matrix: Soil**				
Batch: 9051132								
Arsenic	ND	---	1.10	mg/kg dry	10	05/22/19	EPA 6020A	
Barium	**34.1**	---	1.10	mg/kg dry	10	05/22/19	EPA 6020A	
Cadmium	ND	---	0.220	mg/kg dry	10	05/22/19	EPA 6020A	
Chromium	**4.90**	---	1.10	mg/kg dry	10	05/22/19	EPA 6020A	

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Total Metals by EPA 6020A (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-7(1-2) (A9E0401-22)				**Matrix: Soil**				
Lead	**3.06**	---	0.220	mg/kg dry	10	05/22/19	EPA 6020A	
Mercury	ND	---	0.0879	mg/kg dry	10	05/22/19	EPA 6020A	
Selenium	ND	---	1.10	mg/kg dry	10	05/22/19	EPA 6020A	
Silver	ND	---	0.220	mg/kg dry	10	05/22/19	EPA 6020A	
DP-7(6.5-7.5) (A9E0401-23)				**Matrix: Soil**				
Batch: 9051132								
Arsenic	**3.32**	---	1.18	mg/kg dry	10	05/22/19	EPA 6020A	
Barium	**86.8**	---	1.18	mg/kg dry	10	05/22/19	EPA 6020A	
Chromium	**10.9**	---	1.18	mg/kg dry	10	05/22/19	EPA 6020A	
Lead	**14.8**	---	0.236	mg/kg dry	10	05/22/19	EPA 6020A	
Mercury	ND	---	0.0944	mg/kg dry	10	05/22/19	EPA 6020A	
Selenium	ND	---	1.18	mg/kg dry	10	05/22/19	EPA 6020A	
Silver	ND	---	0.236	mg/kg dry	10	05/22/19	EPA 6020A	
DP-7(6.5-7.5) (A9E0401-23RE1)				**Matrix: Soil**				
Batch: 9051132								
Cadmium	**0.413**	---	0.236	mg/kg dry	10	05/28/19	EPA 6020A	
DP-7(11.5-12.5) (A9E0401-24)				**Matrix: Soil**				
Batch: 9051132								
Arsenic	**4.56**	---	1.25	mg/kg dry	10	05/22/19	EPA 6020A	
Barium	**118**	---	1.25	mg/kg dry	10	05/22/19	EPA 6020A	
Cadmium	**0.689**	---	0.250	mg/kg dry	10	05/22/19	EPA 6020A	
Chromium	**11.5**	---	1.25	mg/kg dry	10	05/22/19	EPA 6020A	
Lead	**19.5**	---	0.250	mg/kg dry	10	05/22/19	EPA 6020A	
Mercury	ND	---	0.100	mg/kg dry	10	05/22/19	EPA 6020A	
Selenium	ND	---	1.25	mg/kg dry	10	05/22/19	EPA 6020A	
Silver	ND	---	0.250	mg/kg dry	10	05/22/19	EPA 6020A	
DP-8(1.5-2.5) (A9E0401-25)				**Matrix: Soil**				
Batch: 9051132								
Arsenic	**9.90**	---	1.48	mg/kg dry	10	05/22/19	EPA 6020A	
Barium	**182**	---	1.48	mg/kg dry	10	05/22/19	EPA 6020A	
Cadmium	**0.899**	---	0.296	mg/kg dry	10	05/22/19	EPA 6020A	

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Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Total Metals by EPA 6020A (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-8(1.5-2.5) (A9E0401-25)				**Matrix: Soil**				
Chromium	**21.2**	---	1.48	mg/kg dry	10	05/22/19	EPA 6020A	
Lead	**15.0**	---	0.296	mg/kg dry	10	05/22/19	EPA 6020A	
Mercury	ND	---	0.118	mg/kg dry	10	05/22/19	EPA 6020A	
Selenium	ND	---	1.48	mg/kg dry	10	05/22/19	EPA 6020A	
Silver	ND	---	0.296	mg/kg dry	10	05/22/19	EPA 6020A	
DP-8(8-9) (A9E0401-26)				**Matrix: Soil**				
Batch: 9051132								
Arsenic	**4.36**	---	1.23	mg/kg dry	10	05/22/19	EPA 6020A	
Barium	**132**	---	1.23	mg/kg dry	10	05/22/19	EPA 6020A	
Cadmium	**0.790**	---	0.246	mg/kg dry	10	05/22/19	EPA 6020A	
Chromium	**11.5**	---	1.23	mg/kg dry	10	05/22/19	EPA 6020A	
Lead	**7.56**	---	0.246	mg/kg dry	10	05/22/19	EPA 6020A	
Mercury	ND	---	0.0982	mg/kg dry	10	05/22/19	EPA 6020A	
Selenium	ND	---	1.23	mg/kg dry	10	05/22/19	EPA 6020A	
Silver	ND	---	0.246	mg/kg dry	10	05/22/19	EPA 6020A	
DP-8(11.5-12.5) (A9E0401-27)				**Matrix: Soil**				
Batch: 9051132								
Arsenic	**3.89**	---	1.11	mg/kg dry	10	05/22/19	EPA 6020A	
Barium	**114**	---	1.11	mg/kg dry	10	05/22/19	EPA 6020A	
Cadmium	**0.552**	---	0.222	mg/kg dry	10	05/22/19	EPA 6020A	
Chromium	**11.6**	---	1.11	mg/kg dry	10	05/22/19	EPA 6020A	
Lead	**5.08**	---	0.222	mg/kg dry	10	05/22/19	EPA 6020A	
Mercury	ND	---	0.0889	mg/kg dry	10	05/22/19	EPA 6020A	
Selenium	ND	---	1.11	mg/kg dry	10	05/22/19	EPA 6020A	
Silver	ND	---	0.222	mg/kg dry	10	05/22/19	EPA 6020A	
DP-9(1-2) (A9E0401-28)				**Matrix: Soil**				
Batch: 9051132								
Arsenic	**11.2**	---	1.55	mg/kg dry	10	05/22/19	EPA 6020A	
Barium	**201**	---	1.55	mg/kg dry	10	05/22/19	EPA 6020A	
Cadmium	**0.920**	---	0.311	mg/kg dry	10	05/22/19	EPA 6020A	
Chromium	**22.8**	---	1.55	mg/kg dry	10	05/22/19	EPA 6020A	

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ANALYTICAL SAMPLE RESULTS

Total Metals by EPA 6020A (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-9(1-2) (A9E0401-28)				**Matrix: Soil**				
Lead	**15.9**	---	0.311	mg/kg dry	10	05/22/19	EPA 6020A	
Mercury	ND	---	0.124	mg/kg dry	10	05/22/19	EPA 6020A	
Selenium	ND	---	1.55	mg/kg dry	10	05/22/19	EPA 6020A	
Silver	ND	---	0.311	mg/kg dry	10	05/22/19	EPA 6020A	
DP-9(8-9) (A9E0401-29)				**Matrix: Soil**				
Batch: 9051132								
Arsenic	**5.36**	---	1.35	mg/kg dry	10	05/22/19	EPA 6020A	
Barium	**140**	---	1.35	mg/kg dry	10	05/22/19	EPA 6020A	
Cadmium	**0.784**	---	0.269	mg/kg dry	10	05/22/19	EPA 6020A	
Chromium	**18.8**	---	1.35	mg/kg dry	10	05/22/19	EPA 6020A	
Lead	**7.96**	---	0.269	mg/kg dry	10	05/22/19	EPA 6020A	
Mercury	ND	---	0.108	mg/kg dry	10	05/22/19	EPA 6020A	
Selenium	ND	---	1.35	mg/kg dry	10	05/22/19	EPA 6020A	
Silver	ND	---	0.269	mg/kg dry	10	05/22/19	EPA 6020A	
DP-10(2-3) (A9E0401-31)				**Matrix: Soil**				
Batch: 9051132								
Arsenic	**7.37**	---	1.27	mg/kg dry	10	05/22/19	EPA 6020A	
Barium	**132**	---	1.27	mg/kg dry	10	05/22/19	EPA 6020A	
Chromium	**19.6**	---	1.27	mg/kg dry	10	05/22/19	EPA 6020A	
Lead	**13.8**	---	0.254	mg/kg dry	10	05/22/19	EPA 6020A	
Mercury	ND	---	0.102	mg/kg dry	10	05/22/19	EPA 6020A	
Selenium	ND	---	1.27	mg/kg dry	10	05/22/19	EPA 6020A	
Silver	ND	---	0.254	mg/kg dry	10	05/22/19	EPA 6020A	
DP-10(2-3) (A9E0401-31RE1)				**Matrix: Soil**				
Batch: 9051132								
Cadmium	ND	---	0.254	mg/kg dry	10	05/28/19	EPA 6020A	
DP-10(13-14) (A9E0401-33)				**Matrix: Soil**				
Batch: 9051132								
Arsenic	**7.11**	---	1.34	mg/kg dry	10	05/22/19	EPA 6020A	
Barium	**208**	---	1.34	mg/kg dry	10	05/22/19	EPA 6020A	
Cadmium	**0.929**	---	0.267	mg/kg dry	10	05/22/19	EPA 6020A	

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ANALYTICAL SAMPLE RESULTS

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Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-10(13-14) (A9E0401-33)				**Matrix: Soil**				
Chromium	**22.8**	---	1.34	mg/kg dry	10	05/22/19	EPA 6020A	
Lead	**9.44**	---	0.267	mg/kg dry	10	05/22/19	EPA 6020A	
Mercury	ND	---	0.107	mg/kg dry	10	05/22/19	EPA 6020A	
Selenium	ND	---	1.34	mg/kg dry	10	05/22/19	EPA 6020A	
Silver	ND	---	0.267	mg/kg dry	10	05/22/19	EPA 6020A	
DP-11(3-4) (A9E0401-34)				**Matrix: Soil**				
Batch: 9051132								
Arsenic	**9.11**	---	1.38	mg/kg dry	10	05/22/19	EPA 6020A	
Barium	**199**	---	1.38	mg/kg dry	10	05/22/19	EPA 6020A	
Cadmium	**0.624**	---	0.276	mg/kg dry	10	05/22/19	EPA 6020A	
Chromium	**25.1**	---	1.38	mg/kg dry	10	05/22/19	EPA 6020A	
Lead	**13.6**	---	0.276	mg/kg dry	10	05/22/19	EPA 6020A	
Mercury	ND	---	0.110	mg/kg dry	10	05/22/19	EPA 6020A	
Selenium	ND	---	1.38	mg/kg dry	10	05/22/19	EPA 6020A	
Silver	ND	---	0.276	mg/kg dry	10	05/22/19	EPA 6020A	
DP-11(10-11) (A9E0401-36)				**Matrix: Soil**				
Batch: 9051132								
Arsenic	**3.86**	---	1.22	mg/kg dry	10	05/22/19	EPA 6020A	
Barium	**132**	---	1.22	mg/kg dry	10	05/22/19	EPA 6020A	
Cadmium	**0.557**	---	0.245	mg/kg dry	10	05/22/19	EPA 6020A	
Chromium	**12.3**	---	1.22	mg/kg dry	10	05/22/19	EPA 6020A	
Lead	**5.67**	---	0.245	mg/kg dry	10	05/22/19	EPA 6020A	
Mercury	ND	---	0.0980	mg/kg dry	10	05/22/19	EPA 6020A	
Selenium	ND	---	1.22	mg/kg dry	10	05/22/19	EPA 6020A	
Silver	ND	---	0.245	mg/kg dry	10	05/22/19	EPA 6020A	
DP-11(18-19) (A9E0401-37)				**Matrix: Soil**				
Batch: 9051151								
Arsenic	**3.98**	---	1.23	mg/kg dry	10	05/22/19	EPA 6020A	
Barium	**106**	---	1.23	mg/kg dry	10	05/22/19	EPA 6020A	
Cadmium	**0.587**	---	0.246	mg/kg dry	10	05/22/19	EPA 6020A	
Chromium	**11.9**	---	1.23	mg/kg dry	10	05/22/19	EPA 6020A	

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ANALYTICAL SAMPLE RESULTS

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Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-11(18-19) (A9E0401-37)				**Matrix: Soil**				
Lead	**5.57**	---	0.246	mg/kg dry	10	05/22/19	EPA 6020A	
Mercury	ND	---	0.0985	mg/kg dry	10	05/22/19	EPA 6020A	
Selenium	ND	---	1.23	mg/kg dry	10	05/22/19	EPA 6020A	
Silver	ND	---	0.246	mg/kg dry	10	05/22/19	EPA 6020A	
DP-12(1-12) (A9E0401-38)				**Matrix: Soil**				
Batch: 9051151								
Arsenic	**11.3**	---	1.39	mg/kg dry	10	05/22/19	EPA 6020A	
Barium	**176**	---	1.39	mg/kg dry	10	05/22/19	EPA 6020A	
Cadmium	**1.08**	---	0.279	mg/kg dry	10	05/22/19	EPA 6020A	
Chromium	**29.1**	---	1.39	mg/kg dry	10	05/22/19	EPA 6020A	
Lead	**14.2**	---	0.279	mg/kg dry	10	05/22/19	EPA 6020A	
Mercury	ND	---	0.112	mg/kg dry	10	05/22/19	EPA 6020A	
Selenium	ND	---	1.39	mg/kg dry	10	05/22/19	EPA 6020A	
Silver	ND	---	0.279	mg/kg dry	10	05/22/19	EPA 6020A	
DP-12(12-13) (A9E0401-40)				**Matrix: Soil**				
Batch: 9051151								
Arsenic	**4.79**	---	1.23	mg/kg dry	10	05/22/19	EPA 6020A	
Barium	**141**	---	1.23	mg/kg dry	10	05/22/19	EPA 6020A	
Chromium	**15.1**	---	1.23	mg/kg dry	10	05/22/19	EPA 6020A	
Lead	**5.69**	---	0.245	mg/kg dry	10	05/22/19	EPA 6020A	
Mercury	ND	---	0.0981	mg/kg dry	10	05/22/19	EPA 6020A	
Selenium	ND	---	1.23	mg/kg dry	10	05/22/19	EPA 6020A	
Silver	ND	---	0.245	mg/kg dry	10	05/22/19	EPA 6020A	
DP-12(12-13) (A9E0401-40RE1)				**Matrix: Soil**				
Batch: 9051151								
Cadmium	**0.624**	---	0.245	mg/kg dry	10	05/28/19	EPA 6020A	
DP-12(16-17) (A9E0401-41)				**Matrix: Soil**				
Batch: 9051151								
Arsenic	**4.18**	---	1.18	mg/kg dry	10	05/22/19	EPA 6020A	
Barium	**109**	---	1.18	mg/kg dry	10	05/22/19	EPA 6020A	
Cadmium	**0.607**	---	0.237	mg/kg dry	10	05/22/19	EPA 6020A	

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EPA ID: OR01039

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Total Metals by EPA 6020A (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-12(16-17) (A9E0401-41)				**Matrix: Soil**				
Chromium	**11.3**	---	1.18	mg/kg dry	10	05/22/19	EPA 6020A	
Lead	**5.69**	---	0.237	mg/kg dry	10	05/22/19	EPA 6020A	
Mercury	ND	---	0.0947	mg/kg dry	10	05/22/19	EPA 6020A	
Selenium	ND	---	1.18	mg/kg dry	10	05/22/19	EPA 6020A	
Silver	ND	---	0.237	mg/kg dry	10	05/22/19	EPA 6020A	
DP-13(4-5) (A9E0401-42)				**Matrix: Soil**				
Batch: 9051151								
Arsenic	**12.3**	---	1.37	mg/kg dry	10	05/22/19	EPA 6020A	
Barium	**179**	---	1.37	mg/kg dry	10	05/22/19	EPA 6020A	
Cadmium	**0.974**	---	0.273	mg/kg dry	10	05/22/19	EPA 6020A	
Chromium	**24.3**	---	1.37	mg/kg dry	10	05/22/19	EPA 6020A	
Lead	**15.1**	---	0.273	mg/kg dry	10	05/22/19	EPA 6020A	
Mercury	ND	---	0.109	mg/kg dry	10	05/22/19	EPA 6020A	
Selenium	ND	---	1.37	mg/kg dry	10	05/22/19	EPA 6020A	
Silver	ND	---	0.273	mg/kg dry	10	05/22/19	EPA 6020A	
DP-13(9-10) (A9E0401-44)				**Matrix: Soil**				
Batch: 9051151								
Arsenic	**4.89**	---	1.35	mg/kg dry	10	05/22/19	EPA 6020A	
Barium	**127**	---	1.35	mg/kg dry	10	05/22/19	EPA 6020A	
Cadmium	**0.801**	---	0.269	mg/kg dry	10	05/22/19	EPA 6020A	
Chromium	**14.4**	---	1.35	mg/kg dry	10	05/22/19	EPA 6020A	
Lead	**7.16**	---	0.269	mg/kg dry	10	05/22/19	EPA 6020A	
Mercury	ND	---	0.108	mg/kg dry	10	05/22/19	EPA 6020A	
Selenium	ND	---	1.35	mg/kg dry	10	05/22/19	EPA 6020A	
Silver	ND	---	0.269	mg/kg dry	10	05/22/19	EPA 6020A	
DP-14(2-3) (A9E0401-46)				**Matrix: Soil**				
Batch: 9051151								
Arsenic	**11.4**	---	1.46	mg/kg dry	10	05/22/19	EPA 6020A	
Barium	**231**	---	1.46	mg/kg dry	10	05/22/19	EPA 6020A	
Cadmium	**1.06**	---	0.291	mg/kg dry	10	05/22/19	EPA 6020A	
Chromium	**28.5**	---	1.46	mg/kg dry	10	05/22/19	EPA 6020A	

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ANALYTICAL SAMPLE RESULTS

Total Metals by EPA 6020A (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-14(2-3) (A9E0401-46)				**Matrix: Soil**				
Lead	**14.3**	---	0.291	mg/kg dry	10	05/22/19	EPA 6020A	
Mercury	ND	---	0.116	mg/kg dry	10	05/22/19	EPA 6020A	
Selenium	ND	---	1.46	mg/kg dry	10	05/22/19	EPA 6020A	
Silver	ND	---	0.291	mg/kg dry	10	05/22/19	EPA 6020A	
DP-14(11-12) (A9E0401-48)				**Matrix: Soil**				
Batch: 9051151								
Arsenic	**4.78**	---	1.42	mg/kg dry	10	05/22/19	EPA 6020A	
Barium	**129**	---	1.42	mg/kg dry	10	05/22/19	EPA 6020A	
Cadmium	**0.853**	---	0.284	mg/kg dry	10	05/22/19	EPA 6020A	
Chromium	**14.9**	---	1.42	mg/kg dry	10	05/22/19	EPA 6020A	
Lead	**7.48**	---	0.284	mg/kg dry	10	05/22/19	EPA 6020A	
Mercury	ND	---	0.113	mg/kg dry	10	05/22/19	EPA 6020A	
Selenium	ND	---	1.42	mg/kg dry	10	05/22/19	EPA 6020A	
Silver	ND	---	0.284	mg/kg dry	10	05/22/19	EPA 6020A	
DP-15(4-5) (A9E0401-49)				**Matrix: Soil**				
Batch: 9051151								
Arsenic	**12.1**	---	1.44	mg/kg dry	10	05/22/19	EPA 6020A	
Barium	**206**	---	1.44	mg/kg dry	10	05/22/19	EPA 6020A	
Cadmium	**1.01**	---	0.288	mg/kg dry	10	05/22/19	EPA 6020A	
Chromium	**26.4**	---	1.44	mg/kg dry	10	05/22/19	EPA 6020A	
Lead	**15.8**	---	0.288	mg/kg dry	10	05/22/19	EPA 6020A	
Mercury	ND	---	0.115	mg/kg dry	10	05/22/19	EPA 6020A	
Selenium	ND	---	1.44	mg/kg dry	10	05/22/19	EPA 6020A	
Silver	ND	---	0.288	mg/kg dry	10	05/22/19	EPA 6020A	
DP-16(2-3) (A9E0401-52)				**Matrix: Soil**				
Batch: 9051151								
Arsenic	**11.9**	---	1.38	mg/kg dry	10	05/22/19	EPA 6020A	
Barium	**176**	---	1.38	mg/kg dry	10	05/22/19	EPA 6020A	
Cadmium	**0.837**	---	0.275	mg/kg dry	10	05/22/19	EPA 6020A	
Chromium	**28.3**	---	1.38	mg/kg dry	10	05/22/19	EPA 6020A	
Lead	**15.2**	---	0.275	mg/kg dry	10	05/22/19	EPA 6020A	

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ANALYTICAL SAMPLE RESULTS

Total Metals by EPA 6020A (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-16(2-3) (A9E0401-52)				**Matrix: Soil**				
Mercury	ND	---	0.110	mg/kg dry	10	05/22/19	EPA 6020A	
Selenium	ND	---	1.38	mg/kg dry	10	05/22/19	EPA 6020A	
Silver	ND	---	0.275	mg/kg dry	10	05/22/19	EPA 6020A	

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ANALYTICAL SAMPLE RESULTS

TCLP Metals by EPA 6020A (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-4(0.5-1.5) (A9E0401-10)				**Matrix: Soil**				
Batch: 9051390								
Lead	ND	---	0.0500	mg/L	10	05/30/19	1311/6020A	

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ANALYTICAL SAMPLE RESULTS

TCLP Extraction by EPA 1311

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-4(0.5-1.5) (A9E0401-10)				**Matrix: Soil**			**Batch: 9051351**	
TCLP Extraction	PREP	---		N/A	1	05/29/19	EPA 1311	

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ANALYTICAL SAMPLE RESULTS

Percent Dry Weight

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-1(0.5-1.5) (A9E0401-01)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**81.2**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-1(11.5-12.5) (A9E0401-03)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**88.5**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-2(1-2) (A9E0401-04)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**79.8**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-2(12-13) (A9E0401-06)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**77.4**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-3(1-2) (A9E0401-07)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**79.6**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-3(12-13) (A9E0401-09)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**75.8**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-4(0.5-1.5) (A9E0401-10)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**84.1**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-4(8-9) (A9E0401-11)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**74.7**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-4(11.5-12.5) (A9E0401-12)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**88.1**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-5(1-2) (A9E0401-16)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**77.5**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-5(8.5-9.5) (A9E0401-17)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**74.5**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-5(13-14) (A9E0401-18)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**82.4**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-6(1-2) (A9E0401-19)				**Matrix: Soil**			**Batch: 9050832**	

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ANALYTICAL SAMPLE RESULTS

Percent Dry Weight

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-6(1-2) (A9E0401-19)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**78.5**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-6(8-9) (A9E0401-20)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**77.7**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-6(12.5-13.5) (A9E0401-21)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**77.2**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-7(1-2) (A9E0401-22)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**92.4**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-7(6.5-7.5) (A9E0401-23)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**91.9**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-7(11.5-12.5) (A9E0401-24)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**86.6**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-8(1.5-2.5) (A9E0401-25)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**72.9**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-8(8-9) (A9E0401-26)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**85.7**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-8(11.5-12.5) (A9E0401-27)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**91.5**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-9(1-2) (A9E0401-28)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**71.4**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-9(8-9) (A9E0401-29)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**78.6**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-10(2-3) (A9E0401-31)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**85.2**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-10(13-14) (A9E0401-33)				**Matrix: Soil**			**Batch: 9050832**	

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ANALYTICAL SAMPLE RESULTS

Percent Dry Weight

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-10(13-14) (A9E0401-33)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**76.3**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-11(3-4) (A9E0401-34)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**77.0**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-11(10-11) (A9E0401-36)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**88.2**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-11(18-19) (A9E0401-37)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**88.6**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-12(1-12) (A9E0401-38)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**71.4**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-12(12-13) (A9E0401-40)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**85.8**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-12(16-17) (A9E0401-41)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**89.9**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-13(4-5) (A9E0401-42)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**75.4**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-13(9-10) (A9E0401-44)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**82.5**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-14(2-3) (A9E0401-46)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**72.1**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-14(11-12) (A9E0401-48)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**72.0**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-15(4-5) (A9E0401-49)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**75.6**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-16(2-3) (A9E0401-52)				**Matrix: Soil**			**Batch: 9050893**	

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ANALYTICAL SAMPLE RESULTS

Percent Dry Weight

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-16(2-3) (A9E0401-52)				**Matrix: Soil**			**Batch: 9050893**	
% Solids	**73.8**	---	1.00	% by Weight	1	05/16/19	EPA 8000C	

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QUALITY CONTROL (QC) SAMPLE RESULTS

Hydrocarbon Identification Screen by NWTPH-HCID

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050923 - NWTPH-HCID (Soil)							Soil					
Blank (9050923-BLK1)			Prepared: 05/15/19 13:40 Analyzed: 05/16/19 03:46									
NWTPH-HCID												
Gasoline Range Organics	ND	---	16.7	mg/kg wet	1	---	---	---	---	---	---	
Diesel Range Organics	ND	---	41.7	mg/kg wet	1	---	---	---	---	---	---	
Oil Range Organics	ND	---	83.3	mg/kg wet	1	---	---	---	---	---	---	
Surr: o-Terphenyl (Surr)		*Recovery:*	*102 %*	*Limits:*	*50-150 %*		*Dilution:*	*1x*				
4-Bromofluorobenzene (Surr)			*98 %*		*50-150 %*			*"*				
Duplicate (9050923-DUP1)			Prepared: 05/15/19 13:40 Analyzed: 05/16/19 04:32									
QC Source Sample: DP-5(8.5-9.5) (A9E0401-17)												
NWTPH-HCID												
Gasoline Range Organics	ND	---	23.8	mg/kg dry	1	---	ND	---	---	---	30%	
Diesel Range Organics	ND	---	59.4	mg/kg dry	1	---	ND	---	---	---	30%	
Oil Range Organics	ND	---	119	mg/kg dry	1	---	ND	---	---	---	30%	
Surr: o-Terphenyl (Surr)		*Recovery:*	*102 %*	*Limits:*	*50-150 %*		*Dilution:*	*1x*				
4-Bromofluorobenzene (Surr)			*97 %*		*50-150 %*			*"*				

Apex Laboratories

Philip Nerenberg, Lab Director

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Tigard, OR 97223
503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	A9E0401 - 06 04 19 1033

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050878 - EPA 5035A							Soil					
Blank (9050878-BLK1)			Prepared: 05/14/19 17:00 Analyzed: 05/14/19 19:06									
5035A/8260C												
Acetone	ND	---	0.667	mg/kg wet	50	---	---	---	---	---	---	
Acrylonitrile	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
Benzene	ND	---	0.00667	mg/kg wet	50	---	---	---	---	---	---	
Bromobenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Bromochloromethane	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Bromodichloromethane	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
Bromoform	ND	---	0.133	mg/kg wet	50	---	---	---	---	---	---	
Bromomethane	ND	---	0.333	mg/kg wet	50	---	---	---	---	---	---	
2-Butanone (MEK)	ND	---	0.333	mg/kg wet	50	---	---	---	---	---	---	
n-Butylbenzene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
sec-Butylbenzene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
tert-Butylbenzene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Carbon disulfide	ND	---	0.333	mg/kg wet	50	---	---	---	---	---	---	
Carbon tetrachloride	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
Chlorobenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Chloroethane	ND	---	0.333	mg/kg wet	50	---	---	---	---	---	---	
Chloroform	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Chloromethane	ND	---	0.167	mg/kg wet	50	---	---	---	---	---	---	
2-Chlorotoluene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
4-Chlorotoluene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Dibromochloromethane	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
1,2-Dibromo-3-chloropropane	ND	---	0.167	mg/kg wet	50	---	---	---	---	---	---	
1,2-Dibromoethane (EDB)	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Dibromomethane	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
1,2-Dichlorobenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
1,3-Dichlorobenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
1,4-Dichlorobenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Dichlorodifluoromethane	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
1,1-Dichloroethane	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
1,2-Dichloroethane (EDC)	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
1,1-Dichloroethene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
cis-1,2-Dichloroethene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
trans-1,2-Dichloroethene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050878 - EPA 5035A							**Soil**					
Blank (9050878-BLK1)			Prepared: 05/14/19 17:00 Analyzed: 05/14/19 19:06									
1,2-Dichloropropane	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
1,3-Dichloropropane	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
2,2-Dichloropropane	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
1,1-Dichloropropene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
cis-1,3-Dichloropropene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
trans-1,3-Dichloropropene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Ethylbenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Hexachlorobutadiene	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
2-Hexanone	ND	---	0.333	mg/kg wet	50	---	---	---	---	---	---	
Isopropylbenzene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
4-Isopropyltoluene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Methylene chloride	ND	---	0.167	mg/kg wet	50	---	---	---	---	---	---	
4-Methyl-2-pentanone (MiBK)	ND	---	0.333	mg/kg wet	50	---	---	---	---	---	---	
Methyl tert-butyl ether (MTBE)	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Naphthalene	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
n-Propylbenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Styrene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
1,1,1,2-Tetrachloroethane	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
1,1,2,2-Tetrachloroethane	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Tetrachloroethene (PCE)	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Toluene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
1,2,3-Trichlorobenzene	ND	---	0.167	mg/kg wet	50	---	---	---	---	---	---	
1,2,4-Trichlorobenzene	ND	---	0.167	mg/kg wet	50	---	---	---	---	---	---	
1,1,1-Trichloroethane	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
1,1,2-Trichloroethane	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Trichloroethene (TCE)	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Trichlorofluoromethane	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
1,2,3-Trichloropropane	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
1,2,4-Trimethylbenzene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
1,3,5-Trimethylbenzene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Vinyl chloride	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
m,p-Xylene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
o-Xylene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	

Surr: 1,4-Difluorobenzene (Surr) *Recovery: 99 %* *Limits: 80-120 %* *Dilution: 1x*

Apex Laboratories

Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050878 - EPA 5035A							**Soil**					
Blank (9050878-BLK1)				Prepared: 05/14/19 17:00 Analyzed: 05/14/19 19:06								
Surr: Toluene-d8 (Surr)			*Recovery: 101 %*	*Limits: 80-120 %*				*Dilution: 1x*				
4-Bromofluorobenzene (Surr)			*105 %*	*80-120 %*				*"*				
LCS (9050878-BS1)				Prepared: 05/14/19 17:00 Analyzed: 05/14/19 18:12								
5035A/8260C												
Acetone	1.74	---	1.00	mg/kg wet	50	2.00	---	87	80-120%	---	---	
Acrylonitrile	1.01	---	0.100	mg/kg wet	50	1.00	---	101	80-120%	---	---	
Benzene	0.923	---	0.0100	mg/kg wet	50	1.00	---	92	80-120%	---	---	
Bromobenzene	1.05	---	0.0250	mg/kg wet	50	1.00	---	105	80-120%	---	---	
Bromochloromethane	0.955	---	0.0500	mg/kg wet	50	1.00	---	96	80-120%	---	---	
Bromodichloromethane	0.936	---	0.100	mg/kg wet	50	1.00	---	94	80-120%	---	---	
Bromoform	1.13	---	0.200	mg/kg wet	50	1.00	---	113	80-120%	---	---	
Bromomethane	0.922	---	0.500	mg/kg wet	50	1.00	---	92	80-120%	---	---	
2-Butanone (MEK)	1.87	---	0.500	mg/kg wet	50	2.00	---	94	80-120%	---	---	
n-Butylbenzene	1.12	---	0.0500	mg/kg wet	50	1.00	---	112	80-120%	---	---	
sec-Butylbenzene	1.12	---	0.0500	mg/kg wet	50	1.00	---	112	80-120%	---	---	
tert-Butylbenzene	1.09	---	0.0500	mg/kg wet	50	1.00	---	109	80-120%	---	---	
Carbon disulfide	0.876	---	0.500	mg/kg wet	50	1.00	---	88	80-120%	---	---	
Carbon tetrachloride	1.09	---	0.100	mg/kg wet	50	1.00	---	109	80-120%	---	---	
Chlorobenzene	0.929	---	0.0250	mg/kg wet	50	1.00	---	93	80-120%	---	---	
Chloroethane	0.733	---	0.500	mg/kg wet	50	1.00	---	**73**	**80-120%**	---	---	Q-55
Chloroform	0.943	---	0.0500	mg/kg wet	50	1.00	---	94	80-120%	---	---	
Chloromethane	0.954	---	0.250	mg/kg wet	50	1.00	---	95	80-120%	---	---	
2-Chlorotoluene	1.07	---	0.0500	mg/kg wet	50	1.00	---	107	80-120%	---	---	
4-Chlorotoluene	1.08	---	0.0500	mg/kg wet	50	1.00	---	108	80-120%	---	---	
Dibromochloromethane	0.976	---	0.100	mg/kg wet	50	1.00	---	98	80-120%	---	---	
1,2-Dibromo-3-chloropropane	1.00	---	0.250	mg/kg wet	50	1.00	---	100	80-120%	---	---	
1,2-Dibromoethane (EDB)	0.951	---	0.0500	mg/kg wet	50	1.00	---	95	80-120%	---	---	
Dibromomethane	0.986	---	0.0500	mg/kg wet	50	1.00	---	99	80-120%	---	---	
1,2-Dichlorobenzene	1.02	---	0.0250	mg/kg wet	50	1.00	---	102	80-120%	---	---	
1,3-Dichlorobenzene	1.01	---	0.0250	mg/kg wet	50	1.00	---	101	80-120%	---	---	
1,4-Dichlorobenzene	0.964	---	0.0250	mg/kg wet	50	1.00	---	96	80-120%	---	---	
Dichlorodifluoromethane	1.04	---	0.100	mg/kg wet	50	1.00	---	104	80-120%	---	---	
1,1-Dichloroethane	0.850	---	0.0250	mg/kg wet	50	1.00	---	85	80-120%	---	---	

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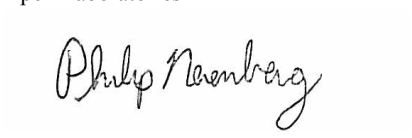

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050878 - EPA 5035A							**Soil**					
LCS (9050878-BS1)			Prepared: 05/14/19 17:00 Analyzed: 05/14/19 18:12									
1,2-Dichloroethane (EDC)	0.885	---	0.0250	mg/kg wet	50	1.00	---	89	80-120%	---	---	
1,1-Dichloroethene	0.747	---	0.0250	mg/kg wet	50	1.00	---	**75**	**80-120%**	---	---	Q-55
cis-1,2-Dichloroethene	0.955	---	0.0250	mg/kg wet	50	1.00	---	96	80-120%	---	---	
trans-1,2-Dichloroethene	0.828	---	0.0250	mg/kg wet	50	1.00	---	83	80-120%	---	---	
1,2-Dichloropropane	0.949	---	0.0250	mg/kg wet	50	1.00	---	95	80-120%	---	---	
1,3-Dichloropropane	1.01	---	0.0500	mg/kg wet	50	1.00	---	101	80-120%	---	---	
2,2-Dichloropropane	1.22	---	0.0500	mg/kg wet	50	1.00	---	**122**	**80-120%**	---	---	Q-56
1,1-Dichloropropene	0.971	---	0.0500	mg/kg wet	50	1.00	---	97	80-120%	---	---	
cis-1,3-Dichloropropene	0.944	---	0.0500	mg/kg wet	50	1.00	---	94	80-120%	---	---	
trans-1,3-Dichloropropene	0.957	---	0.0500	mg/kg wet	50	1.00	---	96	80-120%	---	---	
Ethylbenzene	0.963	---	0.0250	mg/kg wet	50	1.00	---	96	80-120%	---	---	
Hexachlorobutadiene	1.03	---	0.100	mg/kg wet	50	1.00	---	103	80-120%	---	---	
2-Hexanone	1.94	---	0.500	mg/kg wet	50	2.00	---	97	80-120%	---	---	
Isopropylbenzene	1.09	---	0.0500	mg/kg wet	50	1.00	---	109	80-120%	---	---	
4-Isopropyltoluene	1.09	---	0.0500	mg/kg wet	50	1.00	---	109	80-120%	---	---	
Methylene chloride	0.719	---	0.250	mg/kg wet	50	1.00	---	**72**	**80-120%**	---	---	Q-55
4-Methyl-2-pentanone (MiBK)	2.01	---	0.500	mg/kg wet	50	2.00	---	100	80-120%	---	---	
Methyl tert-butyl ether (MTBE)	0.971	---	0.0500	mg/kg wet	50	1.00	---	97	80-120%	---	---	
Naphthalene	1.03	---	0.100	mg/kg wet	50	1.00	---	103	80-120%	---	---	
n-Propylbenzene	1.07	---	0.0250	mg/kg wet	50	1.00	---	107	80-120%	---	---	
Styrene	0.972	---	0.0500	mg/kg wet	50	1.00	---	97	80-120%	---	---	
1,1,1,2-Tetrachloroethane	1.05	---	0.100	mg/kg wet	50	1.00	---	105	80-120%	---	---	
1,1,2,2-Tetrachloroethane	1.11	---	0.0500	mg/kg wet	50	1.00	---	111	80-120%	---	---	
Tetrachloroethene (PCE)	0.976	---	0.0250	mg/kg wet	50	1.00	---	98	80-120%	---	---	
Toluene	0.896	---	0.0500	mg/kg wet	50	1.00	---	90	80-120%	---	---	
1,2,3-Trichlorobenzene	1.09	---	0.250	mg/kg wet	50	1.00	---	109	80-120%	---	---	
1,2,4-Trichlorobenzene	1.16	---	0.250	mg/kg wet	50	1.00	---	116	80-120%	---	---	
1,1,1-Trichloroethane	1.06	---	0.0250	mg/kg wet	50	1.00	---	106	80-120%	---	---	
1,1,2-Trichloroethane	1.01	---	0.0250	mg/kg wet	50	1.00	---	101	80-120%	---	---	
Trichloroethene (TCE)	0.958	---	0.0250	mg/kg wet	50	1.00	---	96	80-120%	---	---	
Trichlorofluoromethane	0.749	---	0.100	mg/kg wet	50	1.00	---	**75**	**80-120%**	---	---	Q-55
1,2,3-Trichloropropane	1.06	---	0.0500	mg/kg wet	50	1.00	---	106	80-120%	---	---	
1,2,4-Trimethylbenzene	1.13	---	0.0500	mg/kg wet	50	1.00	---	113	80-120%	---	---	
1,3,5-Trimethylbenzene	1.12	---	0.0500	mg/kg wet	50	1.00	---	112	80-120%	---	---	

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050878 - EPA 5035A							**Soil**					
LCS (9050878-BS1)			Prepared: 05/14/19 17:00 Analyzed: 05/14/19 18:12									
Vinyl chloride	0.947	---	0.0250	mg/kg wet	50	1.00	---	95	80-120%	---	---	
m,p-Xylene	2.05	---	0.0500	mg/kg wet	50	2.00	---	102	80-120%	---	---	
o-Xylene	1.05	---	0.0250	mg/kg wet	50	1.00	---	105	80-120%	---	---	
Surr: 1,4-Difluorobenzene (Surr)			*Recovery: 98 %*		*Limits: 80-120 %*		*Dilution: 1x*					
Toluene-d8 (Surr)			*97 %*		*80-120 %*		*"*					
4-Bromofluorobenzene (Surr)			*106 %*		*80-120 %*		*"*					
Duplicate (9050878-DUP1)			Prepared: 05/11/19 11:56 Analyzed: 05/15/19 00:30									
QC Source Sample: DP-5(8.5-9.5) (A9E0401-17)												
5035A/8260C												
Acetone	ND	---	1.52	mg/kg dry	50	---	ND	---	---	---	30%	
Acrylonitrile	ND	---	0.152	mg/kg dry	50	---	ND	---	---	---	30%	
Benzene	ND	---	0.0152	mg/kg dry	50	---	ND	---	---	---	30%	
Bromobenzene	ND	---	0.0381	mg/kg dry	50	---	ND	---	---	---	30%	
Bromochloromethane	ND	---	0.0761	mg/kg dry	50	---	ND	---	---	---	30%	
Bromodichloromethane	ND	---	0.152	mg/kg dry	50	---	ND	---	---	---	30%	
Bromoform	ND	---	0.304	mg/kg dry	50	---	ND	---	---	---	30%	
Bromomethane	ND	---	0.761	mg/kg dry	50	---	ND	---	---	---	30%	
2-Butanone (MEK)	ND	---	0.761	mg/kg dry	50	---	ND	---	---	---	30%	
n-Butylbenzene	ND	---	0.0761	mg/kg dry	50	---	ND	---	---	---	30%	
sec-Butylbenzene	ND	---	0.0761	mg/kg dry	50	---	ND	---	---	---	30%	
tert-Butylbenzene	ND	---	0.0761	mg/kg dry	50	---	ND	---	---	---	30%	
Carbon disulfide	ND	---	0.761	mg/kg dry	50	---	ND	---	---	---	30%	
Carbon tetrachloride	ND	---	0.152	mg/kg dry	50	---	ND	---	---	---	30%	
Chlorobenzene	ND	---	0.0381	mg/kg dry	50	---	ND	---	---	---	30%	
Chloroethane	ND	---	0.761	mg/kg dry	50	---	ND	---	---	---	30%	
Chloroform	ND	---	0.0761	mg/kg dry	50	---	ND	---	---	---	30%	
Chloromethane	ND	---	0.381	mg/kg dry	50	---	ND	---	---	---	30%	
2-Chlorotoluene	ND	---	0.0761	mg/kg dry	50	---	ND	---	---	---	30%	
4-Chlorotoluene	ND	---	0.0761	mg/kg dry	50	---	ND	---	---	---	30%	
Dibromochloromethane	ND	---	0.152	mg/kg dry	50	---	ND	---	---	---	30%	
1,2-Dibromo-3-chloropropane	ND	---	0.381	mg/kg dry	50	---	ND	---	---	---	30%	
1,2-Dibromoethane (EDB)	ND	---	0.0761	mg/kg dry	50	---	ND	---	---	---	30%	
Dibromomethane	ND	---	0.0761	mg/kg dry	50	---	ND	---	---	---	30%	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050878 - EPA 5035A							**Soil**					
Duplicate (9050878-DUP1)			Prepared: 05/11/19 11:56 Analyzed: 05/15/19 00:30									
QC Source Sample: DP-5(8.5-9.5) (A9E0401-17)												
1,2-Dichlorobenzene	ND	---	0.0381	mg/kg dry	50	---	ND	---	---	---	30%	
1,3-Dichlorobenzene	ND	---	0.0381	mg/kg dry	50	---	ND	---	---	---	30%	
1,4-Dichlorobenzene	ND	---	0.0381	mg/kg dry	50	---	ND	---	---	---	30%	
Dichlorodifluoromethane	ND	---	0.152	mg/kg dry	50	---	ND	---	---	---	30%	
1,1-Dichloroethane	ND	---	0.0381	mg/kg dry	50	---	ND	---	---	---	30%	
1,2-Dichloroethane (EDC)	ND	---	0.0381	mg/kg dry	50	---	ND	---	---	---	30%	
1,1-Dichloroethene	ND	---	0.0381	mg/kg dry	50	---	ND	---	---	---	30%	
cis-1,2-Dichloroethene	ND	---	0.0381	mg/kg dry	50	---	ND	---	---	---	30%	
trans-1,2-Dichloroethene	ND	---	0.0381	mg/kg dry	50	---	ND	---	---	---	30%	
1,2-Dichloropropane	ND	---	0.0381	mg/kg dry	50	---	ND	---	---	---	30%	
1,3-Dichloropropane	ND	---	0.0761	mg/kg dry	50	---	ND	---	---	---	30%	
2,2-Dichloropropane	ND	---	0.0761	mg/kg dry	50	---	ND	---	---	---	30%	
1,1-Dichloropropene	ND	---	0.0761	mg/kg dry	50	---	ND	---	---	---	30%	
cis-1,3-Dichloropropene	ND	---	0.0761	mg/kg dry	50	---	ND	---	---	---	30%	
trans-1,3-Dichloropropene	ND	---	0.0761	mg/kg dry	50	---	ND	---	---	---	30%	
Ethylbenzene	ND	---	0.0381	mg/kg dry	50	---	ND	---	---	---	30%	
Hexachlorobutadiene	ND	---	0.152	mg/kg dry	50	---	ND	---	---	---	30%	
2-Hexanone	ND	---	0.761	mg/kg dry	50	---	ND	---	---	---	30%	
Isopropylbenzene	ND	---	0.0761	mg/kg dry	50	---	ND	---	---	---	30%	
4-Isopropyltoluene	ND	---	0.0761	mg/kg dry	50	---	ND	---	---	---	30%	
Methylene chloride	ND	---	0.381	mg/kg dry	50	---	ND	---	---	---	30%	
4-Methyl-2-pentanone (MiBK)	ND	---	0.761	mg/kg dry	50	---	ND	---	---	---	30%	
Methyl tert-butyl ether (MTBE)	ND	---	0.0761	mg/kg dry	50	---	ND	---	---	---	30%	
Naphthalene	ND	---	0.152	mg/kg dry	50	---	ND	---	---	---	30%	
n-Propylbenzene	ND	---	0.0381	mg/kg dry	50	---	ND	---	---	---	30%	
Styrene	ND	---	0.0761	mg/kg dry	50	---	ND	---	---	---	30%	
1,1,1,2-Tetrachloroethane	ND	---	0.152	mg/kg dry	50	---	ND	---	---	---	30%	
1,1,2,2-Tetrachloroethane	ND	---	0.0761	mg/kg dry	50	---	ND	---	---	---	30%	
Tetrachloroethene (PCE)	ND	---	0.0381	mg/kg dry	50	---	ND	---	---	---	30%	
Toluene	ND	---	0.0761	mg/kg dry	50	---	ND	---	---	---	30%	
1,2,3-Trichlorobenzene	ND	---	0.381	mg/kg dry	50	---	ND	---	---	---	30%	
1,2,4-Trichlorobenzene	ND	---	0.381	mg/kg dry	50	---	ND	---	---	---	30%	
1,1,1-Trichloroethane	ND	---	0.0381	mg/kg dry	50	---	ND	---	---	---	30%	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050878 - EPA 5035A							**Soil**					
Duplicate (9050878-DUP1)			Prepared: 05/11/19 11:56 Analyzed: 05/15/19 00:30									
QC Source Sample: DP-5(8.5-9.5) (A9E0401-17)												
1,1,2-Trichloroethane	ND	---	0.0381	mg/kg dry	50	---	ND	---	---	---	30%	
Trichloroethene (TCE)	ND	---	0.0381	mg/kg dry	50	---	ND	---	---	---	30%	
Trichlorofluoromethane	ND	---	0.152	mg/kg dry	50	---	ND	---	---	---	30%	
1,2,3-Trichloropropane	ND	---	0.0761	mg/kg dry	50	---	ND	---	---	---	30%	
1,2,4-Trimethylbenzene	ND	---	0.0761	mg/kg dry	50	---	ND	---	---	---	30%	
1,3,5-Trimethylbenzene	ND	---	0.0761	mg/kg dry	50	---	ND	---	---	---	30%	
Vinyl chloride	ND	---	0.0381	mg/kg dry	50	---	ND	---	---	---	30%	
m,p-Xylene	ND	---	0.0761	mg/kg dry	50	---	ND	---	---	---	30%	
o-Xylene	ND	---	0.0381	mg/kg dry	50	---	ND	---	---	---	30%	
Surr: 1,4-Difluorobenzene (Surr)		*Recovery:*	*105 %*	*Limits:*	*80-120 %*		*Dilution:*	*1x*				
Toluene-d8 (Surr)			*93 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*111 %*		*80-120 %*			*"*				
Matrix Spike (9050878-MS1)			Prepared: 05/13/19 13:50 Analyzed: 05/15/19 05:00									**COMP**
QC Source Sample: Non-SDG (A9E0377-05)												
5035A/8260C												
Acetone	2.59	---	1.30	mg/kg dry	50	2.60	ND	100	36-164%	---	---	
Acrylonitrile	1.35	---	0.130	mg/kg dry	50	1.30	ND	104	65-134%	---	---	
Benzene	1.29	---	0.0130	mg/kg dry	50	1.30	ND	100	77-121%	---	---	
Bromobenzene	1.38	---	0.0325	mg/kg dry	50	1.30	ND	106	78-121%	---	---	
Bromochloromethane	1.36	---	0.0650	mg/kg dry	50	1.30	ND	105	78-125%	---	---	
Bromodichloromethane	1.30	---	0.130	mg/kg dry	50	1.30	ND	100	75-127%	---	---	
Bromoform	1.49	---	0.260	mg/kg dry	50	1.30	ND	115	67-132%	---	---	
Bromomethane	1.57	---	0.650	mg/kg dry	50	1.30	ND	121	53-143%	---	---	
2-Butanone (MEK)	2.62	---	0.650	mg/kg dry	50	2.60	ND	101	51-148%	---	---	
n-Butylbenzene	1.45	---	0.0650	mg/kg dry	50	1.30	ND	112	70-128%	---	---	
sec-Butylbenzene	1.47	---	0.0650	mg/kg dry	50	1.30	ND	113	73-126%	---	---	
tert-Butylbenzene	1.43	---	0.0650	mg/kg dry	50	1.30	ND	110	73-125%	---	---	
Carbon disulfide	1.14	---	0.650	mg/kg dry	50	1.30	ND	88	63-132%	---	---	
Carbon tetrachloride	1.46	---	0.130	mg/kg dry	50	1.30	ND	113	70-135%	---	---	
Chlorobenzene	1.24	---	0.0325	mg/kg dry	50	1.30	ND	95	79-120%	---	---	
Chloroethane	1.24	---	0.650	mg/kg dry	50	1.30	ND	95	59-139%	---	---	Q-54i
Chloroform	1.32	---	0.0650	mg/kg dry	50	1.30	ND	101	78-123%	---	---	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050878 - EPA 5035A							**Soil**					
Matrix Spike (9050878-MS1)			Prepared: 05/13/19 13:50		Analyzed: 05/15/19 05:00							**COMP**
QC Source Sample: Non-SDG (A9E0377-05)												
Chloromethane	1.35	---	0.325	mg/kg dry	50	1.30	ND	104	50-136%	---	---	
2-Chlorotoluene	1.38	---	0.0650	mg/kg dry	50	1.30	ND	107	75-122%	---	---	
4-Chlorotoluene	1.44	---	0.0650	mg/kg dry	50	1.30	ND	111	72-124%	---	---	
Dibromochloromethane	1.27	---	0.130	mg/kg dry	50	1.30	ND	98	74-126%	---	---	
1,2-Dibromo-3-chloropropane	1.23	---	0.325	mg/kg dry	50	1.30	ND	95	61-132%	---	---	
1,2-Dibromoethane (EDB)	1.25	---	0.0650	mg/kg dry	50	1.30	ND	96	78-122%	---	---	
Dibromomethane	1.37	---	0.0650	mg/kg dry	50	1.30	ND	105	78-125%	---	---	
1,2-Dichlorobenzene	1.32	---	0.0325	mg/kg dry	50	1.30	ND	101	78-121%	---	---	
1,3-Dichlorobenzene	1.34	---	0.0325	mg/kg dry	50	1.30	ND	103	77-121%	---	---	
1,4-Dichlorobenzene	1.26	---	0.0325	mg/kg dry	50	1.30	ND	97	75-120%	---	---	
Dichlorodifluoromethane	1.46	---	0.130	mg/kg dry	50	1.30	ND	113	29-149%	---	---	
1,1-Dichloroethane	1.20	---	0.0325	mg/kg dry	50	1.30	ND	93	76-125%	---	---	
1,2-Dichloroethane (EDC)	1.27	---	0.0325	mg/kg dry	50	1.30	ND	98	73-128%	---	---	
1,1-Dichloroethene	1.06	---	0.0325	mg/kg dry	50	1.30	ND	81	70-131%	---	---	Q-54h
cis-1,2-Dichloroethene	1.31	---	0.0325	mg/kg dry	50	1.30	ND	101	77-123%	---	---	
trans-1,2-Dichloroethene	1.15	---	0.0325	mg/kg dry	50	1.30	ND	88	74-125%	---	---	
1,2-Dichloropropane	1.34	---	0.0325	mg/kg dry	50	1.30	ND	103	76-123%	---	---	
1,3-Dichloropropane	1.33	---	0.0650	mg/kg dry	50	1.30	ND	103	77-121%	---	---	
2,2-Dichloropropane	1.20	---	0.0650	mg/kg dry	50	1.30	ND	93	67-133%	---	---	Q-54
1,1-Dichloropropene	1.33	---	0.0650	mg/kg dry	50	1.30	ND	102	76-125%	---	---	
cis-1,3-Dichloropropene	1.14	---	0.0650	mg/kg dry	50	1.30	ND	88	74-126%	---	---	
trans-1,3-Dichloropropene	1.20	---	0.0650	mg/kg dry	50	1.30	ND	92	71-130%	---	---	
Ethylbenzene	1.30	---	0.0325	mg/kg dry	50	1.30	ND	100	76-122%	---	---	
Hexachlorobutadiene	1.32	---	0.130	mg/kg dry	50	1.30	ND	102	61-135%	---	---	
2-Hexanone	2.52	---	0.650	mg/kg dry	50	2.60	ND	97	53-145%	---	---	
Isopropylbenzene	1.45	---	0.0650	mg/kg dry	50	1.30	ND	112	68-134%	---	---	
4-Isopropyltoluene	1.41	---	0.0650	mg/kg dry	50	1.30	ND	108	73-127%	---	---	
Methylene chloride	1.00	---	0.325	mg/kg dry	50	1.30	ND	77	70-128%	---	---	Q-54j
4-Methyl-2-pentanone (MiBK)	2.65	---	0.650	mg/kg dry	50	2.60	ND	102	65-135%	---	---	
Methyl tert-butyl ether (MTBE)	1.30	---	0.0650	mg/kg dry	50	1.30	ND	100	73-125%	---	---	
Naphthalene	1.17	---	0.130	mg/kg dry	50	1.30	ND	90	62-129%	---	---	
n-Propylbenzene	1.43	---	0.0325	mg/kg dry	50	1.30	ND	110	73-125%	---	---	
Styrene	1.28	---	0.0650	mg/kg dry	50	1.30	ND	99	76-124%	---	---	

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050878 - EPA 5035A							**Soil**					
Matrix Spike (9050878-MS1)			Prepared: 05/13/19 13:50 Analyzed: 05/15/19 05:00									**COMP**
QC Source Sample: Non-SDG (A9E0377-05)												
1,1,1,2-Tetrachloroethane	1.38	---	0.130	mg/kg dry	50	1.30	ND	107	78-125%	---	---	
1,1,2,2-Tetrachloroethane	1.42	---	0.0650	mg/kg dry	50	1.30	ND	110	70-124%	---	---	
Tetrachloroethene (PCE)	1.26	---	0.0325	mg/kg dry	50	1.30	ND	97	73-128%	---	---	
Toluene	1.19	---	0.0650	mg/kg dry	50	1.30	ND	92	77-121%	---	---	
1,2,3-Trichlorobenzene	1.30	---	0.325	mg/kg dry	50	1.30	ND	100	66-130%	---	---	
1,2,4-Trichlorobenzene	1.35	---	0.325	mg/kg dry	50	1.30	ND	104	67-129%	---	---	
1,1,1-Trichloroethane	1.47	---	0.0325	mg/kg dry	50	1.30	ND	113	73-130%	---	---	
1,1,2-Trichloroethane	1.34	---	0.0325	mg/kg dry	50	1.30	ND	103	78-121%	---	---	
Trichloroethene (TCE)	1.32	---	0.0325	mg/kg dry	50	1.30	ND	102	77-123%	---	---	
Trichlorofluoromethane	1.33	---	0.130	mg/kg dry	50	1.30	ND	102	62-140%	---	---	Q-54g
1,2,3-Trichloropropane	1.38	---	0.0650	mg/kg dry	50	1.30	ND	106	73-125%	---	---	
1,2,4-Trimethylbenzene	1.49	---	0.0650	mg/kg dry	50	1.30	ND	115	75-123%	---	---	
1,3,5-Trimethylbenzene	1.49	---	0.0650	mg/kg dry	50	1.30	ND	115	73-124%	---	---	
Vinyl chloride	1.41	---	0.0325	mg/kg dry	50	1.30	ND	109	56-135%	---	---	
m,p-Xylene	2.77	---	0.0650	mg/kg dry	50	2.60	ND	107	77-124%	---	---	
o-Xylene	1.40	---	0.0325	mg/kg dry	50	1.30	ND	108	77-123%	---	---	
Surr: 1,4-Difluorobenzene (Surr)			*Recovery: 101 %*		*Limits: 80-120 %*			*Dilution: 1x*				
Toluene-d8 (Surr)			*96 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*101 %*		*80-120 %*			*"*				

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GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050895 - EPA 5035A							Soil					
Blank (9050895-BLK1)			Prepared: 05/15/19 09:30 Analyzed: 05/15/19 12:52									
5035A/8260C												
Acetone	ND	---	0.667	mg/kg wet	50	---	---	---	---	---	---	
Acrylonitrile	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
Benzene	ND	---	0.00667	mg/kg wet	50	---	---	---	---	---	---	
Bromobenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Bromochloromethane	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Bromodichloromethane	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
Bromoform	ND	---	0.133	mg/kg wet	50	---	---	---	---	---	---	
Bromomethane	ND	---	0.333	mg/kg wet	50	---	---	---	---	---	---	
2-Butanone (MEK)	ND	---	0.333	mg/kg wet	50	---	---	---	---	---	---	
n-Butylbenzene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
sec-Butylbenzene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
tert-Butylbenzene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Carbon disulfide	ND	---	0.333	mg/kg wet	50	---	---	---	---	---	---	
Carbon tetrachloride	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
Chlorobenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Chloroethane	ND	---	0.333	mg/kg wet	50	---	---	---	---	---	---	
Chloroform	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Chloromethane	ND	---	0.167	mg/kg wet	50	---	---	---	---	---	---	
2-Chlorotoluene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
4-Chlorotoluene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Dibromochloromethane	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
1,2-Dibromo-3-chloropropane	ND	---	0.167	mg/kg wet	50	---	---	---	---	---	---	
1,2-Dibromoethane (EDB)	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Dibromomethane	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
1,2-Dichlorobenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
1,3-Dichlorobenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
1,4-Dichlorobenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Dichlorodifluoromethane	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
1,1-Dichloroethane	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
1,2-Dichloroethane (EDC)	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
1,1-Dichloroethene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
cis-1,2-Dichloroethene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
trans-1,2-Dichloroethene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	

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Philip Nerenberg, Lab Director

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Tigard, OR 97223
503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050895 - EPA 5035A							**Soil**					
Blank (9050895-BLK1)			Prepared: 05/15/19 09:30 Analyzed: 05/15/19 12:52									
1,2-Dichloropropane	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
1,3-Dichloropropane	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
2,2-Dichloropropane	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
1,1-Dichloropropene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
cis-1,3-Dichloropropene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
trans-1,3-Dichloropropene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Ethylbenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Hexachlorobutadiene	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
2-Hexanone	ND	---	0.333	mg/kg wet	50	---	---	---	---	---	---	
Isopropylbenzene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
4-Isopropyltoluene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Methylene chloride	ND	---	0.167	mg/kg wet	50	---	---	---	---	---	---	
4-Methyl-2-pentanone (MiBK)	ND	---	0.333	mg/kg wet	50	---	---	---	---	---	---	
Methyl tert-butyl ether (MTBE)	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Naphthalene	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
n-Propylbenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Styrene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
1,1,1,2-Tetrachloroethane	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
1,1,2,2-Tetrachloroethane	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Tetrachloroethene (PCE)	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Toluene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
1,2,3-Trichlorobenzene	ND	---	0.167	mg/kg wet	50	---	---	---	---	---	---	
1,2,4-Trichlorobenzene	ND	---	0.167	mg/kg wet	50	---	---	---	---	---	---	
1,1,1-Trichloroethane	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
1,1,2-Trichloroethane	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Trichloroethene (TCE)	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Trichlorofluoromethane	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
1,2,3-Trichloropropane	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
1,2,4-Trimethylbenzene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
1,3,5-Trimethylbenzene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Vinyl chloride	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
m,p-Xylene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
o-Xylene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	

Surr: 1,4-Difluorobenzene (Surr) *Recovery: 103 %* *Limits: 80-120 %* *Dilution: 1x*

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Philip Nerenberg, Lab Director

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GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050895 - EPA 5035A							**Soil**					
Blank (9050895-BLK1)			Prepared: 05/15/19 09:30 Analyzed: 05/15/19 12:52									
Surr: Toluene-d8 (Surr)			*Recovery: 97 %*	*Limits: 80-120 %*				*Dilution: 1x*				
4-Bromofluorobenzene (Surr)			*104 %*	*80-120 %*				*"*				
LCS (9050895-BS1)			Prepared: 05/15/19 09:30 Analyzed: 05/15/19 10:59									
5035A/8260C												
Acetone	1.61	---	1.00	mg/kg wet	50	2.00	---	80	80-120%	---	---	
Acrylonitrile	0.928	---	0.100	mg/kg wet	50	1.00	---	93	80-120%	---	---	
Benzene	1.00	---	0.0100	mg/kg wet	50	1.00	---	100	80-120%	---	---	
Bromobenzene	1.04	---	0.0250	mg/kg wet	50	1.00	---	104	80-120%	---	---	
Bromochloromethane	0.997	---	0.0500	mg/kg wet	50	1.00	---	100	80-120%	---	---	
Bromodichloromethane	1.07	---	0.100	mg/kg wet	50	1.00	---	107	80-120%	---	---	
Bromoform	1.23	---	0.200	mg/kg wet	50	1.00	---	**123**	**80-120%**	---	---	Q-56
Bromomethane	1.16	---	0.500	mg/kg wet	50	1.00	---	116	80-120%	---	---	
2-Butanone (MEK)	1.88	---	0.500	mg/kg wet	50	2.00	---	94	80-120%	---	---	
n-Butylbenzene	1.12	---	0.0500	mg/kg wet	50	1.00	---	112	80-120%	---	---	
sec-Butylbenzene	1.13	---	0.0500	mg/kg wet	50	1.00	---	113	80-120%	---	---	
tert-Butylbenzene	1.10	---	0.0500	mg/kg wet	50	1.00	---	110	80-120%	---	---	
Carbon disulfide	0.931	---	0.500	mg/kg wet	50	1.00	---	93	80-120%	---	---	
Carbon tetrachloride	1.18	---	0.100	mg/kg wet	50	1.00	---	118	80-120%	---	---	
Chlorobenzene	0.961	---	0.0250	mg/kg wet	50	1.00	---	96	80-120%	---	---	
Chloroethane	1.02	---	0.500	mg/kg wet	50	1.00	---	102	80-120%	---	---	
Chloroform	1.04	---	0.0500	mg/kg wet	50	1.00	---	104	80-120%	---	---	
Chloromethane	0.958	---	0.250	mg/kg wet	50	1.00	---	96	80-120%	---	---	
2-Chlorotoluene	1.06	---	0.0500	mg/kg wet	50	1.00	---	106	80-120%	---	---	
4-Chlorotoluene	1.10	---	0.0500	mg/kg wet	50	1.00	---	110	80-120%	---	---	
Dibromochloromethane	1.07	---	0.100	mg/kg wet	50	1.00	---	107	80-120%	---	---	
1,2-Dibromo-3-chloropropane	0.901	---	0.250	mg/kg wet	50	1.00	---	90	80-120%	---	---	
1,2-Dibromoethane (EDB)	0.982	---	0.0500	mg/kg wet	50	1.00	---	98	80-120%	---	---	
Dibromomethane	1.06	---	0.0500	mg/kg wet	50	1.00	---	106	80-120%	---	---	
1,2-Dichlorobenzene	1.03	---	0.0250	mg/kg wet	50	1.00	---	103	80-120%	---	---	
1,3-Dichlorobenzene	1.03	---	0.0250	mg/kg wet	50	1.00	---	103	80-120%	---	---	
1,4-Dichlorobenzene	0.977	---	0.0250	mg/kg wet	50	1.00	---	98	80-120%	---	---	
Dichlorodifluoromethane	1.11	---	0.100	mg/kg wet	50	1.00	---	111	80-120%	---	---	
1,1-Dichloroethane	0.927	---	0.0250	mg/kg wet	50	1.00	---	93	80-120%	---	---	

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050895 - EPA 5035A							**Soil**					
LCS (9050895-BS1)			Prepared: 05/15/19 09:30 Analyzed: 05/15/19 10:59									
1,2-Dichloroethane (EDC)	0.980	---	0.0250	mg/kg wet	50	1.00	---	98	80-120%	---	---	
1,1-Dichloroethene	0.853	---	0.0250	mg/kg wet	50	1.00	---	85	80-120%	---	---	
cis-1,2-Dichloroethene	1.02	---	0.0250	mg/kg wet	50	1.00	---	102	80-120%	---	---	
trans-1,2-Dichloroethene	0.900	---	0.0250	mg/kg wet	50	1.00	---	90	80-120%	---	---	
1,2-Dichloropropane	1.06	---	0.0250	mg/kg wet	50	1.00	---	106	80-120%	---	---	
1,3-Dichloropropane	1.04	---	0.0500	mg/kg wet	50	1.00	---	104	80-120%	---	---	
2,2-Dichloropropane	1.25	---	0.0500	mg/kg wet	50	1.00	---	**125**	**80-120%**	---	---	Q-56
1,1-Dichloropropene	1.03	---	0.0500	mg/kg wet	50	1.00	---	103	80-120%	---	---	
cis-1,3-Dichloropropene	0.947	---	0.0500	mg/kg wet	50	1.00	---	95	80-120%	---	---	
trans-1,3-Dichloropropene	0.984	---	0.0500	mg/kg wet	50	1.00	---	98	80-120%	---	---	
Ethylbenzene	0.995	---	0.0250	mg/kg wet	50	1.00	---	99	80-120%	---	---	
Hexachlorobutadiene	1.03	---	0.100	mg/kg wet	50	1.00	---	103	80-120%	---	---	
2-Hexanone	1.77	---	0.500	mg/kg wet	50	2.00	---	88	80-120%	---	---	
Isopropylbenzene	1.13	---	0.0500	mg/kg wet	50	1.00	---	113	80-120%	---	---	
4-Isopropyltoluene	1.08	---	0.0500	mg/kg wet	50	1.00	---	108	80-120%	---	---	
Methylene chloride	0.752	---	0.250	mg/kg wet	50	1.00	---	**75**	**80-120%**	---	---	Q-55
4-Methyl-2-pentanone (MiBK)	1.97	---	0.500	mg/kg wet	50	2.00	---	98	80-120%	---	---	
Methyl tert-butyl ether (MTBE)	1.05	---	0.0500	mg/kg wet	50	1.00	---	105	80-120%	---	---	
Naphthalene	0.840	---	0.100	mg/kg wet	50	1.00	---	84	80-120%	---	---	
n-Propylbenzene	1.10	---	0.0250	mg/kg wet	50	1.00	---	110	80-120%	---	---	
Styrene	0.996	---	0.0500	mg/kg wet	50	1.00	---	100	80-120%	---	---	
1,1,1,2-Tetrachloroethane	1.15	---	0.100	mg/kg wet	50	1.00	---	115	80-120%	---	---	
1,1,2,2-Tetrachloroethane	1.11	---	0.0500	mg/kg wet	50	1.00	---	111	80-120%	---	---	
Tetrachloroethene (PCE)	0.972	---	0.0250	mg/kg wet	50	1.00	---	97	80-120%	---	---	
Toluene	0.908	---	0.0500	mg/kg wet	50	1.00	---	91	80-120%	---	---	
1,2,3-Trichlorobenzene	0.980	---	0.250	mg/kg wet	50	1.00	---	98	80-120%	---	---	
1,2,4-Trichlorobenzene	1.03	---	0.250	mg/kg wet	50	1.00	---	103	80-120%	---	---	
1,1,1-Trichloroethane	1.17	---	0.0250	mg/kg wet	50	1.00	---	117	80-120%	---	---	
1,1,2-Trichloroethane	1.08	---	0.0250	mg/kg wet	50	1.00	---	108	80-120%	---	---	
Trichloroethene (TCE)	1.03	---	0.0250	mg/kg wet	50	1.00	---	103	80-120%	---	---	
Trichlorofluoromethane	1.39	---	0.100	mg/kg wet	50	1.00	---	**139**	**80-120%**	---	---	Q-56
1,2,3-Trichloropropane	1.02	---	0.0500	mg/kg wet	50	1.00	---	102	80-120%	---	---	
1,2,4-Trimethylbenzene	1.13	---	0.0500	mg/kg wet	50	1.00	---	113	80-120%	---	---	
1,3,5-Trimethylbenzene	1.13	---	0.0500	mg/kg wet	50	1.00	---	113	80-120%	---	---	

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050895 - EPA 5035A							**Soil**					
LCS (9050895-BS1)			Prepared: 05/15/19 09:30 Analyzed: 05/15/19 10:59									
Vinyl chloride	1.04	---	0.0250	mg/kg wet	50	1.00	---	104	80-120%	---	---	
m,p-Xylene	2.11	---	0.0500	mg/kg wet	50	2.00	---	106	80-120%	---	---	
o-Xylene	1.06	---	0.0250	mg/kg wet	50	1.00	---	106	80-120%	---	---	
Surr: 1,4-Difluorobenzene (Surr)		*Recovery:*	*103 %*	*Limits:*	*80-120 %*		*Dilution:*	*1x*				
Toluene-d8 (Surr)			*95 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*102 %*		*80-120 %*			*"*				
Duplicate (9050895-DUP1)			Prepared: 05/14/19 17:13 Analyzed: 05/15/19 14:41									**V-15**
QC Source Sample: Non-SDG (A9E0448-01)												
Acetone	ND	---	1.23	mg/kg dry	50	---	ND	---	---	---	30%	
Acrylonitrile	ND	---	0.123	mg/kg dry	50	---	ND	---	---	---	30%	
Benzene	ND	---	0.0123	mg/kg dry	50	---	ND	---	---	---	30%	
Bromobenzene	ND	---	0.0306	mg/kg dry	50	---	ND	---	---	---	30%	
Bromochloromethane	ND	---	0.0613	mg/kg dry	50	---	ND	---	---	---	30%	
Bromodichloromethane	ND	---	0.123	mg/kg dry	50	---	ND	---	---	---	30%	
Bromoform	ND	---	0.245	mg/kg dry	50	---	ND	---	---	---	30%	
Bromomethane	ND	---	0.613	mg/kg dry	50	---	ND	---	---	---	30%	
2-Butanone (MEK)	ND	---	0.613	mg/kg dry	50	---	ND	---	---	---	30%	
n-Butylbenzene	ND	---	0.0613	mg/kg dry	50	---	ND	---	---	---	30%	
sec-Butylbenzene	ND	---	0.0613	mg/kg dry	50	---	ND	---	---	---	30%	
tert-Butylbenzene	ND	---	0.0613	mg/kg dry	50	---	ND	---	---	---	30%	
Carbon disulfide	ND	---	0.613	mg/kg dry	50	---	ND	---	---	---	30%	
Carbon tetrachloride	ND	---	0.123	mg/kg dry	50	---	ND	---	---	---	30%	
Chlorobenzene	ND	---	0.0306	mg/kg dry	50	---	ND	---	---	---	30%	
Chloroethane	ND	---	0.613	mg/kg dry	50	---	ND	---	---	---	30%	
Chloroform	ND	---	0.0613	mg/kg dry	50	---	ND	---	---	---	30%	
Chloromethane	ND	---	0.306	mg/kg dry	50	---	ND	---	---	---	30%	
2-Chlorotoluene	ND	---	0.0613	mg/kg dry	50	---	ND	---	---	---	30%	
4-Chlorotoluene	ND	---	0.0613	mg/kg dry	50	---	ND	---	---	---	30%	
Dibromochloromethane	ND	---	0.123	mg/kg dry	50	---	ND	---	---	---	30%	
1,2-Dibromo-3-chloropropane	ND	---	0.306	mg/kg dry	50	---	ND	---	---	---	30%	
1,2-Dibromoethane (EDB)	ND	---	0.0613	mg/kg dry	50	---	ND	---	---	---	30%	
Dibromomethane	ND	---	0.0613	mg/kg dry	50	---	ND	---	---	---	30%	
1,2-Dichlorobenzene	ND	---	0.0306	mg/kg dry	50	---	ND	---	---	---	30%	

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QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050895 - EPA 5035A							**Soil**					
Duplicate (9050895-DUP1)			Prepared: 05/14/19 17:13		Analyzed: 05/15/19 14:41							**V-15**
QC Source Sample: Non-SDG (A9E0448-01)												
1,3-Dichlorobenzene	ND	---	0.0306	mg/kg dry	50	---	ND	---	---	---	30%	
1,4-Dichlorobenzene	ND	---	0.0306	mg/kg dry	50	---	ND	---	---	---	30%	
Dichlorodifluoromethane	ND	---	0.123	mg/kg dry	50	---	ND	---	---	---	30%	
1,1-Dichloroethane	ND	---	0.0306	mg/kg dry	50	---	ND	---	---	---	30%	
1,2-Dichloroethane (EDC)	ND	---	0.0306	mg/kg dry	50	---	ND	---	---	---	30%	
1,1-Dichloroethene	ND	---	0.0306	mg/kg dry	50	---	ND	---	---	---	30%	
cis-1,2-Dichloroethene	ND	---	0.0306	mg/kg dry	50	---	ND	---	---	---	30%	
trans-1,2-Dichloroethene	ND	---	0.0306	mg/kg dry	50	---	ND	---	---	---	30%	
1,2-Dichloropropane	ND	---	0.0306	mg/kg dry	50	---	ND	---	---	---	30%	
1,3-Dichloropropane	ND	---	0.0613	mg/kg dry	50	---	ND	---	---	---	30%	
2,2-Dichloropropane	ND	---	0.0613	mg/kg dry	50	---	ND	---	---	---	30%	
1,1-Dichloropropene	ND	---	0.0613	mg/kg dry	50	---	ND	---	---	---	30%	
cis-1,3-Dichloropropene	ND	---	0.0613	mg/kg dry	50	---	ND	---	---	---	30%	
trans-1,3-Dichloropropene	ND	---	0.0613	mg/kg dry	50	---	ND	---	---	---	30%	
Ethylbenzene	ND	---	0.0306	mg/kg dry	50	---	ND	---	---	---	30%	
Hexachlorobutadiene	ND	---	0.123	mg/kg dry	50	---	ND	---	---	---	30%	
2-Hexanone	ND	---	0.613	mg/kg dry	50	---	ND	---	---	---	30%	
Isopropylbenzene	ND	---	0.0613	mg/kg dry	50	---	ND	---	---	---	30%	
4-Isopropyltoluene	ND	---	0.0613	mg/kg dry	50	---	ND	---	---	---	30%	
Methylene chloride	ND	---	0.306	mg/kg dry	50	---	ND	---	---	---	30%	
4-Methyl-2-pentanone (MiBK)	ND	---	0.613	mg/kg dry	50	---	ND	---	---	---	30%	
Methyl tert-butyl ether (MTBE)	ND	---	0.0613	mg/kg dry	50	---	ND	---	---	---	30%	
Naphthalene	ND	---	0.123	mg/kg dry	50	---	ND	---	---	---	30%	
n-Propylbenzene	ND	---	0.0306	mg/kg dry	50	---	ND	---	---	---	30%	
Styrene	ND	---	0.0613	mg/kg dry	50	---	ND	---	---	---	30%	
1,1,1,2-Tetrachloroethane	ND	---	0.123	mg/kg dry	50	---	ND	---	---	---	30%	
1,1,2,2-Tetrachloroethane	ND	---	0.0613	mg/kg dry	50	---	ND	---	---	---	30%	
Tetrachloroethene (PCE)	ND	---	0.0306	mg/kg dry	50	---	ND	---	---	---	30%	
Toluene	ND	---	0.0613	mg/kg dry	50	---	ND	---	---	---	30%	
1,2,3-Trichlorobenzene	ND	---	0.306	mg/kg dry	50	---	ND	---	---	---	30%	
1,2,4-Trichlorobenzene	ND	---	0.306	mg/kg dry	50	---	ND	---	---	---	30%	
1,1,1-Trichloroethane	ND	---	0.0306	mg/kg dry	50	---	ND	---	---	---	30%	
1,1,2-Trichloroethane	ND	---	0.0306	mg/kg dry	50	---	ND	---	---	---	30%	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050895 - EPA 5035A							**Soil**					
Duplicate (9050895-DUP1)			Prepared: 05/14/19 17:13 Analyzed: 05/15/19 14:41									**V-15**
QC Source Sample: Non-SDG (A9E0448-01)												
Trichloroethene (TCE)	ND	---	0.0306	mg/kg dry	50	---	ND	---	---	---	30%	
Trichlorofluoromethane	ND	---	0.123	mg/kg dry	50	---	ND	---	---	---	30%	
1,2,3-Trichloropropane	ND	---	0.0613	mg/kg dry	50	---	ND	---	---	---	30%	
1,2,4-Trimethylbenzene	ND	---	0.0613	mg/kg dry	50	---	ND	---	---	---	30%	
1,3,5-Trimethylbenzene	ND	---	0.0613	mg/kg dry	50	---	ND	---	---	---	30%	
Vinyl chloride	ND	---	0.0306	mg/kg dry	50	---	ND	---	---	---	30%	
m,p-Xylene	ND	---	0.0613	mg/kg dry	50	---	ND	---	---	---	30%	
o-Xylene	ND	---	0.0306	mg/kg dry	50	---	ND	---	---	---	30%	
Surr: 1,4-Difluorobenzene (Surr)		*Recovery:*	*104 %*	*Limits:*	*80-120 %*		*Dilution: 1x*					
Toluene-d8 (Surr)			*96 %*		*80-120 %*		*"*					
4-Bromofluorobenzene (Surr)			*104 %*		*80-120 %*		*"*					
Matrix Spike (9050895-MS1)			Prepared: 05/10/19 17:32 Analyzed: 05/15/19 15:35									**V-15**
QC Source Sample: Non-SDG (A9E0359-02)												
5035A/8260C												
Acetone	2.55	---	1.27	mg/kg dry	50	2.54	ND	100	36-164%	---	---	
Acrylonitrile	1.44	---	0.127	mg/kg dry	50	1.27	ND	113	65-134%	---	---	
Benzene	1.31	---	0.0127	mg/kg dry	50	1.27	ND	103	77-121%	---	---	
Bromobenzene	1.35	---	0.0317	mg/kg dry	50	1.27	ND	106	78-121%	---	---	
Bromochloromethane	1.33	---	0.0635	mg/kg dry	50	1.27	ND	105	78-125%	---	---	
Bromodichloromethane	1.44	---	0.127	mg/kg dry	50	1.27	ND	113	75-127%	---	---	
Bromoform	1.52	---	0.254	mg/kg dry	50	1.27	ND	120	67-132%	---	---	Q-54c
Bromomethane	1.40	---	0.635	mg/kg dry	50	1.27	ND	110	53-143%	---	---	
2-Butanone (MEK)	2.91	---	0.635	mg/kg dry	50	2.54	ND	115	51-148%	---	---	
n-Butylbenzene	2.05	---	0.0635	mg/kg dry	50	1.27	0.528	120	70-128%	---	---	
sec-Butylbenzene	1.75	---	0.0635	mg/kg dry	50	1.27	0.258	117	73-126%	---	---	
tert-Butylbenzene	1.50	---	0.0635	mg/kg dry	50	1.27	ND	118	73-125%	---	---	
Carbon disulfide	1.14	---	0.635	mg/kg dry	50	1.27	ND	90	63-132%	---	---	
Carbon tetrachloride	1.49	---	0.127	mg/kg dry	50	1.27	ND	118	70-135%	---	---	
Chlorobenzene	1.23	---	0.0317	mg/kg dry	50	1.27	ND	97	79-120%	---	---	
Chloroethane	1.07	---	0.635	mg/kg dry	50	1.27	ND	85	59-139%	---	---	
Chloroform	1.35	---	0.0635	mg/kg dry	50	1.27	ND	106	78-123%	---	---	
Chloromethane	1.22	---	0.317	mg/kg dry	50	1.27	ND	96	50-136%	---	---	

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050895 - EPA 5035A							**Soil**					
Matrix Spike (9050895-MS1)			Prepared: 05/10/19 17:32		Analyzed: 05/15/19 15:35							**V-15**
QC Source Sample: Non-SDG (A9E0359-02)												
2-Chlorotoluene	1.44	---	0.0635	mg/kg dry	50	1.27	ND	113	75-122%	---	---	
4-Chlorotoluene	1.42	---	0.0635	mg/kg dry	50	1.27	ND	112	72-124%	---	---	
Dibromochloromethane	1.39	---	0.127	mg/kg dry	50	1.27	ND	110	74-126%	---	---	
1,2-Dibromo-3-chloropropane	1.29	---	0.317	mg/kg dry	50	1.27	ND	102	61-132%	---	---	
1,2-Dibromoethane (EDB)	1.35	---	0.0635	mg/kg dry	50	1.27	ND	106	78-122%	---	---	
Dibromomethane	1.48	---	0.0635	mg/kg dry	50	1.27	ND	117	78-125%	---	---	
1,2-Dichlorobenzene	1.31	---	0.0317	mg/kg dry	50	1.27	ND	103	78-121%	---	---	
1,3-Dichlorobenzene	1.33	---	0.0317	mg/kg dry	50	1.27	ND	105	77-121%	---	---	
1,4-Dichlorobenzene	1.23	---	0.0317	mg/kg dry	50	1.27	ND	97	75-120%	---	---	
Dichlorodifluoromethane	1.35	---	0.127	mg/kg dry	50	1.27	ND	106	29-149%	---	---	
1,1-Dichloroethane	1.20	---	0.0317	mg/kg dry	50	1.27	ND	95	76-125%	---	---	
1,2-Dichloroethane (EDC)	1.33	---	0.0317	mg/kg dry	50	1.27	ND	104	73-128%	---	---	
1,1-Dichloroethene	1.01	---	0.0317	mg/kg dry	50	1.27	ND	80	70-131%	---	---	
cis-1,2-Dichloroethene	1.35	---	0.0317	mg/kg dry	50	1.27	ND	106	77-123%	---	---	
trans-1,2-Dichloroethene	1.15	---	0.0317	mg/kg dry	50	1.27	ND	90	74-125%	---	---	
1,2-Dichloropropane	1.42	---	0.0317	mg/kg dry	50	1.27	ND	112	76-123%	---	---	
1,3-Dichloropropane	1.40	---	0.0635	mg/kg dry	50	1.27	ND	110	77-121%	---	---	
2,2-Dichloropropane	1.53	---	0.0635	mg/kg dry	50	1.27	ND	121	67-133%	---	---	Q-54d
1,1-Dichloropropene	1.33	---	0.0635	mg/kg dry	50	1.27	ND	105	76-125%	---	---	
cis-1,3-Dichloropropene	1.30	---	0.0635	mg/kg dry	50	1.27	ND	103	74-126%	---	---	
trans-1,3-Dichloropropene	1.32	---	0.0635	mg/kg dry	50	1.27	ND	104	71-130%	---	---	
Ethylbenzene	1.28	---	0.0317	mg/kg dry	50	1.27	ND	101	76-122%	---	---	
Hexachlorobutadiene	1.51	---	0.127	mg/kg dry	50	1.27	ND	119	61-135%	---	---	
2-Hexanone	2.79	---	0.635	mg/kg dry	50	2.54	ND	110	53-145%	---	---	
Isopropylbenzene	1.77	---	0.0635	mg/kg dry	50	1.27	0.260	119	68-134%	---	---	
4-Isopropyltoluene	1.45	---	0.0635	mg/kg dry	50	1.27	ND	115	73-127%	---	---	
Methylene chloride	0.958	---	0.317	mg/kg dry	50	1.27	ND	76	70-128%	---	---	Q-54f
4-Methyl-2-pentanone (MiBK)	2.97	---	0.635	mg/kg dry	50	2.54	ND	117	65-135%	---	---	
Methyl tert-butyl ether (MTBE)	1.44	---	0.0635	mg/kg dry	50	1.27	ND	113	73-125%	---	---	
Naphthalene	1.39	---	0.133	mg/kg dry	50	1.27	ND	110	62-129%	---	---	
n-Propylbenzene	2.25	---	0.0317	mg/kg dry	50	1.27	0.784	116	73-125%	---	---	
Styrene	1.32	---	0.0635	mg/kg dry	50	1.27	ND	104	76-124%	---	---	
1,1,1,2-Tetrachloroethane	1.46	---	0.127	mg/kg dry	50	1.27	ND	115	78-125%	---	---	

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050895 - EPA 5035A							**Soil**					
Matrix Spike (9050895-MS1)			Prepared: 05/10/19 17:32		Analyzed: 05/15/19 15:35							**V-15**
QC Source Sample: Non-SDG (A9E0359-02)												
1,1,2,2-Tetrachloroethane	1.43	---	0.0635	mg/kg dry	50	1.27	ND	113	70-124%	---	---	
Tetrachloroethene (PCE)	1.21	---	0.0317	mg/kg dry	50	1.27	ND	96	73-128%	---	---	
Toluene	1.16	---	0.0635	mg/kg dry	50	1.27	ND	91	77-121%	---	---	
1,2,3-Trichlorobenzene	1.32	---	0.317	mg/kg dry	50	1.27	ND	104	66-130%	---	---	
1,2,4-Trichlorobenzene	1.41	---	0.317	mg/kg dry	50	1.27	ND	111	67-129%	---	---	
1,1,1-Trichloroethane	1.49	---	0.0317	mg/kg dry	50	1.27	ND	117	73-130%	---	---	
1,1,2-Trichloroethane	1.51	---	0.0317	mg/kg dry	50	1.27	ND	119	78-121%	---	---	
Trichloroethene (TCE)	1.33	---	0.0317	mg/kg dry	50	1.27	ND	105	77-123%	---	---	
Trichlorofluoromethane	1.13	---	0.127	mg/kg dry	50	1.27	ND	89	62-140%	---	---	Q-54b
1,2,3-Trichloropropane	1.30	---	0.0635	mg/kg dry	50	1.27	ND	103	73-125%	---	---	
1,2,4-Trimethylbenzene	1.50	---	0.0635	mg/kg dry	50	1.27	0.0391	115	75-123%	---	---	
1,3,5-Trimethylbenzene	1.48	---	0.0635	mg/kg dry	50	1.27	ND	116	73-124%	---	---	
Vinyl chloride	1.31	---	0.0317	mg/kg dry	50	1.27	ND	103	56-135%	---	---	
m,p-Xylene	2.71	---	0.0635	mg/kg dry	50	2.54	ND	107	77-124%	---	---	
o-Xylene	1.44	---	0.0317	mg/kg dry	50	1.27	0.0265	111	77-123%	---	---	
Surr: 1,4-Difluorobenzene (Surr)		*Recovery:*	*105 %*	*Limits:*	*80-120 %*		*Dilution:*	*1x*				
Toluene-d8 (Surr)			*95 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*104 %*		*80-120 %*			*"*				

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GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051023 - EPA 5035A							**Soil**					
Blank (9051023-BLK1)			Prepared: 05/18/19 10:00 Analyzed: 05/18/19 12:21									
5035A/8260C												
Acetone	ND	---	0.667	mg/kg wet	50	---	---	---	---	---	---	
Acrylonitrile	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
Benzene	ND	---	0.00667	mg/kg wet	50	---	---	---	---	---	---	
Bromobenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Bromochloromethane	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Bromodichloromethane	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
Bromoform	ND	---	0.133	mg/kg wet	50	---	---	---	---	---	---	
Bromomethane	ND	---	0.333	mg/kg wet	50	---	---	---	---	---	---	
2-Butanone (MEK)	ND	---	0.333	mg/kg wet	50	---	---	---	---	---	---	
n-Butylbenzene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
sec-Butylbenzene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
tert-Butylbenzene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Carbon disulfide	ND	---	0.333	mg/kg wet	50	---	---	---	---	---	---	
Carbon tetrachloride	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
Chlorobenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Chloroethane	ND	---	0.333	mg/kg wet	50	---	---	---	---	---	---	
Chloroform	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Chloromethane	ND	---	0.167	mg/kg wet	50	---	---	---	---	---	---	
2-Chlorotoluene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
4-Chlorotoluene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Dibromochloromethane	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
1,2-Dibromo-3-chloropropane	ND	---	0.167	mg/kg wet	50	---	---	---	---	---	---	
1,2-Dibromoethane (EDB)	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Dibromomethane	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
1,2-Dichlorobenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
1,3-Dichlorobenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
1,4-Dichlorobenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Dichlorodifluoromethane	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
1,1-Dichloroethane	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
1,2-Dichloroethane (EDC)	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
1,1-Dichloroethene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
cis-1,2-Dichloroethene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
trans-1,2-Dichloroethene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	

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Philip Nerenberg, Lab Director

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GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051023 - EPA 5035A							**Soil**					
Blank (9051023-BLK1)			Prepared: 05/18/19 10:00 Analyzed: 05/18/19 12:21									
1,2-Dichloropropane	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
1,3-Dichloropropane	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
2,2-Dichloropropane	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
1,1-Dichloropropene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
cis-1,3-Dichloropropene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
trans-1,3-Dichloropropene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Ethylbenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Hexachlorobutadiene	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
2-Hexanone	ND	---	0.333	mg/kg wet	50	---	---	---	---	---	---	
Isopropylbenzene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
4-Isopropyltoluene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Methylene chloride	ND	---	0.167	mg/kg wet	50	---	---	---	---	---	---	
4-Methyl-2-pentanone (MiBK)	ND	---	0.333	mg/kg wet	50	---	---	---	---	---	---	
Methyl tert-butyl ether (MTBE)	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Naphthalene	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
n-Propylbenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Styrene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
1,1,1,2-Tetrachloroethane	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
1,1,2,2-Tetrachloroethane	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Tetrachloroethene (PCE)	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Toluene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
1,2,3-Trichlorobenzene	ND	---	0.167	mg/kg wet	50	---	---	---	---	---	---	
1,2,4-Trichlorobenzene	ND	---	0.167	mg/kg wet	50	---	---	---	---	---	---	
1,1,1-Trichloroethane	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
1,1,2-Trichloroethane	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Trichloroethene (TCE)	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Trichlorofluoromethane	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
1,2,3-Trichloropropane	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
1,2,4-Trimethylbenzene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
1,3,5-Trimethylbenzene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Vinyl chloride	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
m,p-Xylene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
o-Xylene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	

Surr: 1,4-Difluorobenzene (Surr) *Recovery: 102 %* *Limits: 80-120 %* *Dilution: 1x*

Apex Laboratories

Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	A9E0401 - 06 04 19 1033

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051023 - EPA 5035A							**Soil**					
Blank (9051023-BLK1)			Prepared: 05/18/19 10:00 Analyzed: 05/18/19 12:21									
Surr: Toluene-d8 (Surr)			*Recovery: 97 %*	*Limits: 80-120 %*				*Dilution: 1x*				
4-Bromofluorobenzene (Surr)			*103 %*	*80-120 %*				*"*				
LCS (9051023-BS1)			Prepared: 05/18/19 10:00 Analyzed: 05/18/19 11:27									
5035A/8260C												
Acetone	1.80	---	1.00	mg/kg wet	50	2.00	---	90	80-120%	---	---	
Acrylonitrile	1.00	---	0.100	mg/kg wet	50	1.00	---	100	80-120%	---	---	
Benzene	0.936	---	0.0100	mg/kg wet	50	1.00	---	94	80-120%	---	---	
Bromobenzene	0.984	---	0.0250	mg/kg wet	50	1.00	---	98	80-120%	---	---	
Bromochloromethane	1.00	---	0.0500	mg/kg wet	50	1.00	---	100	80-120%	---	---	
Bromodichloromethane	1.03	---	0.100	mg/kg wet	50	1.00	---	103	80-120%	---	---	
Bromoform	1.39	---	0.200	mg/kg wet	50	1.00	---	**139**	**80-120%**	---	---	Q-56
Bromomethane	1.12	---	0.500	mg/kg wet	50	1.00	---	112	80-120%	---	---	
2-Butanone (MEK)	1.93	---	0.500	mg/kg wet	50	2.00	---	96	80-120%	---	---	
n-Butylbenzene	1.01	---	0.0500	mg/kg wet	50	1.00	---	101	80-120%	---	---	
sec-Butylbenzene	1.03	---	0.0500	mg/kg wet	50	1.00	---	103	80-120%	---	---	
tert-Butylbenzene	1.03	---	0.0500	mg/kg wet	50	1.00	---	103	80-120%	---	---	
Carbon disulfide	0.931	---	0.500	mg/kg wet	50	1.00	---	93	80-120%	---	---	
Carbon tetrachloride	1.25	---	0.100	mg/kg wet	50	1.00	---	**125**	**80-120%**	---	---	Q-56
Chlorobenzene	0.913	---	0.0250	mg/kg wet	50	1.00	---	91	80-120%	---	---	
Chloroethane	0.902	---	0.500	mg/kg wet	50	1.00	---	90	80-120%	---	---	
Chloroform	0.964	---	0.0500	mg/kg wet	50	1.00	---	96	80-120%	---	---	
Chloromethane	0.874	---	0.250	mg/kg wet	50	1.00	---	87	80-120%	---	---	
2-Chlorotoluene	1.00	---	0.0500	mg/kg wet	50	1.00	---	100	80-120%	---	---	
4-Chlorotoluene	1.02	---	0.0500	mg/kg wet	50	1.00	---	102	80-120%	---	---	
Dibromochloromethane	1.13	---	0.100	mg/kg wet	50	1.00	---	113	80-120%	---	---	
1,2-Dibromo-3-chloropropane	1.11	---	0.250	mg/kg wet	50	1.00	---	111	80-120%	---	---	
1,2-Dibromoethane (EDB)	0.969	---	0.0500	mg/kg wet	50	1.00	---	97	80-120%	---	---	
Dibromomethane	1.02	---	0.0500	mg/kg wet	50	1.00	---	102	80-120%	---	---	
1,2-Dichlorobenzene	0.979	---	0.0250	mg/kg wet	50	1.00	---	98	80-120%	---	---	
1,3-Dichlorobenzene	0.974	---	0.0250	mg/kg wet	50	1.00	---	97	80-120%	---	---	
1,4-Dichlorobenzene	0.925	---	0.0250	mg/kg wet	50	1.00	---	93	80-120%	---	---	
Dichlorodifluoromethane	0.915	---	0.100	mg/kg wet	50	1.00	---	92	80-120%	---	---	
1,1-Dichloroethane	0.864	---	0.0250	mg/kg wet	50	1.00	---	86	80-120%	---	---	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051023 - EPA 5035A							**Soil**					
LCS (9051023-BS1)			Prepared: 05/18/19 10:00 Analyzed: 05/18/19 11:27									
1,2-Dichloroethane (EDC)	0.900	---	0.0250	mg/kg wet	50	1.00	---	90	80-120%	---	---	
1,1-Dichloroethene	0.807	---	0.0250	mg/kg wet	50	1.00	---	81	80-120%	---	---	
cis-1,2-Dichloroethene	0.968	---	0.0250	mg/kg wet	50	1.00	---	97	80-120%	---	---	
trans-1,2-Dichloroethene	0.847	---	0.0250	mg/kg wet	50	1.00	---	85	80-120%	---	---	
1,2-Dichloropropane	0.970	---	0.0250	mg/kg wet	50	1.00	---	97	80-120%	---	---	
1,3-Dichloropropane	0.991	---	0.0500	mg/kg wet	50	1.00	---	99	80-120%	---	---	
2,2-Dichloropropane	1.26	---	0.0500	mg/kg wet	50	1.00	---	**126**	**80-120%**	---	---	Q-56
1,1-Dichloropropene	0.952	---	0.0500	mg/kg wet	50	1.00	---	95	80-120%	---	---	
cis-1,3-Dichloropropene	0.963	---	0.0500	mg/kg wet	50	1.00	---	96	80-120%	---	---	
trans-1,3-Dichloropropene	1.03	---	0.0500	mg/kg wet	50	1.00	---	103	80-120%	---	---	
Ethylbenzene	0.955	---	0.0250	mg/kg wet	50	1.00	---	96	80-120%	---	---	
Hexachlorobutadiene	0.964	---	0.100	mg/kg wet	50	1.00	---	96	80-120%	---	---	
2-Hexanone	1.92	---	0.500	mg/kg wet	50	2.00	---	96	80-120%	---	---	
Isopropylbenzene	1.07	---	0.0500	mg/kg wet	50	1.00	---	107	80-120%	---	---	
4-Isopropyltoluene	1.01	---	0.0500	mg/kg wet	50	1.00	---	101	80-120%	---	---	
Methylene chloride	0.719	---	0.250	mg/kg wet	50	1.00	---	**72**	**80-120%**	---	---	Q-55
4-Methyl-2-pentanone (MiBK)	2.03	---	0.500	mg/kg wet	50	2.00	---	101	80-120%	---	---	
Methyl tert-butyl ether (MTBE)	0.995	---	0.0500	mg/kg wet	50	1.00	---	100	80-120%	---	---	
Naphthalene	0.889	---	0.100	mg/kg wet	50	1.00	---	89	80-120%	---	---	
n-Propylbenzene	1.00	---	0.0250	mg/kg wet	50	1.00	---	100	80-120%	---	---	
Styrene	1.02	---	0.0500	mg/kg wet	50	1.00	---	102	80-120%	---	---	
1,1,1,2-Tetrachloroethane	1.16	---	0.100	mg/kg wet	50	1.00	---	116	80-120%	---	---	
1,1,2,2-Tetrachloroethane	1.15	---	0.0500	mg/kg wet	50	1.00	---	115	80-120%	---	---	
Tetrachloroethene (PCE)	0.904	---	0.0250	mg/kg wet	50	1.00	---	90	80-120%	---	---	
Toluene	0.867	---	0.0500	mg/kg wet	50	1.00	---	87	80-120%	---	---	
1,2,3-Trichlorobenzene	0.948	---	0.250	mg/kg wet	50	1.00	---	95	80-120%	---	---	
1,2,4-Trichlorobenzene	0.968	---	0.250	mg/kg wet	50	1.00	---	97	80-120%	---	---	
1,1,1-Trichloroethane	1.12	---	0.0250	mg/kg wet	50	1.00	---	112	80-120%	---	---	
1,1,2-Trichloroethane	1.02	---	0.0250	mg/kg wet	50	1.00	---	102	80-120%	---	---	
Trichloroethene (TCE)	0.926	---	0.0250	mg/kg wet	50	1.00	---	93	80-120%	---	---	
Trichlorofluoromethane	1.07	---	0.100	mg/kg wet	50	1.00	---	107	80-120%	---	---	
1,2,3-Trichloropropane	0.997	---	0.0500	mg/kg wet	50	1.00	---	100	80-120%	---	---	
1,2,4-Trimethylbenzene	1.05	---	0.0500	mg/kg wet	50	1.00	---	105	80-120%	---	---	
1,3,5-Trimethylbenzene	1.06	---	0.0500	mg/kg wet	50	1.00	---	106	80-120%	---	---	

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GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051023 - EPA 5035A							**Soil**					
LCS (9051023-BS1)			Prepared: 05/18/19 10:00 Analyzed: 05/18/19 11:27									
Vinyl chloride	0.967	---	0.0250	mg/kg wet	50	1.00	---	97	80-120%	---	---	
m,p-Xylene	2.03	---	0.0500	mg/kg wet	50	2.00	---	101	80-120%	---	---	
o-Xylene	1.03	---	0.0250	mg/kg wet	50	1.00	---	103	80-120%	---	---	
Surr: 1,4-Difluorobenzene (Surr)		*Recovery:*	*101 %*	*Limits:*	*80-120 %*		*Dilution:*	*1x*				
Toluene-d8 (Surr)			*95 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*100 %*		*80-120 %*			*"*				
Duplicate (9051023-DUP1)			Prepared: 05/11/19 11:45 Analyzed: 05/18/19 16:53									
QC Source Sample: DP-11(10-11) (A9E0401-36)												
5035A/8260C												
Acetone	ND	---	1.18	mg/kg dry	50	---	ND	---	---	---	30%	
Acrylonitrile	ND	---	0.118	mg/kg dry	50	---	ND	---	---	---	30%	
Benzene	ND	---	0.0118	mg/kg dry	50	---	ND	---	---	---	30%	
Bromobenzene	ND	---	0.0296	mg/kg dry	50	---	ND	---	---	---	30%	
Bromochloromethane	ND	---	0.0591	mg/kg dry	50	---	ND	---	---	---	30%	
Bromodichloromethane	ND	---	0.118	mg/kg dry	50	---	ND	---	---	---	30%	
Bromoform	ND	---	0.237	mg/kg dry	50	---	ND	---	---	---	30%	
Bromomethane	ND	---	0.591	mg/kg dry	50	---	ND	---	---	---	30%	
2-Butanone (MEK)	ND	---	0.591	mg/kg dry	50	---	ND	---	---	---	30%	
n-Butylbenzene	ND	---	0.0591	mg/kg dry	50	---	ND	---	---	---	30%	
sec-Butylbenzene	ND	---	0.0591	mg/kg dry	50	---	ND	---	---	---	30%	
tert-Butylbenzene	ND	---	0.0591	mg/kg dry	50	---	ND	---	---	---	30%	
Carbon disulfide	ND	---	0.591	mg/kg dry	50	---	ND	---	---	---	30%	
Carbon tetrachloride	ND	---	0.118	mg/kg dry	50	---	ND	---	---	---	30%	
Chlorobenzene	ND	---	0.0296	mg/kg dry	50	---	ND	---	---	---	30%	
Chloroethane	ND	---	0.591	mg/kg dry	50	---	ND	---	---	---	30%	
Chloroform	ND	---	0.0591	mg/kg dry	50	---	ND	---	---	---	30%	
Chloromethane	ND	---	0.296	mg/kg dry	50	---	ND	---	---	---	30%	
2-Chlorotoluene	ND	---	0.0591	mg/kg dry	50	---	ND	---	---	---	30%	
4-Chlorotoluene	ND	---	0.0591	mg/kg dry	50	---	ND	---	---	---	30%	
Dibromochloromethane	ND	---	0.118	mg/kg dry	50	---	ND	---	---	---	30%	
1,2-Dibromo-3-chloropropane	ND	---	0.296	mg/kg dry	50	---	ND	---	---	---	30%	
1,2-Dibromoethane (EDB)	ND	---	0.0591	mg/kg dry	50	---	ND	---	---	---	30%	
Dibromomethane	ND	---	0.0591	mg/kg dry	50	---	ND	---	---	---	30%	

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051023 - EPA 5035A							**Soil**					
Duplicate (9051023-DUP1)			Prepared: 05/11/19 11:45 Analyzed: 05/18/19 16:53									
QC Source Sample: DP-11(10-11) (A9E0401-36)												
1,2-Dichlorobenzene	ND	---	0.0296	mg/kg dry	50	---	ND	---	---	---	30%	
1,3-Dichlorobenzene	ND	---	0.0296	mg/kg dry	50	---	ND	---	---	---	30%	
1,4-Dichlorobenzene	ND	---	0.0296	mg/kg dry	50	---	ND	---	---	---	30%	
Dichlorodifluoromethane	ND	---	0.118	mg/kg dry	50	---	ND	---	---	---	30%	
1,1-Dichloroethane	ND	---	0.0296	mg/kg dry	50	---	ND	---	---	---	30%	
1,2-Dichloroethane (EDC)	ND	---	0.0296	mg/kg dry	50	---	ND	---	---	---	30%	
1,1-Dichloroethene	ND	---	0.0296	mg/kg dry	50	---	ND	---	---	---	30%	
cis-1,2-Dichloroethene	ND	---	0.0296	mg/kg dry	50	---	ND	---	---	---	30%	
trans-1,2-Dichloroethene	ND	---	0.0296	mg/kg dry	50	---	ND	---	---	---	30%	
1,2-Dichloropropane	ND	---	0.0296	mg/kg dry	50	---	ND	---	---	---	30%	
1,3-Dichloropropane	ND	---	0.0591	mg/kg dry	50	---	ND	---	---	---	30%	
2,2-Dichloropropane	ND	---	0.0591	mg/kg dry	50	---	ND	---	---	---	30%	
1,1-Dichloropropene	ND	---	0.0591	mg/kg dry	50	---	ND	---	---	---	30%	
cis-1,3-Dichloropropene	ND	---	0.0591	mg/kg dry	50	---	ND	---	---	---	30%	
trans-1,3-Dichloropropene	ND	---	0.0591	mg/kg dry	50	---	ND	---	---	---	30%	
Ethylbenzene	ND	---	0.0296	mg/kg dry	50	---	ND	---	---	---	30%	
Hexachlorobutadiene	ND	---	0.118	mg/kg dry	50	---	ND	---	---	---	30%	
2-Hexanone	ND	---	0.591	mg/kg dry	50	---	ND	---	---	---	30%	
Isopropylbenzene	ND	---	0.0591	mg/kg dry	50	---	ND	---	---	---	30%	
4-Isopropyltoluene	ND	---	0.0591	mg/kg dry	50	---	ND	---	---	---	30%	
Methylene chloride	ND	---	0.296	mg/kg dry	50	---	ND	---	---	---	30%	
4-Methyl-2-pentanone (MiBK)	ND	---	0.591	mg/kg dry	50	---	ND	---	---	---	30%	
Methyl tert-butyl ether (MTBE)	ND	---	0.0591	mg/kg dry	50	---	ND	---	---	---	30%	
Naphthalene	ND	---	0.118	mg/kg dry	50	---	ND	---	---	---	30%	
n-Propylbenzene	ND	---	0.0296	mg/kg dry	50	---	ND	---	---	---	30%	
Styrene	ND	---	0.0591	mg/kg dry	50	---	ND	---	---	---	30%	
1,1,1,2-Tetrachloroethane	ND	---	0.118	mg/kg dry	50	---	ND	---	---	---	30%	
1,1,2,2-Tetrachloroethane	ND	---	0.0591	mg/kg dry	50	---	ND	---	---	---	30%	
Tetrachloroethene (PCE)	ND	---	0.0296	mg/kg dry	50	---	ND	---	---	---	30%	
Toluene	ND	---	0.0591	mg/kg dry	50	---	ND	---	---	---	30%	
1,2,3-Trichlorobenzene	ND	---	0.296	mg/kg dry	50	---	ND	---	---	---	30%	
1,2,4-Trichlorobenzene	ND	---	0.296	mg/kg dry	50	---	ND	---	---	---	30%	
1,1,1-Trichloroethane	ND	---	0.0296	mg/kg dry	50	---	ND	---	---	---	30%	

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051023 - EPA 5035A							**Soil**					
Duplicate (9051023-DUP1)			Prepared: 05/11/19 11:45 Analyzed: 05/18/19 16:53									
QC Source Sample: DP-11(10-11) (A9E0401-36)												
1,1,2-Trichloroethane	ND	---	0.0296	mg/kg dry	50	---	ND	---	---	---	30%	
Trichloroethene (TCE)	ND	---	0.0296	mg/kg dry	50	---	ND	---	---	---	30%	
Trichlorofluoromethane	ND	---	0.118	mg/kg dry	50	---	ND	---	---	---	30%	
1,2,3-Trichloropropane	ND	---	0.0591	mg/kg dry	50	---	ND	---	---	---	30%	
1,2,4-Trimethylbenzene	ND	---	0.0591	mg/kg dry	50	---	ND	---	---	---	30%	
1,3,5-Trimethylbenzene	ND	---	0.0591	mg/kg dry	50	---	ND	---	---	---	30%	
Vinyl chloride	ND	---	0.0296	mg/kg dry	50	---	ND	---	---	---	30%	
m,p-Xylene	ND	---	0.0591	mg/kg dry	50	---	ND	---	---	---	30%	
o-Xylene	ND	---	0.0296	mg/kg dry	50	---	ND	---	---	---	30%	
Surr: 1,4-Difluorobenzene (Surr)		*Recovery:*	*103 %*	*Limits:*	*80-120 %*		*Dilution:*	*1x*				
Toluene-d8 (Surr)			*95 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*103 %*		*80-120 %*			*"*				
Matrix Spike (9051023-MS1)			Prepared: 05/11/19 17:05 Analyzed: 05/18/19 22:45									
QC Source Sample: DP-16(2-3) (A9E0401-52)												
5035A/8260C												
Acetone	2.25	---	1.31	mg/kg dry	50	2.62	ND	86	36-164%	---	---	
Acrylonitrile	1.36	---	0.131	mg/kg dry	50	1.31	ND	104	65-134%	---	---	
Benzene	1.38	---	0.0131	mg/kg dry	50	1.31	ND	106	77-121%	---	---	
Bromobenzene	1.35	---	0.0327	mg/kg dry	50	1.31	ND	103	78-121%	---	---	
Bromochloromethane	1.51	---	0.0654	mg/kg dry	50	1.31	ND	115	78-125%	---	---	
Bromodichloromethane	1.57	---	0.131	mg/kg dry	50	1.31	ND	120	75-127%	---	---	
Bromoform	1.73	---	0.262	mg/kg dry	50	1.31	ND	132	67-132%	---	---	Q-54a
Bromomethane	1.80	---	0.654	mg/kg dry	50	1.31	ND	137	53-143%	---	---	
2-Butanone (MEK)	2.66	---	0.654	mg/kg dry	50	2.62	ND	102	51-148%	---	---	
n-Butylbenzene	1.32	---	0.0654	mg/kg dry	50	1.31	ND	101	70-128%	---	---	
sec-Butylbenzene	1.36	---	0.0654	mg/kg dry	50	1.31	ND	104	73-126%	---	---	
tert-Butylbenzene	1.36	---	0.0654	mg/kg dry	50	1.31	ND	104	73-125%	---	---	
Carbon disulfide	1.33	---	0.654	mg/kg dry	50	1.31	ND	102	63-132%	---	---	
Carbon tetrachloride	1.58	---	0.131	mg/kg dry	50	1.31	ND	121	70-135%	---	---	Q-54d
Chlorobenzene	1.23	---	0.0327	mg/kg dry	50	1.31	ND	94	79-120%	---	---	
Chloroethane	3.05	---	0.654	mg/kg dry	50	1.31	ND	**233**	**59-139%**	---	---	Q-01
Chloroform	1.44	---	0.0654	mg/kg dry	50	1.31	ND	110	78-123%	---	---	

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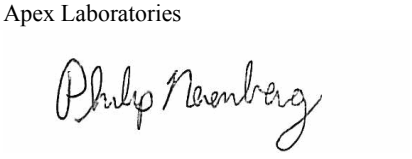

Philip Nerenberg, Lab Director

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503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051023 - EPA 5035A							**Soil**					
Matrix Spike (9051023-MS1)			Prepared: 05/11/19 17:05		Analyzed: 05/18/19 22:45							
QC Source Sample: DP-16(2-3) (A9E0401-52)												
Chloromethane	1.20	---	0.327	mg/kg dry	50	1.31	ND	92	50-136%	---	---	
2-Chlorotoluene	1.34	---	0.0654	mg/kg dry	50	1.31	ND	103	75-122%	---	---	
4-Chlorotoluene	1.39	---	0.0654	mg/kg dry	50	1.31	ND	106	72-124%	---	---	
Dibromochloromethane	1.45	---	0.131	mg/kg dry	50	1.31	ND	111	74-126%	---	---	
1,2-Dibromo-3-chloropropane	1.17	---	0.327	mg/kg dry	50	1.31	ND	89	61-132%	---	---	
1,2-Dibromoethane (EDB)	1.29	---	0.0654	mg/kg dry	50	1.31	ND	99	78-122%	---	---	
Dibromomethane	1.58	---	0.0654	mg/kg dry	50	1.31	ND	121	78-125%	---	---	
1,2-Dichlorobenzene	1.33	---	0.0327	mg/kg dry	50	1.31	ND	101	78-121%	---	---	
1,3-Dichlorobenzene	1.31	---	0.0327	mg/kg dry	50	1.31	ND	100	77-121%	---	---	
1,4-Dichlorobenzene	1.25	---	0.0327	mg/kg dry	50	1.31	ND	95	75-120%	---	---	
Dichlorodifluoromethane	1.20	---	0.131	mg/kg dry	50	1.31	ND	92	29-149%	---	---	
1,1-Dichloroethane	1.28	---	0.0327	mg/kg dry	50	1.31	ND	98	76-125%	---	---	
1,2-Dichloroethane (EDC)	1.44	---	0.0327	mg/kg dry	50	1.31	ND	110	73-128%	---	---	
1,1-Dichloroethene	1.29	---	0.0327	mg/kg dry	50	1.31	ND	99	70-131%	---	---	
cis-1,2-Dichloroethene	1.40	---	0.0327	mg/kg dry	50	1.31	ND	107	77-123%	---	---	
trans-1,2-Dichloroethene	1.19	---	0.0327	mg/kg dry	50	1.31	ND	91	74-125%	---	---	
1,2-Dichloropropane	1.50	---	0.0327	mg/kg dry	50	1.31	ND	114	76-123%	---	---	
1,3-Dichloropropane	1.36	---	0.0654	mg/kg dry	50	1.31	ND	104	77-121%	---	---	
2,2-Dichloropropane	1.30	---	0.0654	mg/kg dry	50	1.31	ND	99	67-133%	---	---	Q-54e
1,1-Dichloropropene	1.35	---	0.0654	mg/kg dry	50	1.31	ND	103	76-125%	---	---	
cis-1,3-Dichloropropene	1.15	---	0.0654	mg/kg dry	50	1.31	ND	88	74-126%	---	---	
trans-1,3-Dichloropropene	1.29	---	0.0654	mg/kg dry	50	1.31	ND	99	71-130%	---	---	
Ethylbenzene	1.25	---	0.0327	mg/kg dry	50	1.31	ND	96	76-122%	---	---	
Hexachlorobutadiene	1.24	---	0.131	mg/kg dry	50	1.31	ND	94	61-135%	---	---	
2-Hexanone	2.45	---	0.654	mg/kg dry	50	2.62	ND	94	53-145%	---	---	
Isopropylbenzene	1.39	---	0.0654	mg/kg dry	50	1.31	ND	107	68-134%	---	---	
4-Isopropyltoluene	1.30	---	0.0654	mg/kg dry	50	1.31	ND	100	73-127%	---	---	
Methylene chloride	1.01	---	0.327	mg/kg dry	50	1.31	ND	77	70-128%	---	---	Q-54j
4-Methyl-2-pentanone (MiBK)	2.74	---	0.654	mg/kg dry	50	2.62	ND	105	65-135%	---	---	
Methyl tert-butyl ether (MTBE)	1.47	---	0.0654	mg/kg dry	50	1.31	ND	113	73-125%	---	---	
Naphthalene	1.00	---	0.131	mg/kg dry	50	1.31	ND	77	62-129%	---	---	
n-Propylbenzene	1.35	---	0.0327	mg/kg dry	50	1.31	ND	103	73-125%	---	---	
Styrene	1.29	---	0.0654	mg/kg dry	50	1.31	ND	99	76-124%	---	---	

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051023 - EPA 5035A							**Soil**					
Matrix Spike (9051023-MS1)			Prepared: 05/11/19 17:05		Analyzed: 05/18/19 22:45							
QC Source Sample: DP-16(2-3) (A9E0401-52)												
1,1,1,2-Tetrachloroethane	1.51	---	0.131	mg/kg dry	50	1.31	ND	115	78-125%	---	---	
1,1,2,2-Tetrachloroethane	1.58	---	0.0654	mg/kg dry	50	1.31	ND	121	70-124%	---	---	
Tetrachloroethene (PCE)	1.12	---	0.0327	mg/kg dry	50	1.31	ND	86	73-128%	---	---	
Toluene	1.13	---	0.0654	mg/kg dry	50	1.31	ND	86	77-121%	---	---	
1,2,3-Trichlorobenzene	1.16	---	0.327	mg/kg dry	50	1.31	ND	89	66-130%	---	---	
1,2,4-Trichlorobenzene	1.19	---	0.327	mg/kg dry	50	1.31	ND	91	67-129%	---	---	
1,1,1-Trichloroethane	1.56	---	0.0327	mg/kg dry	50	1.31	ND	119	73-130%	---	---	
1,1,2-Trichloroethane	1.39	---	0.0327	mg/kg dry	50	1.31	ND	107	78-121%	---	---	
Trichloroethene (TCE)	1.32	---	0.0327	mg/kg dry	50	1.31	ND	101	77-123%	---	---	
Trichlorofluoromethane	6.40	---	0.131	mg/kg dry	50	1.31	ND	**489**	**62-140%**	---	---	Q-01
1,2,3-Trichloropropane	1.39	---	0.0654	mg/kg dry	50	1.31	ND	106	73-125%	---	---	
1,2,4-Trimethylbenzene	1.41	---	0.0654	mg/kg dry	50	1.31	ND	108	75-123%	---	---	
1,3,5-Trimethylbenzene	1.40	---	0.0654	mg/kg dry	50	1.31	ND	107	73-124%	---	---	
Vinyl chloride	1.39	---	0.0327	mg/kg dry	50	1.31	ND	106	56-135%	---	---	
m,p-Xylene	2.63	---	0.0654	mg/kg dry	50	2.62	ND	101	77-124%	---	---	
o-Xylene	1.33	---	0.0327	mg/kg dry	50	1.31	ND	102	77-123%	---	---	
Surr: 1,4-Difluorobenzene (Surr)		*Recovery:*	*109 %*	*Limits:*	*80-120 %*		*Dilution:*	*1x*				
Toluene-d8 (Surr)			*91 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*100 %*		*80-120 %*			*"*				

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Polychlorinated Biphenyls by EPA 8082A

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050839 - EPA 3546							**Soil**					
Blank (9050839-BLK1)			Prepared: 05/14/19 10:11		Analyzed: 05/15/19 08:37							**C-07**
EPA 8082A												
Aroclor 1016	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1221	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1232	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1242	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1248	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1254	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1260	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Surr: Decachlorobiphenyl (Surr)			*Recovery: 94 %*		*Limits: 60-125 %*				*Dilution: 1x*			
LCS (9050839-BS1)			Prepared: 05/14/19 10:11		Analyzed: 05/15/19 08:55							**C-07**
EPA 8082A												
Aroclor 1016	0.217	---	0.0100	mg/kg wet	1	0.250	---	87	47-134%	---	---	
Aroclor 1260	0.225	---	0.0100	mg/kg wet	1	0.250	---	90	53-140%	---	---	
Surr: Decachlorobiphenyl (Surr)			*Recovery: 100 %*		*Limits: 60-125 %*				*Dilution: 1x*			
Duplicate (9050839-DUP1)			Prepared: 05/14/19 10:11		Analyzed: 05/15/19 09:49							**C-07**
QC Source Sample: DP-1(0.5-1.5) (A9E0401-01)												
EPA 8082A												
Aroclor 1016	ND	---	0.0117	mg/kg dry	1	---	ND	---	---	---	30%	
Aroclor 1221	ND	---	0.0117	mg/kg dry	1	---	ND	---	---	---	30%	
Aroclor 1232	ND	---	0.0117	mg/kg dry	1	---	ND	---	---	---	30%	
Aroclor 1242	ND	---	0.0117	mg/kg dry	1	---	ND	---	---	---	30%	
Aroclor 1248	ND	---	0.0117	mg/kg dry	1	---	ND	---	---	---	30%	
Aroclor 1254	ND	---	0.0117	mg/kg dry	1	---	ND	---	---	---	30%	
Aroclor 1260	ND	---	0.0117	mg/kg dry	1	---	ND	---	---	---	30%	
Surr: Decachlorobiphenyl (Surr)			*Recovery: 87 %*		*Limits: 60-125 %*				*Dilution: 1x*			
Matrix Spike (9050839-MS1)			Prepared: 05/14/19 10:11		Analyzed: 05/15/19 11:07							**C-07**
QC Source Sample: Non-SDG (A9E0412-01)												
EPA 8082A												
Aroclor 1016	0.189	---	0.0112	mg/kg dry	1	0.280	ND	68	47-134%	---	---	
Aroclor 1260	0.226	---	0.0112	mg/kg dry	1	0.280	0.0107	77	53-140%	---	---	

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GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Polychlorinated Biphenyls by EPA 8082A

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050839 - EPA 3546							**Soil**					
Matrix Spike (9050839-MS1)			Prepared: 05/14/19 10:11		Analyzed: 05/15/19 11:07							**C-07**
QC Source Sample: Non-SDG (A9E0412-01)												
Surr: Decachlorobiphenyl (Surr)			*Recovery: 83 %*		*Limits: 60-125 %*		*Dilution: 1x*					

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Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Polychlorinated Biphenyls by EPA 8082A

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050884 - EPA 3546							**Soil**					
Blank (9050884-BLK1)			Prepared: 05/15/19 07:14		Analyzed: 05/16/19 08:23							**C-07**
EPA 8082A												
Aroclor 1016	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1221	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1232	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1242	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1248	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1254	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1260	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Surr: Decachlorobiphenyl (Surr)			*Recovery: 91 %*		*Limits: 60-125 %*			*Dilution: 1x*				
LCS (9050884-BS1)			Prepared: 05/15/19 07:14		Analyzed: 05/16/19 08:41							**C-07**
EPA 8082A												
Aroclor 1016	0.179	---	0.0100	mg/kg wet	1	0.250	---	72	47-134%	---	---	
Aroclor 1260	0.196	---	0.0100	mg/kg wet	1	0.250	---	79	53-140%	---	---	
Surr: Decachlorobiphenyl (Surr)			*Recovery: 85 %*		*Limits: 60-125 %*			*Dilution: 1x*				
Duplicate (9050884-DUP1)			Prepared: 05/15/19 07:14		Analyzed: 05/16/19 09:35							**C-07**
QC Source Sample: Non-SDG (A9E0359-02)												
Aroclor 1016	ND	---	0.0119	mg/kg dry	1	---	ND	---	---	---	30%	
Aroclor 1221	ND	---	0.0119	mg/kg dry	1	---	ND	---	---	---	30%	
Aroclor 1232	ND	---	0.0119	mg/kg dry	1	---	ND	---	---	---	30%	
Aroclor 1242	ND	---	0.0119	mg/kg dry	1	---	ND	---	---	---	30%	
Aroclor 1248	ND	---	0.0119	mg/kg dry	1	---	ND	---	---	---	30%	
Aroclor 1254	ND	---	0.0119	mg/kg dry	1	---	ND	---	---	---	30%	
Aroclor 1260	ND	---	0.0119	mg/kg dry	1	---	ND	---	---	---	30%	
Surr: Decachlorobiphenyl (Surr)			*Recovery: 76 %*		*Limits: 60-125 %*			*Dilution: 1x*				
Matrix Spike (9050884-MS1)			Prepared: 05/15/19 07:14		Analyzed: 05/16/19 12:00							**C-07**
QC Source Sample: Non-SDG (A9E0426-08)												
EPA 8082A												
Aroclor 1016	0.234	---	0.0118	mg/kg dry	1	0.296	ND	79	47-134%	---	---	
Aroclor 1260	0.234	---	0.0118	mg/kg dry	1	0.296	ND	79	53-140%	---	---	
Surr: Decachlorobiphenyl (Surr)			*Recovery: 84 %*		*Limits: 60-125 %*			*Dilution: 1x*				

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Polychlorinated Biphenyls by EPA 8082A

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050884 - EPA 3546							**Soil**					

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Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	A9E0401 - 06 04 19 1033

QUALITY CONTROL (QC) SAMPLE RESULTS

Polychlorinated Biphenyls by EPA 8082A

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050926 - EPA 3546							**Soil**					
Blank (9050926-BLK1)			Prepared: 05/15/19 15:13		Analyzed: 05/17/19 08:29							**C-07**
EPA 8082A												
Aroclor 1016	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1221	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1232	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1242	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1248	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1254	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1260	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Surr: Decachlorobiphenyl (Surr)			*Recovery: 98 %*		*Limits: 60-125 %*			*Dilution: 1x*				
LCS (9050926-BS1)			Prepared: 05/15/19 15:13		Analyzed: 05/17/19 08:47							**C-07**
EPA 8082A												
Aroclor 1016	0.200	---	0.0100	mg/kg wet	1	0.250	---	80	47-134%	---	---	
Aroclor 1260	0.223	---	0.0100	mg/kg wet	1	0.250	---	89	53-140%	---	---	
Surr: Decachlorobiphenyl (Surr)			*Recovery: 98 %*		*Limits: 60-125 %*			*Dilution: 1x*				
Duplicate (9050926-DUP1)			Prepared: 05/15/19 15:13		Analyzed: 05/17/19 09:41							**C-07**
QC Source Sample: DP-13(9-10) (A9E0401-44)												
EPA 8082A												
Aroclor 1016	ND	---	0.0118	mg/kg dry	1	---	ND	---	---	---	30%	
Aroclor 1221	ND	---	0.0118	mg/kg dry	1	---	ND	---	---	---	30%	
Aroclor 1232	ND	---	0.0118	mg/kg dry	1	---	ND	---	---	---	30%	
Aroclor 1242	ND	---	0.0118	mg/kg dry	1	---	ND	---	---	---	30%	
Aroclor 1248	ND	---	0.0118	mg/kg dry	1	---	ND	---	---	---	30%	
Aroclor 1254	ND	---	0.0118	mg/kg dry	1	---	ND	---	---	---	30%	
Aroclor 1260	ND	---	0.0118	mg/kg dry	1	---	ND	---	---	---	30%	
Surr: Decachlorobiphenyl (Surr)			*Recovery: 90 %*		*Limits: 60-125 %*			*Dilution: 1x*				
Matrix Spike (9050926-MS1)			Prepared: 05/15/19 15:13		Analyzed: 05/17/19 12:42							**C-07**
QC Source Sample: DP-16(2-3) (A9E0401-52)												
EPA 8082A												
Aroclor 1016	0.230	---	0.0128	mg/kg dry	1	0.319	ND	72	47-134%	---	---	
Aroclor 1260	0.253	---	0.0128	mg/kg dry	1	0.319	ND	79	53-140%	---	---	

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503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Polychlorinated Biphenyls by EPA 8082A

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050926 - EPA 3546							**Soil**					
Matrix Spike (9050926-MS1)			Prepared: 05/15/19 15:13 Analyzed: 05/17/19 12:42									**C-07**
QC Source Sample: DP-16(2-3) (A9E0401-52)												
Surr: Decachlorobiphenyl (Surr)			*Recovery: 87 %*	*Limits: 60-125 %*			*Dilution: 1x*					

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050815 - EPA 3546							**Soil**					
Blank (9050815-BLK1)			Prepared: 05/14/19 06:33		Analyzed: 05/14/19 15:27							
EPA 8270D (SIM)												
Acenaphthene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Acenaphthylene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Anthracene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Benz(a)anthracene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Benzo(a)pyrene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Benzo(b)fluoranthene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Benzo(k)fluoranthene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Benzo(g,h,i)perylene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Chrysene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Dibenz(a,h)anthracene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Dibenzofuran	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Fluoranthene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Fluorene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Indeno(1,2,3-cd)pyrene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
1-Methylnaphthalene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
2-Methylnaphthalene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Naphthalene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Phenanthrene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Pyrene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Surr: 2-Fluorobiphenyl (Surr)			*Recovery: 86 %*		*Limits: 44-120 %*			*Dilution: 1x*				
p-Terphenyl-d14 (Surr)			*86 %*		*54-127 %*			*"*				
LCS (9050815-BS1)			Prepared: 05/14/19 06:33		Analyzed: 05/14/19 15:54							
EPA 8270D (SIM)												
Acenaphthene	0.726	---	0.0100	mg/kg wet	1	0.800	---	91	40-122%	---	---	
Acenaphthylene	0.769	---	0.0100	mg/kg wet	1	0.800	---	96	32-132%	---	---	
Anthracene	0.746	---	0.0100	mg/kg wet	1	0.800	---	93	47-123%	---	---	
Benz(a)anthracene	0.730	---	0.0100	mg/kg wet	1	0.800	---	91	49-126%	---	---	
Benzo(a)pyrene	0.758	---	0.0100	mg/kg wet	1	0.800	---	95	45-129%	---	---	
Benzo(b)fluoranthene	0.715	---	0.0100	mg/kg wet	1	0.800	---	89	45-132%	---	---	
Benzo(k)fluoranthene	0.730	---	0.0100	mg/kg wet	1	0.800	---	91	47-132%	---	---	
Benzo(g,h,i)perylene	0.690	---	0.0100	mg/kg wet	1	0.800	---	86	43-134%	---	---	
Chrysene	0.717	---	0.0100	mg/kg wet	1	0.800	---	90	50-124%	---	---	

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050815 - EPA 3546							**Soil**					
LCS (9050815-BS1)			Prepared: 05/14/19 06:33		Analyzed: 05/14/19 15:54							
Dibenz(a,h)anthracene	0.744	---	0.0100	mg/kg wet	1	0.800	---	93	45-134%	---	---	
Dibenzofuran	0.763	---	0.0100	mg/kg wet	1	0.800	---	95	44-120%	---	---	
Fluoranthene	0.760	---	0.0100	mg/kg wet	1	0.800	---	95	50-127%	---	---	
Fluorene	0.774	---	0.0100	mg/kg wet	1	0.800	---	97	43-125%	---	---	
Indeno(1,2,3-cd)pyrene	0.703	---	0.0100	mg/kg wet	1	0.800	---	88	45-133%	---	---	
1-Methylnaphthalene	0.707	---	0.0100	mg/kg wet	1	0.800	---	88	40-120%	---	---	
2-Methylnaphthalene	0.718	---	0.0100	mg/kg wet	1	0.800	---	90	38-122%	---	---	
Naphthalene	0.711	---	0.0100	mg/kg wet	1	0.800	---	89	35-123%	---	---	
Phenanthrene	0.724	---	0.0100	mg/kg wet	1	0.800	---	91	50-121%	---	---	
Pyrene	0.770	---	0.0100	mg/kg wet	1	0.800	---	96	47-127%	---	---	
Surr: 2-Fluorobiphenyl (Surr)			*Recovery: 85 %*		*Limits: 44-120 %*				*Dilution: 1x*			
p-Terphenyl-d14 (Surr)			*85 %*		*54-127 %*				*"*			
Duplicate (9050815-DUP1)			Prepared: 05/14/19 06:33		Analyzed: 05/14/19 16:48							
QC Source Sample: Non-SDG (A9E0235-01)												
Acenaphthene	ND	---	0.0100	mg/kg dry	1	---	ND	---	---	---	30%	
Acenaphthylene	ND	---	0.0100	mg/kg dry	1	---	ND	---	---	---	30%	
Anthracene	ND	---	0.0100	mg/kg dry	1	---	ND	---	---	---	30%	
Benz(a)anthracene	**0.0148**	---	0.0100	mg/kg dry	1	---	0.00956	---	---	**43**	**30%**	M-05, Q-05
Benzo(a)pyrene	**0.0145**	---	0.0100	mg/kg dry	1	---	0.00987	---	---	**38**	**30%**	Q-05
Benzo(b)fluoranthene	**0.0307**	---	0.0100	mg/kg dry	1	---	0.0166	---	---	**59**	**30%**	M-05, Q-05
Benzo(k)fluoranthene	ND	---	0.0100	mg/kg dry	1	---	ND	---	---	**---**	**30%**	Q-05
Benzo(g,h,i)perylene	**0.0250**	---	0.0100	mg/kg dry	1	---	0.0163	---	---	**42**	**30%**	Q-05
Chrysene	**0.0211**	---	0.0100	mg/kg dry	1	---	0.0129	---	---	**48**	**30%**	M-05, Q-05
Dibenz(a,h)anthracene	ND	---	0.0100	mg/kg dry	1	---	ND	---	---	---	30%	
Dibenzofuran	ND	---	0.0100	mg/kg dry	1	---	ND	---	---	---	30%	
Fluoranthene	**0.0187**	---	0.0100	mg/kg dry	1	---	0.0120	---	---	**43**	**30%**	Q-05
Fluorene	ND	---	0.0100	mg/kg dry	1	---	ND	---	---	---	30%	
Indeno(1,2,3-cd)pyrene	**0.0208**	---	0.0100	mg/kg dry	1	---	0.0138	---	---	**41**	**30%**	Q-05
1-Methylnaphthalene	ND	---	0.0100	mg/kg dry	1	---	ND	---	---	---	30%	
2-Methylnaphthalene	ND	---	0.0100	mg/kg dry	1	---	ND	---	---	---	30%	
Naphthalene	ND	---	0.0100	mg/kg dry	1	---	ND	---	---	---	30%	
Phenanthrene	ND	---	0.0100	mg/kg dry	1	---	0.00658	---	---	***	**30%**	Q-05
Pyrene	**0.0226**	---	0.0100	mg/kg dry	1	---	0.0152	---	---	**39**	**30%**	Q-05

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050815 - EPA 3546							**Soil**					
Duplicate (9050815-DUP1)			Prepared: 05/14/19 06:33 Analyzed: 05/14/19 16:48									
QC Source Sample: Non-SDG (A9E0235-01)												
Surr: 2-Fluorobiphenyl (Surr)			*Recovery: 81 %*	*Limits: 44-120 %*					*Dilution: 1x*			
p-Terphenyl-d14 (Surr)			*80 %*	*54-127 %*					*"*			
Matrix Spike (9050815-MS1)			Prepared: 05/14/19 06:33 Analyzed: 05/14/19 22:35									
QC Source Sample: DP-15(4-5) (A9E0401-49)												
EPA 8270D (SIM)												
Acenaphthene	0.781	---	0.0117	mg/kg dry	1	0.934	ND	84	40-122%	---	---	
Acenaphthylene	0.800	---	0.0117	mg/kg dry	1	0.934	ND	86	32-132%	---	---	
Anthracene	0.734	---	0.0117	mg/kg dry	1	0.934	ND	79	47-123%	---	---	
Benz(a)anthracene	0.698	---	0.0117	mg/kg dry	1	0.934	ND	75	49-126%	---	---	
Benzo(a)pyrene	0.731	---	0.0117	mg/kg dry	1	0.934	ND	78	45-129%	---	---	
Benzo(b)fluoranthene	0.706	---	0.0117	mg/kg dry	1	0.934	ND	76	45-132%	---	---	
Benzo(k)fluoranthene	0.733	---	0.0117	mg/kg dry	1	0.934	ND	78	47-132%	---	---	
Benzo(g,h,i)perylene	0.661	---	0.0117	mg/kg dry	1	0.934	ND	71	43-134%	---	---	
Chrysene	0.720	---	0.0117	mg/kg dry	1	0.934	ND	77	50-124%	---	---	
Dibenz(a,h)anthracene	0.755	---	0.0117	mg/kg dry	1	0.934	ND	81	45-134%	---	---	
Dibenzofuran	0.792	---	0.0117	mg/kg dry	1	0.934	ND	85	44-120%	---	---	
Fluoranthene	0.730	---	0.0117	mg/kg dry	1	0.934	ND	78	50-127%	---	---	
Fluorene	0.804	---	0.0117	mg/kg dry	1	0.934	ND	86	43-125%	---	---	
Indeno(1,2,3-cd)pyrene	0.688	---	0.0117	mg/kg dry	1	0.934	ND	74	45-133%	---	---	
1-Methylnaphthalene	0.763	---	0.0117	mg/kg dry	1	0.934	ND	82	40-120%	---	---	
2-Methylnaphthalene	0.766	---	0.0117	mg/kg dry	1	0.934	ND	82	38-122%	---	---	
Naphthalene	0.799	---	0.0117	mg/kg dry	1	0.934	ND	86	35-123%	---	---	
Phenanthrene	0.731	---	0.0117	mg/kg dry	1	0.934	ND	78	50-121%	---	---	
Pyrene	0.728	---	0.0117	mg/kg dry	1	0.934	ND	78	47-127%	---	---	
Surr: 2-Fluorobiphenyl (Surr)			*Recovery: 75 %*	*Limits: 44-120 %*					*Dilution: 1x*			
p-Terphenyl-d14 (Surr)			*65 %*	*54-127 %*					*"*			

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050855 - EPA 3546							**Soil**					
Blank (9050855-BLK1)			Prepared: 05/14/19 17:14		Analyzed: 05/15/19 14:00							
EPA 8270D (SIM)												
Acenaphthene	ND	---	0.00250	mg/kg wet	1	---	---	---	---	---	---	
Acenaphthylene	ND	---	0.00250	mg/kg wet	1	---	---	---	---	---	---	
Anthracene	ND	---	0.00250	mg/kg wet	1	---	---	---	---	---	---	
Benz(a)anthracene	ND	---	0.00250	mg/kg wet	1	---	---	---	---	---	---	
Benzo(a)pyrene	ND	---	0.00250	mg/kg wet	1	---	---	---	---	---	---	
Benzo(b)fluoranthene	ND	---	0.00250	mg/kg wet	1	---	---	---	---	---	---	
Benzo(k)fluoranthene	ND	---	0.00250	mg/kg wet	1	---	---	---	---	---	---	
Benzo(g,h,i)perylene	ND	---	0.00250	mg/kg wet	1	---	---	---	---	---	---	
Chrysene	ND	---	0.00250	mg/kg wet	1	---	---	---	---	---	---	
Dibenz(a,h)anthracene	ND	---	0.00250	mg/kg wet	1	---	---	---	---	---	---	
Dibenzofuran	ND	---	0.00250	mg/kg wet	1	---	---	---	---	---	---	
Fluoranthene	ND	---	0.00250	mg/kg wet	1	---	---	---	---	---	---	
Fluorene	ND	---	0.00250	mg/kg wet	1	---	---	---	---	---	---	
Indeno(1,2,3-cd)pyrene	ND	---	0.00250	mg/kg wet	1	---	---	---	---	---	---	
1-Methylnaphthalene	ND	---	0.00250	mg/kg wet	1	---	---	---	---	---	---	
2-Methylnaphthalene	ND	---	0.00250	mg/kg wet	1	---	---	---	---	---	---	
Naphthalene	ND	---	0.00250	mg/kg wet	1	---	---	---	---	---	---	
Phenanthrene	ND	---	0.00250	mg/kg wet	1	---	---	---	---	---	---	
Pyrene	ND	---	0.00250	mg/kg wet	1	---	---	---	---	---	---	
Surr: 2-Fluorobiphenyl (Surr)			*Recovery: 87 %*		*Limits: 44-120 %*			*Dilution: 1x*				
p-Terphenyl-d14 (Surr)			*93 %*		*54-127 %*			*"*				
LCS (9050855-BS1)			Prepared: 05/14/19 17:14		Analyzed: 05/15/19 14:27							
EPA 8270D (SIM)												
Acenaphthene	0.475	---	0.00267	mg/kg wet	1	0.533	---	89	40-122%	---	---	
Acenaphthylene	0.498	---	0.00267	mg/kg wet	1	0.533	---	93	32-132%	---	---	
Anthracene	0.488	---	0.00267	mg/kg wet	1	0.533	---	91	47-123%	---	---	
Benz(a)anthracene	0.476	---	0.00267	mg/kg wet	1	0.533	---	89	49-126%	---	---	
Benzo(a)pyrene	0.520	---	0.00267	mg/kg wet	1	0.533	---	98	45-129%	---	---	
Benzo(b)fluoranthene	0.474	---	0.00267	mg/kg wet	1	0.533	---	89	45-132%	---	---	
Benzo(k)fluoranthene	0.500	---	0.00267	mg/kg wet	1	0.533	---	94	47-132%	---	---	
Benzo(g,h,i)perylene	0.430	---	0.00267	mg/kg wet	1	0.533	---	81	43-134%	---	---	
Chrysene	0.473	---	0.00267	mg/kg wet	1	0.533	---	89	50-124%	---	---	

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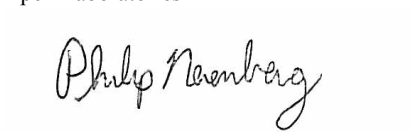

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050855 - EPA 3546							**Soil**					
LCS (9050855-BS1)			Prepared: 05/14/19 17:14		Analyzed: 05/15/19 14:27							
Dibenz(a,h)anthracene	0.504	---	0.00267	mg/kg wet	1	0.533	---	95	45-134%	---	---	
Dibenzofuran	0.493	---	0.00267	mg/kg wet	1	0.533	---	92	44-120%	---	---	
Fluoranthene	0.505	---	0.00267	mg/kg wet	1	0.533	---	95	50-127%	---	---	
Fluorene	0.503	---	0.00267	mg/kg wet	1	0.533	---	94	43-125%	---	---	
Indeno(1,2,3-cd)pyrene	0.448	---	0.00267	mg/kg wet	1	0.533	---	84	45-133%	---	---	
1-Methylnaphthalene	0.475	---	0.00267	mg/kg wet	1	0.533	---	89	40-120%	---	---	
2-Methylnaphthalene	0.470	---	0.00267	mg/kg wet	1	0.533	---	88	38-122%	---	---	
Naphthalene	0.473	---	0.00267	mg/kg wet	1	0.533	---	89	35-123%	---	---	
Phenanthrene	0.467	---	0.00267	mg/kg wet	1	0.533	---	87	50-121%	---	---	
Pyrene	0.508	---	0.00267	mg/kg wet	1	0.533	---	95	47-127%	---	---	
Surr: 2-Fluorobiphenyl (Surr)			*Recovery: 84 %*		*Limits: 44-120 %*				*Dilution: 1x*			
p-Terphenyl-d14 (Surr)			*80 %*		*54-127 %*				*"*			
Duplicate (9050855-DUP1)			Prepared: 05/14/19 17:14		Analyzed: 05/15/19 17:36							
QC Source Sample: Non-SDG (A9E0414-01)												
Acenaphthene	ND	---	0.272	mg/kg dry	40	---	0.496	---	---	***	**30%**	Q-04
Acenaphthylene	ND	---	0.272	mg/kg dry	40	---	ND	---	---	---	30%	
Anthracene	**0.488**	---	0.272	mg/kg dry	40	---	0.851	---	---	**54**	**30%**	Q-04
Benz(a)anthracene	**1.53**	---	0.272	mg/kg dry	40	---	2.31	---	---	**41**	**30%**	M-05, Q-04
Benzo(a)pyrene	**1.79**	---	0.272	mg/kg dry	40	---	2.69	---	---	**40**	**30%**	Q-04
Benzo(b)fluoranthene	**2.28**	---	0.272	mg/kg dry	40	---	3.32	---	---	**37**	**30%**	M-05, Q-04
Benzo(k)fluoranthene	**0.778**	---	0.272	mg/kg dry	40	---	1.14	---	---	**37**	**30%**	M-05, Q-04
Benzo(g,h,i)perylene	**1.37**	---	0.272	mg/kg dry	40	---	1.98	---	---	**36**	**30%**	Q-04
Chrysene	**1.61**	---	0.272	mg/kg dry	40	---	2.35	---	---	**37**	**30%**	M-05, Q-04
Dibenz(a,h)anthracene	ND	---	0.272	mg/kg dry	40	---	0.327	---	---	***	**30%**	Q-17, Q-04
Dibenzofuran	ND	---	0.272	mg/kg dry	40	---	0.195	---	---	***	**30%**	Q-04
Fluoranthene	**4.04**	---	0.272	mg/kg dry	40	---	6.40	---	---	**45**	**30%**	Q-04
Fluorene	ND	---	0.272	mg/kg dry	40	---	0.261	---	---	***	**30%**	Q-05, Q-04
Indeno(1,2,3-cd)pyrene	**1.36**	---	0.272	mg/kg dry	40	---	1.98	---	---	**37**	**30%**	Q-04
1-Methylnaphthalene	ND	---	0.272	mg/kg dry	40	---	0.298	---	---	***	30%	Q-17
2-Methylnaphthalene	**0.311**	---	0.272	mg/kg dry	40	---	0.378	---	---	19	30%	M-04
Naphthalene	ND	---	0.272	mg/kg dry	40	---	ND	---	---	---	30%	
Phenanthrene	**2.14**	---	0.272	mg/kg dry	40	---	3.54	---	---	**49**	**30%**	Q-04
Pyrene	**3.91**	---	0.272	mg/kg dry	40	---	6.03	---	---	**43**	**30%**	Q-04

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503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050855 - EPA 3546							**Soil**					
Duplicate (9050855-DUP1)			Prepared: 05/14/19 17:14 Analyzed: 05/15/19 17:36									
QC Source Sample: Non-SDG (A9E0414-01)												
Surr: 2-Fluorobiphenyl (Surr)			*Recovery: 67 %*	*Limits: 44-120 %*			*Dilution: 40x*					
p-Terphenyl-d14 (Surr)			*76 %*	*54-127 %*			*"*					
Matrix Spike (9050855-MS1)			Prepared: 05/14/19 17:14 Analyzed: 05/15/19 18:30									
QC Source Sample: Non-SDG (A9E0414-02)												
EPA 8270D (SIM)												
Acenaphthene	0.500	---	0.281	mg/kg dry	40	0.563	ND	89	40-122%	---	---	
Acenaphthylene	0.524	---	0.281	mg/kg dry	40	0.563	ND	93	32-132%	---	---	
Anthracene	0.642	---	0.281	mg/kg dry	40	0.563	ND	114	47-123%	---	---	
Benz(a)anthracene	0.880	---	0.281	mg/kg dry	40	0.563	0.364	92	49-126%	---	---	
Benzo(a)pyrene	0.944	---	0.281	mg/kg dry	40	0.563	0.390	98	45-129%	---	---	
Benzo(b)fluoranthene	1.04	---	0.281	mg/kg dry	40	0.563	0.534	91	45-132%	---	---	
Benzo(k)fluoranthene	0.711	---	0.281	mg/kg dry	40	0.563	0.197	91	47-132%	---	---	
Benzo(g,h,i)perylene	0.852	---	0.281	mg/kg dry	40	0.563	0.419	77	43-134%	---	---	
Chrysene	0.911	---	0.281	mg/kg dry	40	0.563	0.375	95	50-124%	---	---	
Dibenz(a,h)anthracene	0.421	---	0.281	mg/kg dry	40	0.563	ND	75	45-134%	---	---	
Dibenzofuran	0.475	---	0.281	mg/kg dry	40	0.563	ND	84	44-120%	---	---	
Fluoranthene	1.50	---	0.281	mg/kg dry	40	0.563	0.802	125	50-127%	---	---	
Fluorene	0.500	---	0.281	mg/kg dry	40	0.563	ND	89	43-125%	---	---	
Indeno(1,2,3-cd)pyrene	0.868	---	0.281	mg/kg dry	40	0.563	0.349	92	45-133%	---	---	
1-Methylnaphthalene	0.524	---	0.281	mg/kg dry	40	0.563	ND	93	40-120%	---	---	
2-Methylnaphthalene	0.536	---	0.281	mg/kg dry	40	0.563	ND	95	38-122%	---	---	
Naphthalene	0.527	---	0.281	mg/kg dry	40	0.563	ND	94	35-123%	---	---	
Phenanthrene	1.02	---	0.281	mg/kg dry	40	0.563	0.452	101	50-121%	---	---	
Pyrene	1.71	---	0.281	mg/kg dry	40	0.563	0.977	**130**	**47-127%**	---	---	Q-03
Surr: 2-Fluorobiphenyl (Surr)			*Recovery: 70 %*	*Limits: 44-120 %*			*Dilution: 40x*					
p-Terphenyl-d14 (Surr)			*71 %*	*54-127 %*			*"*					

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050917 - EPA 3546							**Soil**					
Blank (9050917-BLK1)			Prepared: 05/15/19 13:06 Analyzed: 05/15/19 18:56									
EPA 8270D (SIM)												
Acenaphthene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Acenaphthylene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Anthracene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Benz(a)anthracene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Benzo(a)pyrene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Benzo(b)fluoranthene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Benzo(k)fluoranthene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Benzo(g,h,i)perylene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Chrysene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Dibenz(a,h)anthracene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Dibenzofuran	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Fluoranthene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Fluorene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Indeno(1,2,3-cd)pyrene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
1-Methylnaphthalene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
2-Methylnaphthalene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Naphthalene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Phenanthrene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Pyrene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Surr: 2-Fluorobiphenyl (Surr)			*Recovery: 83 %*		*Limits: 44-120 %*			*Dilution: 1x*				
p-Terphenyl-d14 (Surr)			*86 %*		*54-127 %*			*"*				
LCS (9050917-BS1)			Prepared: 05/15/19 13:06 Analyzed: 05/15/19 19:23									
EPA 8270D (SIM)												
Acenaphthene	0.698	---	0.0100	mg/kg wet	1	0.800	---	87	40-122%	---	---	
Acenaphthylene	0.710	---	0.0100	mg/kg wet	1	0.800	---	89	32-132%	---	---	
Anthracene	0.682	---	0.0100	mg/kg wet	1	0.800	---	85	47-123%	---	---	
Benz(a)anthracene	0.674	---	0.0100	mg/kg wet	1	0.800	---	84	49-126%	---	---	
Benzo(a)pyrene	0.722	---	0.0100	mg/kg wet	1	0.800	---	90	45-129%	---	---	
Benzo(b)fluoranthene	0.681	---	0.0100	mg/kg wet	1	0.800	---	85	45-132%	---	---	
Benzo(k)fluoranthene	0.707	---	0.0100	mg/kg wet	1	0.800	---	88	47-132%	---	---	
Benzo(g,h,i)perylene	0.583	---	0.0100	mg/kg wet	1	0.800	---	73	43-134%	---	---	
Chrysene	0.700	---	0.0100	mg/kg wet	1	0.800	---	88	50-124%	---	---	

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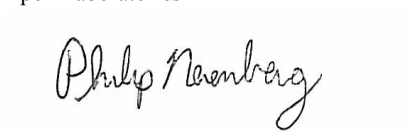

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050917 - EPA 3546							**Soil**					
LCS (9050917-BS1)			Prepared: 05/15/19 13:06		Analyzed: 05/15/19 19:23							
Dibenz(a,h)anthracene	0.709	---	0.0100	mg/kg wet	1	0.800	---	89	45-134%	---	---	
Dibenzofuran	0.708	---	0.0100	mg/kg wet	1	0.800	---	89	44-120%	---	---	
Fluoranthene	0.701	---	0.0100	mg/kg wet	1	0.800	---	88	50-127%	---	---	
Fluorene	0.716	---	0.0100	mg/kg wet	1	0.800	---	90	43-125%	---	---	
Indeno(1,2,3-cd)pyrene	0.622	---	0.0100	mg/kg wet	1	0.800	---	78	45-133%	---	---	
1-Methylnaphthalene	0.670	---	0.0100	mg/kg wet	1	0.800	---	84	40-120%	---	---	
2-Methylnaphthalene	0.672	---	0.0100	mg/kg wet	1	0.800	---	84	38-122%	---	---	
Naphthalene	0.700	---	0.0100	mg/kg wet	1	0.800	---	87	35-123%	---	---	
Phenanthrene	0.662	---	0.0100	mg/kg wet	1	0.800	---	83	50-121%	---	---	
Pyrene	0.703	---	0.0100	mg/kg wet	1	0.800	---	88	47-127%	---	---	
Surr: 2-Fluorobiphenyl (Surr)			*Recovery: 81 %*		*Limits: 44-120 %*				*Dilution: 1x*			
p-Terphenyl-d14 (Surr)			*80 %*		*54-127 %*				*"*			
Duplicate (9050917-DUP1)			Prepared: 05/15/19 13:06		Analyzed: 05/15/19 20:17							
QC Source Sample: DP-7(6.5-7.5) (A9E0401-23)												
EPA 8270D (SIM)												
Acenaphthene	ND	---	0.00955	mg/kg dry	1	---	ND	---	---	---	30%	
Acenaphthylene	ND	---	0.00955	mg/kg dry	1	---	ND	---	---	---	30%	
Anthracene	ND	---	0.00955	mg/kg dry	1	---	ND	---	---	---	30%	
Benz(a)anthracene	ND	---	0.00955	mg/kg dry	1	---	ND	---	---	---	30%	
Benzo(a)pyrene	ND	---	0.00955	mg/kg dry	1	---	ND	---	---	---	30%	
Benzo(b)fluoranthene	ND	---	0.00955	mg/kg dry	1	---	ND	---	---	---	30%	
Benzo(k)fluoranthene	ND	---	0.00955	mg/kg dry	1	---	ND	---	---	---	30%	
Benzo(g,h,i)perylene	ND	---	0.00955	mg/kg dry	1	---	ND	---	---	---	30%	
Chrysene	ND	---	0.00955	mg/kg dry	1	---	ND	---	---	---	30%	
Dibenz(a,h)anthracene	ND	---	0.00955	mg/kg dry	1	---	ND	---	---	---	30%	
Dibenzofuran	ND	---	0.00955	mg/kg dry	1	---	ND	---	---	---	30%	
Fluoranthene	ND	---	0.00955	mg/kg dry	1	---	ND	---	---	---	30%	
Fluorene	ND	---	0.00955	mg/kg dry	1	---	ND	---	---	---	30%	
Indeno(1,2,3-cd)pyrene	ND	---	0.00955	mg/kg dry	1	---	ND	---	---	---	30%	
1-Methylnaphthalene	ND	---	0.00955	mg/kg dry	1	---	ND	---	---	---	30%	
2-Methylnaphthalene	ND	---	0.00955	mg/kg dry	1	---	ND	---	---	---	30%	
Naphthalene	ND	---	0.00955	mg/kg dry	1	---	ND	---	---	---	30%	
Phenanthrene	ND	---	0.00955	mg/kg dry	1	---	ND	---	---	---	30%	

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050917 - EPA 3546							**Soil**					
Duplicate (9050917-DUP1)			Prepared: 05/15/19 13:06		Analyzed: 05/15/19 20:17							
QC Source Sample: DP-7(6.5-7.5) (A9E0401-23)												
Pyrene	ND	---	0.00955	mg/kg dry	1	---	ND	---	---	---	30%	
Surr: 2-Fluorobiphenyl (Surr)		*Recovery: 72 %*	*Limits: 44-120 %*		*Dilution: 1x*							
p-Terphenyl-d14 (Surr)			*70 %*	*54-127 %*			*"*					
Duplicate (9050917-DUP2)			Prepared: 05/15/19 15:54		Analyzed: 05/16/19 12:58							
QC Source Sample: Non-SDG (A9E0377-02)												
Acenaphthene	ND	---	0.00999	mg/kg dry	1	---	ND	---	---	---	30%	
Acenaphthylene	ND	---	0.00999	mg/kg dry	1	---	ND	---	---	---	30%	
Anthracene	ND	---	0.00999	mg/kg dry	1	---	ND	---	---	---	30%	
Benz(a)anthracene	ND	---	0.00999	mg/kg dry	1	---	0.00607	---	---	***	30%	
Benzo(a)pyrene	ND	---	0.00999	mg/kg dry	1	---	ND	---	---	---	30%	
Benzo(b)fluoranthene	ND	---	0.00999	mg/kg dry	1	---	0.00597	---	---	***	30%	
Benzo(k)fluoranthene	ND	---	0.00999	mg/kg dry	1	---	ND	---	---	---	30%	
Benzo(g,h,i)perylene	ND	---	0.00999	mg/kg dry	1	---	0.00535	---	---	***	30%	
Chrysene	ND	---	0.00999	mg/kg dry	1	---	0.00607	---	---	***	30%	
Dibenz(a,h)anthracene	ND	---	0.00999	mg/kg dry	1	---	ND	---	---	---	30%	
Dibenzofuran	ND	---	0.00999	mg/kg dry	1	---	ND	---	---	---	30%	
Fluoranthene	ND	---	0.00999	mg/kg dry	1	---	0.00846	---	---	***	30%	
Fluorene	ND	---	0.00999	mg/kg dry	1	---	ND	---	---	---	30%	
Indeno(1,2,3-cd)pyrene	ND	---	0.00999	mg/kg dry	1	---	ND	---	---	---	30%	
1-Methylnaphthalene	ND	---	0.00999	mg/kg dry	1	---	ND	---	---	---	30%	
2-Methylnaphthalene	ND	---	0.00999	mg/kg dry	1	---	ND	---	---	---	30%	
Naphthalene	ND	---	0.00999	mg/kg dry	1	---	ND	---	---	---	30%	
Phenanthrene	ND	---	0.00999	mg/kg dry	1	---	0.00588	---	---	***	30%	
Pyrene	ND	---	0.00999	mg/kg dry	1	---	0.0112	---	---	***	30%	
Surr: 2-Fluorobiphenyl (Surr)		*Recovery: 71 %*	*Limits: 44-120 %*		*Dilution: 1x*							
p-Terphenyl-d14 (Surr)			*65 %*	*54-127 %*			*"*					
Matrix Spike (9050917-MS2)			Prepared: 05/15/19 15:54		Analyzed: 05/16/19 13:25							
QC Source Sample: Non-SDG (A9E0377-02)												
EPA 8270D (SIM)												
Acenaphthene	0.624	---	0.0100	mg/kg dry	1	0.800	ND	78	40-122%	---	---	

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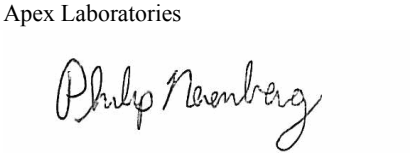

Philip Nerenberg, Lab Director

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GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050917 - EPA 3546							**Soil**					
Matrix Spike (9050917-MS2)			Prepared: 05/15/19 15:54		Analyzed: 05/16/19 13:25							
QC Source Sample: Non-SDG (A9E0377-02)												
Acenaphthylene	0.650	---	0.0100	mg/kg dry	1	0.800	ND	81	32-132%	---	---	
Anthracene	0.635	---	0.0100	mg/kg dry	1	0.800	ND	79	47-123%	---	---	
Benz(a)anthracene	0.630	---	0.0100	mg/kg dry	1	0.800	0.00607	78	49-126%	---	---	
Benzo(a)pyrene	0.643	---	0.0100	mg/kg dry	1	0.800	ND	80	45-129%	---	---	
Benzo(b)fluoranthene	0.609	---	0.0100	mg/kg dry	1	0.800	0.00597	75	45-132%	---	---	
Benzo(k)fluoranthene	0.597	---	0.0100	mg/kg dry	1	0.800	ND	75	47-132%	---	---	
Benzo(g,h,i)perylene	0.584	---	0.0100	mg/kg dry	1	0.800	0.00535	72	43-134%	---	---	
Chrysene	0.642	---	0.0100	mg/kg dry	1	0.800	0.00607	80	50-124%	---	---	
Dibenz(a,h)anthracene	0.635	---	0.0100	mg/kg dry	1	0.800	ND	79	45-134%	---	---	
Dibenzofuran	0.648	---	0.0100	mg/kg dry	1	0.800	ND	81	44-120%	---	---	
Fluoranthene	0.667	---	0.0100	mg/kg dry	1	0.800	0.00846	82	50-127%	---	---	
Fluorene	0.653	---	0.0100	mg/kg dry	1	0.800	ND	82	43-125%	---	---	
Indeno(1,2,3-cd)pyrene	0.598	---	0.0100	mg/kg dry	1	0.800	ND	75	45-133%	---	---	
1-Methylnaphthalene	0.617	---	0.0100	mg/kg dry	1	0.800	ND	77	40-120%	---	---	
2-Methylnaphthalene	0.622	---	0.0100	mg/kg dry	1	0.800	ND	78	38-122%	---	---	
Naphthalene	0.615	---	0.0100	mg/kg dry	1	0.800	ND	77	35-123%	---	---	
Phenanthrene	0.620	---	0.0100	mg/kg dry	1	0.800	0.00588	77	50-121%	---	---	
Pyrene	0.695	---	0.0100	mg/kg dry	1	0.800	0.0112	85	47-127%	---	---	
Surr: 2-Fluorobiphenyl (Surr)			*Recovery: 74 %*		*Limits: 44-120 %*				*Dilution: 1x*			
p-Terphenyl-d14 (Surr)			*67 %*		*54-127 %*				*"*			
Matrix Spike (9050917-MS3)			Prepared: 05/15/19 13:06		Analyzed: 05/16/19 15:12							
QC Source Sample: DP-16(2-3) (A9E0401-52)												
EPA 8270D (SIM)												
Acenaphthene	0.826	---	0.0118	mg/kg dry	1	0.945	ND	87	40-122%	---	---	
Acenaphthylene	0.870	---	0.0118	mg/kg dry	1	0.945	ND	92	32-132%	---	---	
Anthracene	0.853	---	0.0118	mg/kg dry	1	0.945	ND	90	47-123%	---	---	
Benz(a)anthracene	0.827	---	0.0118	mg/kg dry	1	0.945	ND	87	49-126%	---	---	
Benzo(a)pyrene	0.873	---	0.0118	mg/kg dry	1	0.945	ND	92	45-129%	---	---	
Benzo(b)fluoranthene	0.813	---	0.0118	mg/kg dry	1	0.945	ND	86	45-132%	---	---	
Benzo(k)fluoranthene	0.789	---	0.0118	mg/kg dry	1	0.945	ND	83	47-132%	---	---	
Benzo(g,h,i)perylene	0.770	---	0.0118	mg/kg dry	1	0.945	ND	81	43-134%	---	---	
Chrysene	0.836	---	0.0118	mg/kg dry	1	0.945	ND	88	50-124%	---	---	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050917 - EPA 3546							**Soil**					
Matrix Spike (9050917-MS3)			Prepared: 05/15/19 13:06		Analyzed: 05/16/19 15:12							
QC Source Sample: DP-16(2-3) (A9E0401-52)												
Dibenz(a,h)anthracene	0.849	---	0.0118	mg/kg dry	1	0.945	ND	90	45-134%	---	---	
Dibenzofuran	0.857	---	0.0118	mg/kg dry	1	0.945	ND	91	44-120%	---	---	
Fluoranthene	0.886	---	0.0118	mg/kg dry	1	0.945	ND	94	50-127%	---	---	
Fluorene	0.882	---	0.0118	mg/kg dry	1	0.945	ND	93	43-125%	---	---	
Indeno(1,2,3-cd)pyrene	0.793	---	0.0118	mg/kg dry	1	0.945	ND	84	45-133%	---	---	
1-Methylnaphthalene	0.840	---	0.0118	mg/kg dry	1	0.945	ND	89	40-120%	---	---	
2-Methylnaphthalene	0.841	---	0.0118	mg/kg dry	1	0.945	ND	89	38-122%	---	---	
Naphthalene	0.815	---	0.0118	mg/kg dry	1	0.945	ND	86	35-123%	---	---	
Phenanthrene	0.825	---	0.0118	mg/kg dry	1	0.945	ND	87	50-121%	---	---	
Pyrene	0.908	---	0.0118	mg/kg dry	1	0.945	ND	96	47-127%	---	---	
Surr: 2-Fluorobiphenyl (Surr)			*Recovery: 77 %*		*Limits: 44-120 %*				*Dilution: 1x*			
p-Terphenyl-d14 (Surr)			*69 %*		*54-127 %*				*"*			
Matrix Spike Dup (9050917-MSD2)			Prepared: 05/15/19 15:55		Analyzed: 05/16/19 13:52							
QC Source Sample: Non-SDG (A9E0377-02)												
Acenaphthene	0.596	---	0.00996	mg/kg dry	1	0.797	ND	75	40-122%	5	30%	
Acenaphthylene	0.624	---	0.00996	mg/kg dry	1	0.797	ND	78	32-132%	4	30%	
Anthracene	0.606	---	0.00996	mg/kg dry	1	0.797	ND	76	47-123%	5	30%	
Benz(a)anthracene	0.606	---	0.00996	mg/kg dry	1	0.797	0.00607	75	49-126%	4	30%	
Benzo(a)pyrene	0.634	---	0.00996	mg/kg dry	1	0.797	ND	80	45-129%	1	30%	
Benzo(b)fluoranthene	0.590	---	0.00996	mg/kg dry	1	0.797	0.00597	73	45-132%	3	30%	
Benzo(k)fluoranthene	0.585	---	0.00996	mg/kg dry	1	0.797	ND	73	47-132%	2	30%	
Benzo(g,h,i)perylene	0.565	---	0.00996	mg/kg dry	1	0.797	0.00535	70	43-134%	3	30%	
Chrysene	0.621	---	0.00996	mg/kg dry	1	0.797	0.00607	77	50-124%	3	30%	
Dibenz(a,h)anthracene	0.618	---	0.00996	mg/kg dry	1	0.797	ND	78	45-134%	3	30%	
Dibenzofuran	0.619	---	0.00996	mg/kg dry	1	0.797	ND	78	44-120%	5	30%	
Fluoranthene	0.661	---	0.00996	mg/kg dry	1	0.797	0.00846	82	50-127%	0.9	30%	
Fluorene	0.633	---	0.00996	mg/kg dry	1	0.797	ND	79	43-125%	3	30%	
Indeno(1,2,3-cd)pyrene	0.582	---	0.00996	mg/kg dry	1	0.797	ND	73	45-133%	3	30%	
1-Methylnaphthalene	0.609	---	0.00996	mg/kg dry	1	0.797	ND	76	40-120%	1	30%	
2-Methylnaphthalene	0.611	---	0.00996	mg/kg dry	1	0.797	ND	77	38-122%	2	30%	
Naphthalene	0.587	---	0.00996	mg/kg dry	1	0.797	ND	74	35-123%	5	30%	
Phenanthrene	0.601	---	0.00996	mg/kg dry	1	0.797	0.00588	75	50-121%	3	30%	

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Philip Nerenberg, Lab Director

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050917 - EPA 3546							**Soil**					
Matrix Spike Dup (9050917-MSD2)			Prepared: 05/15/19 15:55		Analyzed: 05/16/19 13:52							
QC Source Sample: Non-SDG (A9E0377-02)												
Pyrene	0.680	---	0.00996	mg/kg dry	1	0.797	0.0112	84	47-127%	2	30%	
Surr: 2-Fluorobiphenyl (Surr)			*Recovery: 70 %*		*Limits: 44-120 %*			*Dilution: 1x*				
p-Terphenyl-d14 (Surr)			*64 %*		*54-127 %*			*"*				

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QUALITY CONTROL (QC) SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051116 - EPA 3546							**Soil**					
Blank (9051116-BLK1)			Prepared: 05/21/19 14:46		Analyzed: 05/22/19 10:03							
EPA 8270D (SIM)												
Acenaphthene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Acenaphthylene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Anthracene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Benz(a)anthracene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Benzo(a)pyrene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Benzo(b)fluoranthene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Benzo(k)fluoranthene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Benzo(g,h,i)perylene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Chrysene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Dibenz(a,h)anthracene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Dibenzofuran	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Fluoranthene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Fluorene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Indeno(1,2,3-cd)pyrene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
1-Methylnaphthalene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
2-Methylnaphthalene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Naphthalene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Phenanthrene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Pyrene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Surr: 2-Fluorobiphenyl (Surr)			*Recovery: 69 %*		*Limits: 44-120 %*			*Dilution: 1x*				
p-Terphenyl-d14 (Surr)			*79 %*		*54-127 %*			*"*				
LCS (9051116-BS1)			Prepared: 05/21/19 14:46		Analyzed: 05/22/19 10:29							
EPA 8270D (SIM)												
Acenaphthene	0.742	---	0.0100	mg/kg wet	1	0.800	---	93	40-122%	---	---	
Acenaphthylene	0.781	---	0.0100	mg/kg wet	1	0.800	---	98	32-132%	---	---	
Anthracene	0.782	---	0.0100	mg/kg wet	1	0.800	---	98	47-123%	---	---	
Benz(a)anthracene	0.771	---	0.0100	mg/kg wet	1	0.800	---	96	49-126%	---	---	
Benzo(a)pyrene	0.830	---	0.0100	mg/kg wet	1	0.800	---	104	45-129%	---	---	
Benzo(b)fluoranthene	0.742	---	0.0100	mg/kg wet	1	0.800	---	93	45-132%	---	---	
Benzo(k)fluoranthene	0.776	---	0.0100	mg/kg wet	1	0.800	---	97	47-132%	---	---	
Benzo(g,h,i)perylene	0.734	---	0.0100	mg/kg wet	1	0.800	---	92	43-134%	---	---	
Chrysene	0.792	---	0.0100	mg/kg wet	1	0.800	---	99	50-124%	---	---	

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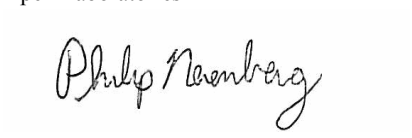

Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051116 - EPA 3546							**Soil**					
LCS (9051116-BS1)			Prepared: 05/21/19 14:46 Analyzed: 05/22/19 10:29									
Dibenz(a,h)anthracene	0.812	---	0.0100	mg/kg wet	1	0.800	---	102	45-134%	---	---	
Dibenzofuran	0.764	---	0.0100	mg/kg wet	1	0.800	---	96	44-120%	---	---	
Fluoranthene	0.825	---	0.0100	mg/kg wet	1	0.800	---	103	50-127%	---	---	
Fluorene	0.785	---	0.0100	mg/kg wet	1	0.800	---	98	43-125%	---	---	
Indeno(1,2,3-cd)pyrene	0.743	---	0.0100	mg/kg wet	1	0.800	---	93	45-133%	---	---	
1-Methylnaphthalene	0.731	---	0.0100	mg/kg wet	1	0.800	---	91	40-120%	---	---	
2-Methylnaphthalene	0.738	---	0.0100	mg/kg wet	1	0.800	---	92	38-122%	---	---	
Naphthalene	0.737	---	0.0100	mg/kg wet	1	0.800	---	92	35-123%	---	---	
Phenanthrene	0.754	---	0.0100	mg/kg wet	1	0.800	---	94	50-121%	---	---	
Pyrene	0.850	---	0.0100	mg/kg wet	1	0.800	---	106	47-127%	---	---	
Surr: 2-Fluorobiphenyl (Surr)			*Recovery: 87 %*		*Limits: 44-120 %*				*Dilution: 1x*			
p-Terphenyl-d14 (Surr)			*79 %*		*54-127 %*				*"*			
Duplicate (9051116-DUP1)			Prepared: 05/21/19 14:46 Analyzed: 05/22/19 11:22									
QC Source Sample: Non-SDG (A9E0313-01)												
Acenaphthene	ND	---	0.326	mg/kg dry	20	---	ND	---	---	---	30%	R-02
Acenaphthylene	ND	---	0.351	mg/kg dry	20	---	ND	---	---	---	30%	R-02
Anthracene	ND	---	0.251	mg/kg dry	20	---	ND	---	---	---	30%	
Benz(a)anthracene	ND	---	0.276	mg/kg dry	20	---	ND	---	---	---	30%	R-02
Benzo(a)pyrene	ND	---	0.251	mg/kg dry	20	---	ND	---	---	---	30%	
Benzo(b)fluoranthene	ND	---	0.251	mg/kg dry	20	---	ND	---	---	---	30%	
Benzo(k)fluoranthene	ND	---	0.251	mg/kg dry	20	---	ND	---	---	---	30%	
Benzo(g,h,i)perylene	ND	---	0.251	mg/kg dry	20	---	ND	---	---	---	30%	
Chrysene	ND	---	0.276	mg/kg dry	20	---	ND	---	---	---	30%	R-02
Dibenz(a,h)anthracene	ND	---	0.251	mg/kg dry	20	---	ND	---	---	---	30%	
Dibenzofuran	**0.897**	---	0.251	mg/kg dry	20	---	0.946	---	---	5	30%	
Fluoranthene	ND	---	0.251	mg/kg dry	20	---	0.152	---	---	***	30%	
Fluorene	ND	---	0.301	mg/kg dry	20	---	ND	---	---	---	30%	R-02
Indeno(1,2,3-cd)pyrene	ND	---	0.251	mg/kg dry	20	---	ND	---	---	---	30%	
1-Methylnaphthalene	ND	---	0.577	mg/kg dry	20	---	ND	---	---	---	30%	R-02
2-Methylnaphthalene	ND	---	0.452	mg/kg dry	20	---	ND	---	---	---	30%	R-02
Naphthalene	ND	---	0.301	mg/kg dry	20	---	ND	---	---	---	30%	R-02
Phenanthrene	**0.541**	---	0.251	mg/kg dry	20	---	0.524	---	---	3	30%	
Pyrene	**1.73**	---	0.251	mg/kg dry	20	---	2.22	---	---	25	30%	

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051116 - EPA 3546							**Soil**					
Duplicate (9051116-DUP1)			Prepared: 05/21/19 14:46 Analyzed: 05/22/19 11:22									
QC Source Sample: Non-SDG (A9E0313-01)												
Surr: 2-Fluorobiphenyl (Surr)			*Recovery: 86 %*	*Limits: 44-120 %*			*Dilution: 20x*					
p-Terphenyl-d14 (Surr)			*80 %*	*54-127 %*			*"*					
Matrix Spike (9051116-MS1)			Prepared: 05/21/19 14:46 Analyzed: 05/22/19 17:33									
QC Source Sample: Non-SDG (A9E0575-08)												
EPA 8270D (SIM)												
Acenaphthene	0.845	---	0.0119	mg/kg dry	1	0.949	ND	89	40-122%	---	---	
Acenaphthylene	0.867	---	0.0119	mg/kg dry	1	0.949	ND	91	32-132%	---	---	
Anthracene	0.857	---	0.0119	mg/kg dry	1	0.949	ND	90	47-123%	---	---	
Benz(a)anthracene	0.824	---	0.0119	mg/kg dry	1	0.949	ND	87	49-126%	---	---	
Benzo(a)pyrene	0.898	---	0.0119	mg/kg dry	1	0.949	ND	95	45-129%	---	---	
Benzo(b)fluoranthene	0.827	---	0.0119	mg/kg dry	1	0.949	ND	87	45-132%	---	---	
Benzo(k)fluoranthene	0.829	---	0.0119	mg/kg dry	1	0.949	ND	87	47-132%	---	---	
Benzo(g,h,i)perylene	0.731	---	0.0119	mg/kg dry	1	0.949	ND	77	43-134%	---	---	
Chrysene	0.834	---	0.0119	mg/kg dry	1	0.949	ND	88	50-124%	---	---	
Dibenz(a,h)anthracene	0.880	---	0.0119	mg/kg dry	1	0.949	ND	93	45-134%	---	---	
Dibenzofuran	0.876	---	0.0119	mg/kg dry	1	0.949	ND	92	44-120%	---	---	
Fluoranthene	0.919	---	0.0119	mg/kg dry	1	0.949	ND	97	50-127%	---	---	
Fluorene	0.885	---	0.0119	mg/kg dry	1	0.949	ND	93	43-125%	---	---	
Indeno(1,2,3-cd)pyrene	0.776	---	0.0119	mg/kg dry	1	0.949	ND	82	45-133%	---	---	
1-Methylnaphthalene	0.819	---	0.0119	mg/kg dry	1	0.949	ND	86	40-120%	---	---	
2-Methylnaphthalene	0.828	---	0.0119	mg/kg dry	1	0.949	ND	87	38-122%	---	---	
Naphthalene	0.811	---	0.0119	mg/kg dry	1	0.949	ND	85	35-123%	---	---	
Phenanthrene	0.825	---	0.0119	mg/kg dry	1	0.949	ND	87	50-121%	---	---	
Pyrene	0.944	---	0.0119	mg/kg dry	1	0.949	ND	99	47-127%	---	---	
Surr: 2-Fluorobiphenyl (Surr)			*Recovery: 84 %*	*Limits: 44-120 %*			*Dilution: 1x*					
p-Terphenyl-d14 (Surr)			*73 %*	*54-127 %*			*"*					

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Total Metals by EPA 6020A (ICPMS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051090 - EPA 3051A							**Soil**					
Blank (9051090-BLK1)			Prepared: 05/21/19 10:08 Analyzed: 05/21/19 20:34									
EPA 6020A												
Arsenic	ND	---	0.962	mg/kg wet	10	---	---	---	---	---	---	
Barium	ND	---	0.962	mg/kg wet	10	---	---	---	---	---	---	
Cadmium	ND	---	0.192	mg/kg wet	10	---	---	---	---	---	---	
Chromium	ND	---	0.962	mg/kg wet	10	---	---	---	---	---	---	
Lead	ND	---	0.192	mg/kg wet	10	---	---	---	---	---	---	
Mercury	ND	---	0.0769	mg/kg wet	10	---	---	---	---	---	---	
Selenium	ND	---	0.962	mg/kg wet	10	---	---	---	---	---	---	
Silver	ND	---	0.192	mg/kg wet	10	---	---	---	---	---	---	
LCS (9051090-BS1)			Prepared: 05/21/19 10:08 Analyzed: 05/21/19 20:39									
EPA 6020A												
Arsenic	49.7	---	1.00	mg/kg wet	10	50.0	---	99	80-120%	---	---	
Barium	52.5	---	1.00	mg/kg wet	10	50.0	---	105	80-120%	---	---	
Cadmium	48.4	---	0.200	mg/kg wet	10	50.0	---	97	80-120%	---	---	
Chromium	50.7	---	1.00	mg/kg wet	10	50.0	---	101	80-120%	---	---	
Lead	48.3	---	0.200	mg/kg wet	10	50.0	---	97	80-120%	---	---	
Mercury	0.950	---	0.0800	mg/kg wet	10	1.00	---	95	80-120%	---	---	
Selenium	23.1	---	1.00	mg/kg wet	10	25.0	---	92	80-120%	---	---	
Silver	24.4	---	0.200	mg/kg wet	10	25.0	---	97	80-120%	---	---	
Duplicate (9051090-DUP1)			Prepared: 05/21/19 10:08 Analyzed: 05/21/19 21:02									
QC Source Sample: Non-SDG (A9E0389-04)												
Arsenic	**3.47**	---	2.14	mg/kg dry	10	---	3.82	---	---	10	40%	
Barium	**76.7**	---	2.14	mg/kg dry	10	---	69.2	---	---	10	40%	
Cadmium	ND	---	0.428	mg/kg dry	10	---	0.284	---	---	***	40%	
Chromium	**33.1**	---	2.14	mg/kg dry	10	---	38.3	---	---	15	40%	
Lead	**97.3**	---	0.428	mg/kg dry	10	---	108	---	---	10	40%	
Mercury	ND	---	0.171	mg/kg dry	10	---	ND	---	---	---	40%	
Selenium	ND	---	2.14	mg/kg dry	10	---	ND	---	---	---	40%	
Silver	ND	---	0.428	mg/kg dry	10	---	ND	---	---	---	40%	
Matrix Spike (9051090-MS1)			Prepared: 05/21/19 10:08 Analyzed: 05/21/19 21:06									

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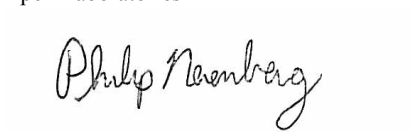

Philip Nerenberg, Lab Director

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Apex Laboratories, LLC
6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Total Metals by EPA 6020A (ICPMS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051090 - EPA 3051A							**Soil**					
Matrix Spike (9051090-MS1)			Prepared: 05/21/19 10:08 Analyzed: 05/21/19 21:06									
QC Source Sample: Non-SDG (A9E0389-04)												
EPA 6020A												
Arsenic	99.6	---	2.10	mg/kg dry	10	105	3.82	91	75-125%	---	---	
Cadmium	94.8	---	0.420	mg/kg dry	10	105	0.284	90	75-125%	---	---	
Chromium	141	---	2.10	mg/kg dry	10	105	38.3	97	75-125%	---	---	
Lead	241	---	0.420	mg/kg dry	10	105	108	**127**	**75-125%**	---	---	Q-04
Mercury	1.85	---	0.168	mg/kg dry	10	2.10	ND	88	75-125%	---	---	
Selenium	45.6	---	2.10	mg/kg dry	10	52.4	ND	87	75-125%	---	---	
Silver	47.0	---	0.420	mg/kg dry	10	52.4	ND	90	75-125%	---	---	
Matrix Spike (9051090-MS2)			Prepared: 05/21/19 10:08 Analyzed: 05/21/19 22:35									
QC Source Sample: Non-SDG (A9E0595-01)												
EPA 6020A												
Arsenic	54.8	---	1.11	mg/kg dry	10	55.7	2.36	94	75-125%	---	---	
Barium	124	---	1.11	mg/kg dry	10	55.7	78.4	82	75-125%	---	---	
Cadmium	52.4	---	0.223	mg/kg dry	10	55.7	0.376	93	75-125%	---	---	
Chromium	189	---	1.11	mg/kg dry	10	55.7	225	**-66**	**75-125%**	---	---	Q-04
Lead	55.2	---	0.223	mg/kg dry	10	55.7	6.38	88	75-125%	---	---	
Mercury	1.05	---	0.0891	mg/kg dry	10	1.11	ND	94	75-125%	---	---	
Selenium	24.1	---	1.11	mg/kg dry	10	27.8	ND	86	75-125%	---	---	
Silver	25.8	---	0.223	mg/kg dry	10	27.8	ND	93	75-125%	---	---	

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503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Total Metals by EPA 6020A (ICPMS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051132 - EPA 3051A							**Soil**					
Blank (9051132-BLK1)			Prepared: 05/22/19 08:37 Analyzed: 05/22/19 17:21									
EPA 6020A												
Arsenic	ND	---	1.00	mg/kg wet	10	---	---	---	---	---	---	
Barium	ND	---	1.00	mg/kg wet	10	---	---	---	---	---	---	
Cadmium	ND	---	0.200	mg/kg wet	10	---	---	---	---	---	---	
Chromium	ND	---	1.00	mg/kg wet	10	---	---	---	---	---	---	
Lead	ND	---	0.200	mg/kg wet	10	---	---	---	---	---	---	
Mercury	ND	---	0.0800	mg/kg wet	10	---	---	---	---	---	---	
Selenium	ND	---	1.00	mg/kg wet	10	---	---	---	---	---	---	
Silver	ND	---	0.200	mg/kg wet	10	---	---	---	---	---	---	
LCS (9051132-BS1)			Prepared: 05/22/19 08:37 Analyzed: 05/22/19 17:25									
EPA 6020A												
Arsenic	52.4	---	1.00	mg/kg wet	10	50.0	---	105	80-120%	---	---	
Barium	54.6	---	1.00	mg/kg wet	10	50.0	---	109	80-120%	---	---	
Cadmium	52.3	---	0.200	mg/kg wet	10	50.0	---	105	80-120%	---	---	
Chromium	52.5	---	1.00	mg/kg wet	10	50.0	---	105	80-120%	---	---	
Lead	51.5	---	0.200	mg/kg wet	10	50.0	---	103	80-120%	---	---	
Mercury	1.04	---	0.0800	mg/kg wet	10	1.00	---	104	80-120%	---	---	
Selenium	24.2	---	1.00	mg/kg wet	10	25.0	---	97	80-120%	---	---	
Silver	26.1	---	0.200	mg/kg wet	10	25.0	---	104	80-120%	---	---	
Duplicate (9051132-DUP1)			Prepared: 05/22/19 08:37 Analyzed: 05/22/19 17:54									
QC Source Sample: DP-5(13-14) (A9E0401-18)												
EPA 6020A												
Arsenic	**5.45**	---	1.24	mg/kg dry	10	---	5.67	---	---	4	40%	
Barium	**148**	---	1.24	mg/kg dry	10	---	157	---	---	6	40%	
Cadmium	**0.662**	---	0.249	mg/kg dry	10	---	0.800	---	---	19	40%	
Chromium	**19.7**	---	1.24	mg/kg dry	10	---	20.1	---	---	2	40%	
Lead	**7.65**	---	0.249	mg/kg dry	10	---	7.32	---	---	4	40%	
Mercury	ND	---	0.0995	mg/kg dry	10	---	ND	---	---	---	40%	
Selenium	ND	---	1.24	mg/kg dry	10	---	ND	---	---	---	40%	
Silver	ND	---	0.249	mg/kg dry	10	---	ND	---	---	---	40%	
Matrix Spike (9051132-MS1)			Prepared: 05/22/19 08:37 Analyzed: 05/22/19 17:59									

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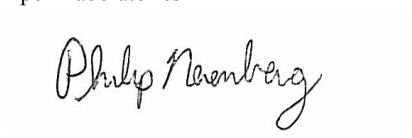

Philip Nerenberg, Lab Director

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503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	A9E0401 - 06 04 19 1033

QUALITY CONTROL (QC) SAMPLE RESULTS

Total Metals by EPA 6020A (ICPMS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051132 - EPA 3051A							Soil					
Matrix Spike (9051132-MS1)			Prepared: 05/22/19 08:37 Analyzed: 05/22/19 17:59									
QC Source Sample: DP-5(13-14) (A9E0401-18)												
EPA 6020A												
Arsenic	64.3	---	1.26	mg/kg dry	10	63.1	5.67	93	75-125%	---	---	
Barium	208	---	1.26	mg/kg dry	10	63.1	157	82	75-125%	---	---	
Cadmium	59.8	---	0.252	mg/kg dry	10	63.1	0.800	93	75-125%	---	---	
Chromium	81.7	---	1.26	mg/kg dry	10	63.1	20.1	98	75-125%	---	---	
Lead	64.5	---	0.252	mg/kg dry	10	63.1	7.32	91	75-125%	---	---	
Mercury	1.16	---	0.101	mg/kg dry	10	1.26	ND	92	75-125%	---	---	
Selenium	28.1	---	1.26	mg/kg dry	10	31.5	ND	89	75-125%	---	---	
Silver	29.4	---	0.252	mg/kg dry	10	31.5	ND	93	75-125%	---	---	
Matrix Spike (9051132-MS2)			Prepared: 05/22/19 08:37 Analyzed: 05/22/19 20:08									
QC Source Sample: DP-11(10-11) (A9E0401-36)												
EPA 6020A												
Arsenic	61.6	---	1.24	mg/kg dry	10	62.2	3.86	93	75-125%	---	---	
Barium	181	---	1.24	mg/kg dry	10	62.2	132	79	75-125%	---	---	
Cadmium	56.9	---	0.249	mg/kg dry	10	62.2	0.557	91	75-125%	---	---	
Chromium	71.0	---	1.24	mg/kg dry	10	62.2	12.3	94	75-125%	---	---	
Lead	59.6	---	0.249	mg/kg dry	10	62.2	5.67	87	75-125%	---	---	
Mercury	1.09	---	0.0995	mg/kg dry	10	1.24	ND	88	75-125%	---	---	
Selenium	27.7	---	1.24	mg/kg dry	10	31.1	ND	89	75-125%	---	---	
Silver	29.0	---	0.249	mg/kg dry	10	31.1	ND	93	75-125%	---	---	

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Total Metals by EPA 6020A (ICPMS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051151 - EPA 3051A							**Soil**					
Blank (9051151-BLK1)			Prepared: 05/22/19 11:42 Analyzed: 05/22/19 20:46									
EPA 6020A												
Arsenic	ND	---	0.962	mg/kg wet	10	---	---	---	---	---	---	
Barium	ND	---	0.962	mg/kg wet	10	---	---	---	---	---	---	
Cadmium	ND	---	0.192	mg/kg wet	10	---	---	---	---	---	---	
Chromium	ND	---	0.962	mg/kg wet	10	---	---	---	---	---	---	
Lead	ND	---	0.192	mg/kg wet	10	---	---	---	---	---	---	
Mercury	ND	---	0.0769	mg/kg wet	10	---	---	---	---	---	---	
Selenium	ND	---	0.962	mg/kg wet	10	---	---	---	---	---	---	
Silver	ND	---	0.192	mg/kg wet	10	---	---	---	---	---	---	
LCS (9051151-BS1)			Prepared: 05/22/19 11:42 Analyzed: 05/22/19 20:59									
EPA 6020A												
Arsenic	51.3	---	1.00	mg/kg wet	10	50.0	---	103	80-120%	---	---	
Barium	54.0	---	1.00	mg/kg wet	10	50.0	---	108	80-120%	---	---	
Cadmium	48.7	---	0.200	mg/kg wet	10	50.0	---	97	80-120%	---	---	
Chromium	52.2	---	1.00	mg/kg wet	10	50.0	---	104	80-120%	---	---	
Lead	48.8	---	0.200	mg/kg wet	10	50.0	---	98	80-120%	---	---	
Mercury	0.970	---	0.0800	mg/kg wet	10	1.00	---	97	80-120%	---	---	
Selenium	23.4	---	1.00	mg/kg wet	10	25.0	---	94	80-120%	---	---	
Silver	24.8	---	0.200	mg/kg wet	10	25.0	---	99	80-120%	---	---	
Duplicate (9051151-DUP1)			Prepared: 05/22/19 11:42 Analyzed: 05/22/19 21:20									
QC Source Sample: DP-12(16-17) (A9E0401-41)												
EPA 6020A												
Arsenic	**4.19**	---	1.21	mg/kg dry	10	---	4.18	---	---	0.3	40%	
Barium	**108**	---	1.21	mg/kg dry	10	---	109	---	---	0.7	40%	
Cadmium	**0.459**	---	0.242	mg/kg dry	10	---	0.607	---	---	28	40%	
Chromium	**11.5**	---	1.21	mg/kg dry	10	---	11.3	---	---	2	40%	
Lead	**5.37**	---	0.242	mg/kg dry	10	---	5.69	---	---	6	40%	
Mercury	ND	---	0.0967	mg/kg dry	10	---	ND	---	---	---	40%	
Selenium	ND	---	1.21	mg/kg dry	10	---	ND	---	---	---	40%	
Silver	ND	---	0.242	mg/kg dry	10	---	ND	---	---	---	40%	
Matrix Spike (9051151-MS1)			Prepared: 05/22/19 11:42 Analyzed: 05/22/19 21:24									

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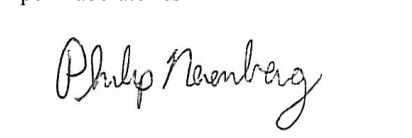

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503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Total Metals by EPA 6020A (ICPMS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051151 - EPA 3051A							**Soil**					
Matrix Spike (9051151-MS1)			Prepared: 05/22/19 11:42 Analyzed: 05/22/19 21:24									
QC Source Sample: DP-12(16-17) (A9E0401-41)												
EPA 6020A												
Arsenic	60.7	---	1.21	mg/kg dry	10	60.3	4.18	94	75-125%	---	---	
Barium	164	---	1.21	mg/kg dry	10	60.3	109	92	75-125%	---	---	
Cadmium	55.3	---	0.241	mg/kg dry	10	60.3	0.607	91	75-125%	---	---	
Chromium	69.8	---	1.21	mg/kg dry	10	60.3	11.3	97	75-125%	---	---	
Lead	59.0	---	0.241	mg/kg dry	10	60.3	5.69	88	75-125%	---	---	
Mercury	1.09	---	0.0965	mg/kg dry	10	1.21	ND	91	75-125%	---	---	
Selenium	26.6	---	1.21	mg/kg dry	10	30.2	ND	88	75-125%	---	---	
Silver	28.1	---	0.241	mg/kg dry	10	30.2	ND	93	75-125%	---	---	
Matrix Spike (9051151-MS2)			Prepared: 05/22/19 11:42 Analyzed: 05/22/19 22:11									
QC Source Sample: Non-SDG (A9E0575-07)												
EPA 6020A												
Arsenic	69.9	---	1.33	mg/kg dry	10	66.5	8.50	92	75-125%	---	---	
Barium	236	---	1.33	mg/kg dry	10	66.5	177	88	75-125%	---	---	
Cadmium	63.4	---	0.266	mg/kg dry	10	66.5	0.809	94	75-125%	---	---	
Chromium	89.7	---	1.33	mg/kg dry	10	66.5	25.4	97	75-125%	---	---	
Lead	70.5	---	0.266	mg/kg dry	10	66.5	11.1	89	75-125%	---	---	
Mercury	1.27	---	0.106	mg/kg dry	10	1.33	ND	96	75-125%	---	---	
Selenium	29.5	---	1.33	mg/kg dry	10	33.2	ND	89	75-125%	---	---	
Silver	31.2	---	0.266	mg/kg dry	10	33.2	ND	94	75-125%	---	---	

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Total Metals by EPA 6020A (ICPMS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051410 - EPA 3051A							**Soil**					
Blank (9051410-BLK1)			Prepared: 05/30/19 11:44		Analyzed: 05/30/19 17:25							
EPA 6020A												
Cadmium	ND	---	0.192	mg/kg wet	10	---	---	---	---	---	---	
LCS (9051410-BS1)			Prepared: 05/30/19 11:44		Analyzed: 05/30/19 17:29							
EPA 6020A												
Cadmium	45.7	---	0.200	mg/kg wet	10	50.0	---	91	80-120%	---	---	
Duplicate (9051410-DUP1)			Prepared: 05/30/19 11:44		Analyzed: 05/30/19 18:24							
QC Source Sample: Non-SDG (A9E0801-06)												
Cadmium	**0.341**	---	0.261	mg/kg dry	10	---	0.400	---	---	16	40%	
Matrix Spike (9051410-MS1)			Prepared: 05/30/19 11:44		Analyzed: 05/30/19 18:29							
QC Source Sample: Non-SDG (A9E0801-06)												
EPA 6020A												
Cadmium	64.0	---	0.265	mg/kg dry	10	66.2	0.400	96	75-125%	---	---	
Matrix Spike (9051410-MS2)			Prepared: 05/30/19 11:44		Analyzed: 05/30/19 19:19							
QC Source Sample: Non-SDG (A9E0801-15)												
EPA 6020A												
Cadmium	76.2	---	0.303	mg/kg dry	10	75.8	0.933	99	75-125%	---	---	

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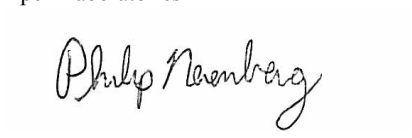

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GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

TCLP Metals by EPA 6020A (ICPMS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051390 - EPA 1311/3015							**Soil**					
Blank (9051390-BLK1)			Prepared: 05/30/19 10:30		Analyzed: 05/30/19 14:02							
1311/6020A												
Lead	ND	---	0.0500	mg/L	10	---	---	---	---	---	---	TCLP
LCS (9051390-BS1)			Prepared: 05/30/19 10:30		Analyzed: 05/30/19 14:07							
1311/6020A												
Lead	5.29	---	0.0500	mg/L	10	5.00	---	106	80-120%	---	---	TCLP
Matrix Spike (9051390-MS1)			Prepared: 05/30/19 10:30		Analyzed: 05/30/19 14:53							
QC Source Sample: Non-SDG (A9E0901-09)												
1311/6020A												
Lead	5.25	---	0.0500	mg/L	10	5.00	ND	105	50-150%	---	---	
Matrix Spike (9051390-MS2)			Prepared: 05/30/19 10:30		Analyzed: 05/30/19 14:35							
QC Source Sample: Non-SDG (A9E0733-01)												
1311/6020A												
Lead	5.04	---	0.0500	mg/L	10	5.00	ND	101	50-150%	---	---	

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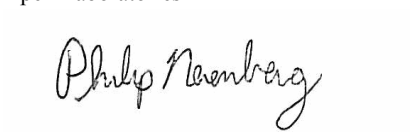

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EPA ID: OR01039

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Percent Dry Weight

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050832 - Total Solids (Dry Weight)							Soil					
Duplicate (9050832-DUP1)			Prepared: 05/14/19 09:52		Analyzed: 05/15/19 09:30							
QC Source Sample: Non-SDG (A9E0341-01)												
% Solids	**60.0**	---	1.00	% by Weight	1	---	59.9	---	---	0.1	10%	
Duplicate (9050832-DUP2)			Prepared: 05/14/19 09:52		Analyzed: 05/15/19 09:30							
QC Source Sample: Non-SDG (A9E0390-05)												
% Solids	**83.0**	---	1.00	% by Weight	1	---	82.5	---	---	0.6	10%	
Duplicate (9050832-DUP3)			Prepared: 05/14/19 09:52		Analyzed: 05/15/19 09:30							
QC Source Sample: DP-4(0.5-1.5) (A9E0401-10)												
EPA 8000C												
% Solids	**87.0**	---	1.00	% by Weight	1	---	84.1	---	---	3	10%	
Duplicate (9050832-DUP4)			Prepared: 05/14/19 09:52		Analyzed: 05/15/19 09:30							
QC Source Sample: DP-7(6.5-7.5) (A9E0401-23)												
EPA 8000C												
% Solids	**90.3**	---	1.00	% by Weight	1	---	91.9	---	---	2	10%	
Duplicate (9050832-DUP5)			Prepared: 05/14/19 09:52		Analyzed: 05/15/19 09:30							
QC Source Sample: DP-11(10-11) (A9E0401-36)												
EPA 8000C												
% Solids	**87.2**	---	1.00	% by Weight	1	---	88.2	---	---	1	10%	
Duplicate (9050832-DUP6)			Prepared: 05/14/19 09:52		Analyzed: 05/15/19 09:30							
QC Source Sample: Non-SDG (A9E0412-01)												
% Solids	**80.6**	---	1.00	% by Weight	1	---	83.6	---	---	4	10%	
Duplicate (9050832-DUP7)			Prepared: 05/14/19 20:34		Analyzed: 05/15/19 09:30							
QC Source Sample: Non-SDG (A9E0457-01)												
% Solids	**76.8**	---	1.00	% by Weight	1	---	71.6	---	---	7	10%	
Duplicate (9050832-DUP8)			Prepared: 05/14/19 20:34		Analyzed: 05/15/19 09:30							

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Percent Dry Weight

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050832 - Total Solids (Dry Weight)							**Soil**					
Duplicate (9050832-DUP8)			Prepared: 05/14/19 20:34		Analyzed: 05/15/19 09:30							
QC Source Sample: Non-SDG (A9E0462-02)												
% Solids	**95.0**	---	1.00	% by Weight	1	---	94.7	---	---	0.3	10%	
Duplicate (9050832-DUP9)			Prepared: 05/14/19 20:34		Analyzed: 05/15/19 09:30							
QC Source Sample: Non-SDG (A9E0465-04)												
% Solids	**80.8**	---	1.00	% by Weight	1	---	84.0	---	---	4	10%	

No Client related Batch QC samples analyzed for this batch. See notes page for more information.

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Percent Dry Weight

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050893 - Total Solids (Dry Weight)							**Soil**					
Duplicate (9050893-DUP1)			Prepared: 05/15/19 09:44		Analyzed: 05/16/19 08:26							
QC Source Sample: Non-SDG (A9D0845-02)												
% Solids	**89.1**	---	1.00	% by Weight	1	---	89.0	---	---	0.06	10%	
Duplicate (9050893-DUP2)			Prepared: 05/15/19 09:44		Analyzed: 05/16/19 08:26							
QC Source Sample: Non-SDG (A9D0949-25)												
% Solids	**80.7**	---	1.00	% by Weight	1	---	81.0	---	---	0.4	10%	
Duplicate (9050893-DUP3)			Prepared: 05/15/19 09:44		Analyzed: 05/16/19 08:26							
QC Source Sample: Non-SDG (A9E0455-01)												
% Solids	**81.9**	---	1.00	% by Weight	1	---	82.4	---	---	0.6	10%	
Duplicate (9050893-DUP4)			Prepared: 05/15/19 19:13		Analyzed: 05/16/19 08:26							
QC Source Sample: Non-SDG (A9E0504-01)												
% Solids	**59.1**	---	1.00	% by Weight	1	---	59.0	---	---	0.1	10%	
Duplicate (9050893-DUP5)			Prepared: 05/15/19 19:13		Analyzed: 05/16/19 08:26							
QC Source Sample: Non-SDG (A9E0510-02)												
% Solids	**78.8**	---	1.00	% by Weight	1	---	79.0	---	---	0.3	10%	

No Client related Batch QC samples analyzed for this batch. See notes page for more information.

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SAMPLE PREPARATION INFORMATION

Hydrocarbon Identification Screen by NWTPH-HCID

Prep: NWTPH-HCID (Soil)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 9050923							
A9E0401-17	Soil	NWTPH-HCID	05/11/19 11:56	05/15/19 13:40	11.24g/10mL	10g/10mL	0.89
A9E0401-18	Soil	NWTPH-HCID	05/11/19 12:08	05/15/19 13:40	11.03g/10mL	10g/10mL	0.91
A9E0401-20	Soil	NWTPH-HCID	05/11/19 12:29	05/15/19 13:40	10.28g/10mL	10g/10mL	0.97
A9E0401-21	Soil	NWTPH-HCID	05/11/19 12:34	05/15/19 13:40	10.34g/10mL	10g/10mL	0.97
A9E0401-23	Soil	NWTPH-HCID	05/11/19 09:24	05/15/19 13:40	11.8g/10mL	10g/10mL	0.85
A9E0401-24	Soil	NWTPH-HCID	05/11/19 08:56	05/15/19 13:40	10.53g/10mL	10g/10mL	0.95
A9E0401-36	Soil	NWTPH-HCID	05/11/19 11:45	05/15/19 13:40	10.23g/10mL	10g/10mL	0.98
A9E0401-37	Soil	NWTPH-HCID	05/11/19 12:00	05/15/19 13:40	10.46g/10mL	10g/10mL	0.96
A9E0401-40	Soil	NWTPH-HCID	05/11/19 12:50	05/15/19 13:40	10.65g/10mL	10g/10mL	0.94
A9E0401-41	Soil	NWTPH-HCID	05/11/19 13:00	05/15/19 13:40	10.55g/10mL	10g/10mL	0.95

Volatile Organic Compounds by EPA 5035A/8260C

Prep: EPA 5035A

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 9050878							
A9E0401-01	Soil	5035A/8260C	05/11/19 16:09	05/11/19 16:09	5.34g/5mL	5g/5mL	0.94
A9E0401-03	Soil	5035A/8260C	05/11/19 16:20	05/11/19 16:20	5.35g/5mL	5g/5mL	0.94
A9E0401-04	Soil	5035A/8260C	05/11/19 10:42	05/11/19 10:42	5.97g/5mL	5g/5mL	0.84
A9E0401-06	Soil	5035A/8260C	05/11/19 11:16	05/11/19 11:16	6.02g/5mL	5g/5mL	0.83
A9E0401-07	Soil	5035A/8260C	05/11/19 13:11	05/11/19 13:11	6.39g/5mL	5g/5mL	0.78
A9E0401-09	Soil	5035A/8260C	05/11/19 13:28	05/11/19 13:28	4.75g/5mL	5g/5mL	1.05
A9E0401-10	Soil	5035A/8260C	05/11/19 14:44	05/11/19 14:44	6.22g/5mL	5g/5mL	0.80
A9E0401-11	Soil	5035A/8260C	05/11/19 14:49	05/11/19 14:49	5.83g/5mL	5g/5mL	0.86
A9E0401-12	Soil	5035A/8260C	05/11/19 14:57	05/11/19 14:57	4.27g/5mL	5g/5mL	1.17
A9E0401-16	Soil	5035A/8260C	05/11/19 11:48	05/11/19 11:48	6.53g/5mL	5g/5mL	0.77
A9E0401-17	Soil	5035A/8260C	05/11/19 11:56	05/11/19 11:56	6.2g/5mL	5g/5mL	0.81
A9E0401-19	Soil	5035A/8260C	05/11/19 12:21	05/11/19 12:21	6.11g/5mL	5g/5mL	0.82
A9E0401-20	Soil	5035A/8260C	05/11/19 12:29	05/11/19 12:29	5.35g/5mL	5g/5mL	0.94
A9E0401-21	Soil	5035A/8260C	05/11/19 12:34	05/11/19 12:34	4.8g/5mL	5g/5mL	1.04
A9E0401-22	Soil	5035A/8260C	05/11/19 09:17	05/11/19 09:17	4.56g/5mL	5g/5mL	1.10
A9E0401-23	Soil	5035A/8260C	05/11/19 09:24	05/11/19 09:24	6.35g/5mL	5g/5mL	0.79
A9E0401-24	Soil	5035A/8260C	05/11/19 08:56	05/11/19 08:56	5.19g/5mL	5g/5mL	0.96
A9E0401-25	Soil	5035A/8260C	05/11/19 08:24	05/11/19 08:24	5.92g/5mL	5g/5mL	0.85
Batch: 9050895							
A9E0401-26	Soil	5035A/8260C	05/11/19 08:49	05/11/19 08:49	5.35g/5mL	5g/5mL	0.94

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

SAMPLE PREPARATION INFORMATION

Volatile Organic Compounds by EPA 5035A/8260C

Prep: EPA 5035A

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
A9E0401-27	Soil	5035A/8260C	05/11/19 08:56	05/11/19 08:56	4.38g/5mL	5g/5mL	1.14
A9E0401-28	Soil	5035A/8260C	05/11/19 09:57	05/11/19 09:57	6.12g/5mL	5g/5mL	0.82
A9E0401-29	Soil	5035A/8260C	05/11/19 10:03	05/11/19 10:03	5.02g/5mL	5g/5mL	1.00
A9E0401-31	Soil	5035A/8260C	05/11/19 10:48	05/11/19 10:48	5.13g/5mL	5g/5mL	0.98
A9E0401-33	Soil	5035A/8260C	05/11/19 11:00	05/11/19 11:00	5.31g/5mL	5g/5mL	0.94
A9E0401-34	Soil	5035A/8260C	05/11/19 11:30	05/11/19 11:30	5.66g/5mL	5g/5mL	0.88
Batch: 9051023							
A9E0401-18	Soil	5035A/8260C	05/11/19 12:08	05/13/19 19:42	5.11g/5mL	5g/5mL	0.98
A9E0401-36	Soil	5035A/8260C	05/11/19 11:45	05/11/19 11:45	5.55g/5mL	5g/5mL	0.90
A9E0401-37	Soil	5035A/8260C	05/11/19 12:00	05/11/19 12:00	3.99g/5mL	5g/5mL	1.25
A9E0401-38	Soil	5035A/8260C	05/11/19 12:30	05/11/19 12:30	5.45g/5mL	5g/5mL	0.92
A9E0401-40	Soil	5035A/8260C	05/11/19 12:50	05/11/19 12:50	5.04g/5mL	5g/5mL	0.99
A9E0401-41	Soil	5035A/8260C	05/11/19 13:00	05/11/19 13:00	4.58g/5mL	5g/5mL	1.09
A9E0401-42	Soil	5035A/8260C	05/11/19 14:15	05/11/19 14:15	5.75g/5mL	5g/5mL	0.87
A9E0401-44	Soil	5035A/8260C	05/11/19 15:05	05/11/19 15:05	4.78g/5mL	5g/5mL	1.05
A9E0401-46	Soil	5035A/8260C	05/11/19 15:45	05/11/19 15:45	5.4g/5mL	5g/5mL	0.93
A9E0401-48	Soil	5035A/8260C	05/11/19 16:10	05/11/19 16:10	6.06g/5mL	5g/5mL	0.83
A9E0401-49	Soil	5035A/8260C	05/11/19 16:30	05/11/19 16:30	5.1g/5mL	5g/5mL	0.98
A9E0401-52	Soil	5035A/8260C	05/11/19 17:05	05/11/19 17:05	7.11g/5mL	5g/5mL	0.70

Polychlorinated Biphenyls by EPA 8082A

Prep: EPA 3546

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 9050839							
A9E0401-01	Soil	EPA 8082A	05/11/19 16:09	05/14/19 10:11	10.51g/5mL	10g/5mL	0.95
A9E0401-03	Soil	EPA 8082A	05/11/19 16:20	05/14/19 10:11	10.19g/5mL	10g/5mL	0.98
A9E0401-04	Soil	EPA 8082A	05/11/19 10:42	05/14/19 10:11	10.61g/5mL	10g/5mL	0.94
A9E0401-06	Soil	EPA 8082A	05/11/19 11:16	05/14/19 10:11	10.15g/5mL	10g/5mL	0.99
A9E0401-07	Soil	EPA 8082A	05/11/19 13:11	05/14/19 10:11	10.57g/5mL	10g/5mL	0.95
A9E0401-09	Soil	EPA 8082A	05/11/19 13:28	05/14/19 10:11	10.38g/5mL	10g/5mL	0.96
A9E0401-10	Soil	EPA 8082A	05/11/19 14:44	05/14/19 10:11	10.36g/5mL	10g/5mL	0.97
A9E0401-11	Soil	EPA 8082A	05/11/19 14:49	05/14/19 10:11	10.7g/5mL	10g/5mL	0.94
A9E0401-12	Soil	EPA 8082A	05/11/19 14:57	05/14/19 10:11	10.52g/5mL	10g/5mL	0.95
A9E0401-16	Soil	EPA 8082A	05/11/19 11:48	05/14/19 10:11	11.49g/5mL	10g/5mL	0.87
A9E0401-17	Soil	EPA 8082A	05/11/19 11:56	05/14/19 10:11	10.74g/5mL	10g/5mL	0.93
A9E0401-18	Soil	EPA 8082A	05/11/19 12:08	05/14/19 10:11	10.36g/5mL	10g/5mL	0.97

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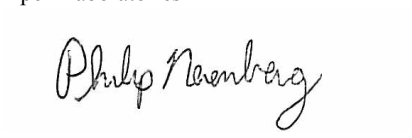

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Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

SAMPLE PREPARATION INFORMATION

Polychlorinated Biphenyls by EPA 8082A

Prep: EPA 3546

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
A9E0401-19	Soil	EPA 8082A	05/11/19 12:21	05/14/19 10:11	11.34g/5mL	10g/5mL	0.88
A9E0401-20	Soil	EPA 8082A	05/11/19 12:29	05/14/19 10:11	10.69g/5mL	10g/5mL	0.94
A9E0401-21	Soil	EPA 8082A	05/11/19 12:34	05/14/19 10:11	10.23g/5mL	10g/5mL	0.98
A9E0401-22	Soil	EPA 8082A	05/11/19 09:17	05/14/19 10:11	10.75g/5mL	10g/5mL	0.93
A9E0401-23	Soil	EPA 8082A	05/11/19 09:24	05/14/19 10:11	11.39g/5mL	10g/5mL	0.88
A9E0401-24	Soil	EPA 8082A	05/11/19 08:56	05/14/19 10:11	10.48g/5mL	10g/5mL	0.95
A9E0401-25	Soil	EPA 8082A	05/11/19 08:24	05/14/19 10:11	11.6g/5mL	10g/5mL	0.86
Batch: 9050884							
A9E0401-26	Soil	EPA 8082A	05/11/19 08:49	05/15/19 07:14	10.31g/5mL	10g/5mL	0.97
A9E0401-27	Soil	EPA 8082A	05/11/19 08:56	05/15/19 07:14	10.18g/5mL	10g/5mL	0.98
A9E0401-28	Soil	EPA 8082A	05/11/19 09:57	05/15/19 07:14	10.28g/5mL	10g/5mL	0.97
A9E0401-29	Soil	EPA 8082A	05/11/19 10:03	05/15/19 07:14	10.55g/5mL	10g/5mL	0.95
A9E0401-31	Soil	EPA 8082A	05/11/19 10:48	05/15/19 07:14	10.14g/5mL	10g/5mL	0.99
A9E0401-33	Soil	EPA 8082A	05/11/19 11:00	05/15/19 07:14	10.38g/5mL	10g/5mL	0.96
A9E0401-34	Soil	EPA 8082A	05/11/19 11:30	05/15/19 07:14	10.42g/5mL	10g/5mL	0.96
A9E0401-36	Soil	EPA 8082A	05/11/19 11:45	05/15/19 07:14	10.16g/5mL	10g/5mL	0.98
A9E0401-37	Soil	EPA 8082A	05/11/19 12:00	05/15/19 07:14	10.58g/5mL	10g/5mL	0.95
A9E0401-38	Soil	EPA 8082A	05/11/19 12:30	05/15/19 07:14	10.58g/5mL	10g/5mL	0.95
A9E0401-40	Soil	EPA 8082A	05/11/19 12:50	05/15/19 07:14	10.37g/5mL	10g/5mL	0.96
A9E0401-41	Soil	EPA 8082A	05/11/19 13:00	05/15/19 07:14	10.34g/5mL	10g/5mL	0.97
A9E0401-42	Soil	EPA 8082A	05/11/19 14:15	05/15/19 07:14	10.75g/5mL	10g/5mL	0.93
Batch: 9050926							
A9E0401-44	Soil	EPA 8082A	05/11/19 15:05	05/15/19 15:13	10.28g/5mL	10g/5mL	0.97
A9E0401-46	Soil	EPA 8082A	05/11/19 15:45	05/15/19 15:13	10.47g/5mL	10g/5mL	0.96
A9E0401-48	Soil	EPA 8082A	05/11/19 16:10	05/15/19 15:13	10.61g/5mL	10g/5mL	0.94
A9E0401-49	Soil	EPA 8082A	05/11/19 16:30	05/15/19 15:13	10.22g/5mL	10g/5mL	0.98
A9E0401-52	Soil	EPA 8082A	05/11/19 17:05	05/15/19 15:13	10.69g/5mL	10g/5mL	0.94

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Prep: EPA 3546

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 9050815							
A9E0401-01	Soil	EPA 8270D (SIM)	05/11/19 16:09	05/14/19 06:44	11.93g/5mL	10g/5mL	0.84
A9E0401-03	Soil	EPA 8270D (SIM)	05/11/19 16:20	05/14/19 06:44	11.61g/5mL	10g/5mL	0.86
A9E0401-26	Soil	EPA 8270D (SIM)	05/11/19 08:49	05/14/19 06:33	11.2g/5mL	10g/5mL	0.89

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503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

SAMPLE PREPARATION INFORMATION

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Prep: EPA 3546

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
A9E0401-27	Soil	EPA 8270D (SIM)	05/11/19 08:56	05/14/19 06:33	11.25g/5mL	10g/5mL	0.89
A9E0401-28	Soil	EPA 8270D (SIM)	05/11/19 09:57	05/14/19 06:33	11.42g/5mL	10g/5mL	0.88
A9E0401-29	Soil	EPA 8270D (SIM)	05/11/19 10:03	05/14/19 06:33	11.24g/5mL	10g/5mL	0.89
A9E0401-31	Soil	EPA 8270D (SIM)	05/11/19 10:48	05/14/19 06:33	11.76g/5mL	10g/5mL	0.85
A9E0401-33	Soil	EPA 8270D (SIM)	05/11/19 11:00	05/14/19 06:33	11.37g/5mL	10g/5mL	0.88
A9E0401-34	Soil	EPA 8270D (SIM)	05/11/19 11:30	05/14/19 06:33	11.16g/5mL	10g/5mL	0.90
A9E0401-36	Soil	EPA 8270D (SIM)	05/11/19 11:45	05/14/19 06:33	11.54g/5mL	10g/5mL	0.87
A9E0401-37	Soil	EPA 8270D (SIM)	05/11/19 12:00	05/14/19 06:33	11.97g/5mL	10g/5mL	0.84
A9E0401-38	Soil	EPA 8270D (SIM)	05/11/19 12:30	05/14/19 06:33	11.76g/5mL	10g/5mL	0.85
A9E0401-40	Soil	EPA 8270D (SIM)	05/11/19 12:50	05/14/19 06:33	11.34g/5mL	10g/5mL	0.88
A9E0401-41	Soil	EPA 8270D (SIM)	05/11/19 13:00	05/14/19 06:33	11.21g/5mL	10g/5mL	0.89
A9E0401-42	Soil	EPA 8270D (SIM)	05/11/19 14:15	05/14/19 06:33	11.55g/5mL	10g/5mL	0.87
A9E0401-44	Soil	EPA 8270D (SIM)	05/11/19 15:05	05/14/19 06:33	11.67g/5mL	10g/5mL	0.86
A9E0401-46	Soil	EPA 8270D (SIM)	05/11/19 15:45	05/14/19 06:33	11.19g/5mL	10g/5mL	0.89
A9E0401-48	Soil	EPA 8270D (SIM)	05/11/19 16:10	05/14/19 06:33	11.97g/5mL	10g/5mL	0.84
A9E0401-49	Soil	EPA 8270D (SIM)	05/11/19 16:30	05/14/19 06:33	11.7g/5mL	10g/5mL	0.86
Batch: 9050855							
A9E0401-04	Soil	EPA 8270D (SIM)	05/11/19 10:42	05/14/19 17:16	11.77g/5mL	10g/5mL	0.85
A9E0401-06	Soil	EPA 8270D (SIM)	05/11/19 11:16	05/14/19 17:16	10.47g/5mL	10g/5mL	0.96
A9E0401-07	Soil	EPA 8270D (SIM)	05/11/19 13:11	05/14/19 17:16	11.86g/5mL	10g/5mL	0.84
A9E0401-09	Soil	EPA 8270D (SIM)	05/11/19 13:28	05/14/19 17:16	11.06g/5mL	10g/5mL	0.90
A9E0401-10	Soil	EPA 8270D (SIM)	05/11/19 14:44	05/14/19 17:16	10.76g/5mL	10g/5mL	0.93
A9E0401-11	Soil	EPA 8270D (SIM)	05/11/19 14:49	05/14/19 17:16	11.4g/5mL	10g/5mL	0.88
A9E0401-16	Soil	EPA 8270D (SIM)	05/11/19 11:48	05/14/19 17:16	10.62g/5mL	10g/5mL	0.94
A9E0401-17	Soil	EPA 8270D (SIM)	05/11/19 11:56	05/14/19 17:16	11.85g/5mL	10g/5mL	0.84
A9E0401-18	Soil	EPA 8270D (SIM)	05/11/19 12:08	05/14/19 17:16	11.16g/5mL	10g/5mL	0.90
A9E0401-19	Soil	EPA 8270D (SIM)	05/11/19 12:21	05/14/19 17:16	11.74g/5mL	10g/5mL	0.85
A9E0401-20	Soil	EPA 8270D (SIM)	05/11/19 12:29	05/14/19 17:16	10.91g/5mL	10g/5mL	0.92
A9E0401-21	Soil	EPA 8270D (SIM)	05/11/19 12:34	05/14/19 17:16	11.88g/5mL	10g/5mL	0.84
A9E0401-22	Soil	EPA 8270D (SIM)	05/11/19 09:17	05/14/19 17:16	10.38g/5mL	10g/5mL	0.96
Batch: 9050917							
A9E0401-23	Soil	EPA 8270D (SIM)	05/11/19 09:24	05/15/19 13:06	11.34g/5mL	10g/5mL	0.88
A9E0401-24	Soil	EPA 8270D (SIM)	05/11/19 08:56	05/15/19 13:06	11.08g/5mL	10g/5mL	0.90
A9E0401-25	Soil	EPA 8270D (SIM)	05/11/19 08:24	05/15/19 13:06	11.49g/5mL	10g/5mL	0.87
A9E0401-52	Soil	EPA 8270D (SIM)	05/11/19 17:05	05/15/19 13:06	11.41g/5mL	10g/5mL	0.88
Batch: 9051116							

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

SAMPLE PREPARATION INFORMATION

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Prep: EPA 3546

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
A9E0401-12RE1	Soil	EPA 8270D (SIM)	05/11/19 14:57	05/21/19 14:46	10.24g/5mL	10g/5mL	0.98

Total Metals by EPA 6020A (ICPMS)

Prep: EPA 3051A

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 9051090							
A9E0401-01	Soil	EPA 6020A	05/11/19 16:09	05/21/19 10:08	0.467g/50mL	0.5g/50mL	1.07
A9E0401-03	Soil	EPA 6020A	05/11/19 16:20	05/21/19 10:08	0.469g/50mL	0.5g/50mL	1.07
A9E0401-04	Soil	EPA 6020A	05/11/19 10:42	05/21/19 10:08	0.482g/50mL	0.5g/50mL	1.04
A9E0401-06	Soil	EPA 6020A	05/11/19 11:16	05/21/19 10:08	0.468g/50mL	0.5g/50mL	1.07
A9E0401-07	Soil	EPA 6020A	05/11/19 13:11	05/21/19 10:08	0.469g/50mL	0.5g/50mL	1.07
A9E0401-09	Soil	EPA 6020A	05/11/19 13:28	05/21/19 10:08	0.477g/50mL	0.5g/50mL	1.05
A9E0401-10	Soil	EPA 6020A	05/11/19 14:44	05/21/19 10:08	0.472g/50mL	0.5g/50mL	1.06
A9E0401-11	Soil	EPA 6020A	05/11/19 14:49	05/21/19 10:08	0.468g/50mL	0.5g/50mL	1.07
Batch: 9051132							
A9E0401-12	Soil	EPA 6020A	05/11/19 14:57	05/22/19 08:37	0.458g/50mL	0.5g/50mL	1.09
A9E0401-16	Soil	EPA 6020A	05/11/19 11:48	05/22/19 08:37	0.473g/50mL	0.5g/50mL	1.06
A9E0401-17	Soil	EPA 6020A	05/11/19 11:56	05/22/19 08:37	0.458g/50mL	0.5g/50mL	1.09
A9E0401-18	Soil	EPA 6020A	05/11/19 12:08	05/22/19 08:37	0.461g/50mL	0.5g/50mL	1.08
A9E0401-19	Soil	EPA 6020A	05/11/19 12:21	05/22/19 08:37	0.484g/50mL	0.5g/50mL	1.03
A9E0401-20	Soil	EPA 6020A	05/11/19 12:29	05/22/19 08:37	0.477g/50mL	0.5g/50mL	1.05
A9E0401-21	Soil	EPA 6020A	05/11/19 12:34	05/22/19 08:37	0.489g/50mL	0.5g/50mL	1.02
A9E0401-22	Soil	EPA 6020A	05/11/19 09:17	05/22/19 08:37	0.492g/50mL	0.5g/50mL	1.02
A9E0401-23	Soil	EPA 6020A	05/11/19 09:24	05/22/19 08:37	0.461g/50mL	0.5g/50mL	1.08
A9E0401-23RE1	Soil	EPA 6020A	05/11/19 09:24	05/22/19 08:37	0.461g/50mL	0.5g/50mL	1.08
A9E0401-24	Soil	EPA 6020A	05/11/19 08:56	05/22/19 08:37	0.462g/50mL	0.5g/50mL	1.08
A9E0401-25	Soil	EPA 6020A	05/11/19 08:24	05/22/19 08:37	0.463g/50mL	0.5g/50mL	1.08
A9E0401-26	Soil	EPA 6020A	05/11/19 08:49	05/22/19 08:37	0.475g/50mL	0.5g/50mL	1.05
A9E0401-27	Soil	EPA 6020A	05/11/19 08:56	05/22/19 08:37	0.492g/50mL	0.5g/50mL	1.02
A9E0401-28	Soil	EPA 6020A	05/11/19 09:57	05/22/19 08:37	0.451g/50mL	0.5g/50mL	1.11
A9E0401-29	Soil	EPA 6020A	05/11/19 10:03	05/22/19 08:37	0.473g/50mL	0.5g/50mL	1.06
A9E0401-31	Soil	EPA 6020A	05/11/19 10:48	05/22/19 08:37	0.462g/50mL	0.5g/50mL	1.08
A9E0401-31RE1	Soil	EPA 6020A	05/11/19 10:48	05/22/19 08:37	0.462g/50mL	0.5g/50mL	1.08
A9E0401-33	Soil	EPA 6020A	05/11/19 11:00	05/22/19 08:37	0.49g/50mL	0.5g/50mL	1.02
A9E0401-34	Soil	EPA 6020A	05/11/19 11:30	05/22/19 08:37	0.471g/50mL	0.5g/50mL	1.06
A9E0401-36	Soil	EPA 6020A	05/11/19 11:45	05/22/19 08:37	0.463g/50mL	0.5g/50mL	1.08

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

SAMPLE PREPARATION INFORMATION

Total Metals by EPA 6020A (ICPMS)

Prep: EPA 3051A

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 9051151							
A9E0401-37	Soil	EPA 6020A	05/11/19 12:00	05/22/19 11:42	0.458g/50mL	0.5g/50mL	1.09
A9E0401-38	Soil	EPA 6020A	05/11/19 12:30	05/22/19 11:42	0.502g/50mL	0.5g/50mL	1.00
A9E0401-40	Soil	EPA 6020A	05/11/19 12:50	05/22/19 11:42	0.475g/50mL	0.5g/50mL	1.05
A9E0401-40RE1	Soil	EPA 6020A	05/11/19 12:50	05/22/19 11:42	0.475g/50mL	0.5g/50mL	1.05
A9E0401-41	Soil	EPA 6020A	05/11/19 13:00	05/22/19 11:42	0.47g/50mL	0.5g/50mL	1.06
A9E0401-42	Soil	EPA 6020A	05/11/19 14:15	05/22/19 11:42	0.485g/50mL	0.5g/50mL	1.03
A9E0401-44	Soil	EPA 6020A	05/11/19 15:05	05/22/19 11:42	0.45g/50mL	0.5g/50mL	1.11
A9E0401-46	Soil	EPA 6020A	05/11/19 15:45	05/22/19 11:42	0.476g/50mL	0.5g/50mL	1.05
A9E0401-48	Soil	EPA 6020A	05/11/19 16:10	05/22/19 11:42	0.49g/50mL	0.5g/50mL	1.02
A9E0401-49	Soil	EPA 6020A	05/11/19 16:30	05/22/19 11:42	0.459g/50mL	0.5g/50mL	1.09
A9E0401-52	Soil	EPA 6020A	05/11/19 17:05	05/22/19 11:42	0.492g/50mL	0.5g/50mL	1.02

TCLP Metals by EPA 6020A (ICPMS)

Prep: EPA 1311/3015

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 9051390							
A9E0401-10	Soil	1311/6020A	05/11/19 14:44	05/30/19 10:30	10mL/50mL	10mL/50mL	1.00

TCLP Extraction by EPA 1311

Prep: EPA 1311 (TCLP)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 9051351							
A9E0401-10	Soil	EPA 1311	05/11/19 14:44	05/29/19 18:06	100.1g/2002mL	100g/2000mL	NA

Percent Dry Weight

Prep: Total Solids (Dry Weight)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 9050832							
A9E0401-01	Soil	EPA 8000C	05/11/19 16:09	05/14/19 09:52			NA
A9E0401-03	Soil	EPA 8000C	05/11/19 16:20	05/14/19 09:52			NA
A9E0401-04	Soil	EPA 8000C	05/11/19 10:42	05/14/19 09:52			NA
A9E0401-06	Soil	EPA 8000C	05/11/19 11:16	05/14/19 09:52			NA
A9E0401-07	Soil	EPA 8000C	05/11/19 13:11	05/14/19 09:52			NA

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

SAMPLE PREPARATION INFORMATION

Percent Dry Weight

Prep: Total Solids (Dry Weight)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
A9E0401-09	Soil	EPA 8000C	05/11/19 13:28	05/14/19 09:52			NA
A9E0401-10	Soil	EPA 8000C	05/11/19 14:44	05/14/19 09:52			NA
A9E0401-11	Soil	EPA 8000C	05/11/19 14:49	05/14/19 09:52			NA
A9E0401-12	Soil	EPA 8000C	05/11/19 14:57	05/14/19 09:52			NA
A9E0401-16	Soil	EPA 8000C	05/11/19 11:48	05/14/19 09:52			NA
A9E0401-17	Soil	EPA 8000C	05/11/19 11:56	05/14/19 09:52			NA
A9E0401-18	Soil	EPA 8000C	05/11/19 12:08	05/14/19 09:52			NA
A9E0401-19	Soil	EPA 8000C	05/11/19 12:21	05/14/19 09:52			NA
A9E0401-20	Soil	EPA 8000C	05/11/19 12:29	05/14/19 09:52			NA
A9E0401-21	Soil	EPA 8000C	05/11/19 12:34	05/14/19 09:52			NA
A9E0401-22	Soil	EPA 8000C	05/11/19 09:17	05/14/19 09:52			NA
A9E0401-23	Soil	EPA 8000C	05/11/19 09:24	05/14/19 09:52			NA
A9E0401-24	Soil	EPA 8000C	05/11/19 08:56	05/14/19 09:52			NA
A9E0401-25	Soil	EPA 8000C	05/11/19 08:24	05/14/19 09:52			NA
A9E0401-26	Soil	EPA 8000C	05/11/19 08:49	05/14/19 09:52			NA
A9E0401-27	Soil	EPA 8000C	05/11/19 08:56	05/14/19 09:52			NA
A9E0401-28	Soil	EPA 8000C	05/11/19 09:57	05/14/19 09:52			NA
A9E0401-29	Soil	EPA 8000C	05/11/19 10:03	05/14/19 09:52			NA
A9E0401-31	Soil	EPA 8000C	05/11/19 10:48	05/14/19 09:52			NA
A9E0401-33	Soil	EPA 8000C	05/11/19 11:00	05/14/19 09:52			NA
A9E0401-34	Soil	EPA 8000C	05/11/19 11:30	05/14/19 09:52			NA
A9E0401-36	Soil	EPA 8000C	05/11/19 11:45	05/14/19 09:52			NA
A9E0401-37	Soil	EPA 8000C	05/11/19 12:00	05/14/19 09:52			NA
A9E0401-38	Soil	EPA 8000C	05/11/19 12:30	05/14/19 09:52			NA
A9E0401-40	Soil	EPA 8000C	05/11/19 12:50	05/14/19 09:52			NA
A9E0401-41	Soil	EPA 8000C	05/11/19 13:00	05/14/19 09:52			NA
A9E0401-42	Soil	EPA 8000C	05/11/19 14:15	05/14/19 09:52			NA
A9E0401-44	Soil	EPA 8000C	05/11/19 15:05	05/14/19 09:52			NA
A9E0401-46	Soil	EPA 8000C	05/11/19 15:45	05/14/19 09:52			NA
A9E0401-48	Soil	EPA 8000C	05/11/19 16:10	05/14/19 09:52			NA
A9E0401-49	Soil	EPA 8000C	05/11/19 16:30	05/14/19 09:52			NA
Batch: 9050893							
A9E0401-52	Soil	EPA 8000C	05/11/19 17:05	05/15/19 09:44			NA

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALIFIER DEFINITIONS

Client Sample and Quality Control (QC) Sample Qualifier Definitions:

Apex Laboratories

C-07	Extract has undergone Sulfuric Acid Cleanup by EPA 3665A, Sulfur Cleanup by EPA 3660B, and Florisil Cleanup by EPA 3620B in order to minimize matrix interference.
COMP	Sample is a composite of discrete samples. See prep information for details.
M-04	Due to matrix interference, this analyte cannot be accurately quantified. The reported result may contain a high bias.
M-05	Estimated results. Peak separation for structural isomers is insufficient for accurate quantification.
Q-01	Spike recovery and/or RPD is outside acceptance limits.
Q-03	Spike recovery and/or RPD is outside control limits due to the high concentration of analyte present in the sample.
Q-04	Spike recovery and/or RPD is outside control limits due to a non-homogeneous sample matrix.
Q-05	Analyses are not controlled on RPD values from sample and duplicate concentrations that are below 5 times the reporting level.
Q-17	RPD between original and duplicate sample is outside of established control limits.
Q-54	Daily Continuing Calibration Verification recovery for this analyte failed the +/-20% criteria listed in EPA method 8260C/8270D by +1.5%. The results are reported as Estimated Values.
Q-54a	Daily Continuing Calibration Verification recovery for this analyte failed the +/-20% criteria listed in EPA method 8260C/8270D by +18.9%. The results are reported as Estimated Values.
Q-54b	Daily Continuing Calibration Verification recovery for this analyte failed the +/-20% criteria listed in EPA method 8260C/8270D by +19.2%. The results are reported as Estimated Values.
Q-54c	Daily Continuing Calibration Verification recovery for this analyte failed the +/-20% criteria listed in EPA method 8260C/8270D by +2.5%. The results are reported as Estimated Values.
Q-54d	Daily Continuing Calibration Verification recovery for this analyte failed the +/-20% criteria listed in EPA method 8260C/8270D by +4.7%. The results are reported as Estimated Values.
Q-54e	Daily Continuing Calibration Verification recovery for this analyte failed the +/-20% criteria listed in EPA method 8260C/8270D by +6.5%. The results are reported as Estimated Values.
Q-54f	Daily Continuing Calibration Verification recovery for this analyte failed the +/-20% criteria listed in EPA method 8260C/8270D by -4.8%. The results are reported as Estimated Values.
Q-54g	Daily Continuing Calibration Verification recovery for this analyte failed the +/-20% criteria listed in EPA method 8260C/8270D by -5.1%. The results are reported as Estimated Values.
Q-54h	Daily Continuing Calibration Verification recovery for this analyte failed the +/-20% criteria listed in EPA method 8260C/8270D by -5.3%. The results are reported as Estimated Values.
Q-54i	Daily Continuing Calibration Verification recovery for this analyte failed the +/-20% criteria listed in EPA method 8260C/8270D by -6.7%. The results are reported as Estimated Values.
Q-54j	Daily Continuing Calibration Verification recovery for this analyte failed the +/-20% criteria listed in EPA method 8260C/8270D by -8.1%. The results are reported as Estimated Values.

Apex Laboratories

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Philip Nerenberg, Lab Director

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project:	**Modera Morrison**	
9450 SW Commerce Circle	Project Number:	**Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager:	**Kyle Sattler**	**A9E0401 - 06 04 19 1033**

Q-55	Daily CCV/LCS recovery for this analyte was below the +/-20% criteria listed in EPA 8260C, however there is adequate sensitivity to ensure detection at the reporting level.
Q-56	Daily CCV/LCS recovery for this analyte was above the +/-20% criteria listed in EPA 8260C
R-02	The Reporting Limit for this analyte has been raised to account for interference from coeluting organic compounds present in the sample.
TCLP	This batch QC sample was prepared with TCLP or SPLP fluid from preparation batch 9051351.
V-15	Sample aliquot was subsampled from the sample container. The subsampled aliquot was preserved in the laboratory within 48 hours of sampling.
V-16	Sample aliquot was subsampled from the sample container in the laboratory. The subsampled aliquot was not preserved within 48 hours of sampling.

Apex Laboratories

Philip Nerenberg

Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
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Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

REPORTING NOTES AND CONVENTIONS:

Abbreviations:

DET Analyte DETECTED at or above the detection or reporting limit.

ND Analyte NOT DETECTED at or above the detection or reporting limit.

NR Result Not Reported

RPD Relative Percent Difference. RPDs for Matrix Spikes and Matrix Spike Duplicates are based on concentration, not recovery.

Detection Limits: Limit of Detection (LOD)

Limits of Detection (LODs) are normally set at a level of one half the validated Limit of Quantitation (LOQ).
If no value is listed ('-----'), then the data has not been evaluated below the Reporting Limit.

Reporting Limits: Limit of Quantitation (LOQ)

Validated Limits of Quantitation (LOQs) are reported as the Reporting Limits for all analyses where the LOQ, MRL, PQL or CRL are requested. The LOQ represents a level at or above the low point of the calibration curve, that has been validated according to Apex Laboratories' comprehensive LOQ policies and procedures.

Reporting Conventions:

Basis: Results for soil samples are generally reported on a 100% dry weight basis.
The Result Basis is listed following the units as " dry", " wet", or " " (blank) designation.

" dry" Sample results and Reporting Limits are reported on a dry weight basis. (i.e. "ug/kg dry")
See Percent Solids section for details of dry weight analysis.

" wet" Sample results and Reporting Limits for this analysis are normally dry weight corrected, but have not been modified in this case.

" " Results without 'wet' or 'dry' designation are not normally dry weight corrected. These results are considered 'As Received'.

QC Source:

In cases where there is insufficient sample provided for Sample Duplicates and/or Matrix Spikes, a Lab Control Sample Duplicate (LCS Dup) may be analyzed to demonstrate accuracy and precision of the extraction batch.

Non-Client Batch QC Samples (Duplicates and Matrix Spike/Duplicates) may not be included in this report. Please request a Full QC report if this data is required.

Miscellaneous Notes:

" --- " QC results are not applicable. For example, % Recoveries for Blanks and Duplicates, % RPD for Blanks, Blank Spikes and Matrix Spikes, etc.

" *** " Used to indicate a possible discrepancy with the Sample and Sample Duplicate results when the %RPD is not available. In this case, either the Sample or the Sample Duplicate has a reportable result for this analyte, while the other is Non Detect (ND).

Blanks:

Standard practice is to evaluate the results from Blank QC Samples down to a level equal to ½ the Reporting Limit (RL).
-For Blank hits falling between ½ the RL and the RL (J flagged hits), the associated sample and QC data will receive a 'B-02' qualifier.
-For Blank hits above the RL, the associated sample and QC data will receive a 'B' qualifier, per Apex Laboratories' Blank Policy.
For further details, please request a copy of this document.

Apex Laboratories

Philip Nerenberg, Lab Director

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503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

REPORTING NOTES AND CONVENTIONS (Cont.):

Blanks (Cont.):

Sample results flagged with a 'B' or 'B-02' qualifier are potentially biased high if the sample results are less than ten times the level found in the blank for inorganic analyses, or less than five times the level found in the blank for organic analyses.

'B' and 'B-02' qualifications are only applied to sample results detected above the Reporting Level.

Preparation Notes:

Mixed Matrix Samples:

Water Samples:

Water samples containing significant amounts of sediment are decanted or separated prior to extraction, and only the water portion analyzed, unless otherwise directed by the client.

Soil and Sediment Samples:

Soil and Sediment samples containing significant amounts of water are decanted prior to extraction, and only the solid portion analyzed, unless otherwise directed by the client.

Sampling and Preservation Notes:

Certain regulatory programs, such as National Pollutant Discharge Elimination System (NPDES), require that activities such as sample filtration (for dissolved metals, orthophosphate, hexavalent chromium, etc.) and testing of short hold analytes (pH, Dissolved Oxygen, etc.) be performed in the field (on-site) within a short time window. In addition, sample matrix spikes are required for some analyses, and sufficient volume must be provided, and billable site specific QC requested, if this is required. All regulatory permits should be reviewed to ensure that these requirements are being met.

Data users should be aware of which regulations pertain to the samples they submit for testing. If related sample collection activities are not approved for a particular regulatory program, results should be considered estimates. Apex Laboratories will qualify these analytes according to the most stringent requirements, however results for samples that are for non-regulatory purposes may be acceptable.

Samples that have been filtered and preserved at Apex Laboratories per client request are listed in the preparation section of the report with the date and time of filtration listed.

Apex Laboratories maintains detailed records on sample receipt, including client label verification, cooler temperature, sample preservation, hold time compliance and field filtration. Data is qualified as necessary, and the lack of qualification indicates compliance with required parameters.

Apex Laboratories, LLC

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GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

LABORATORY ACCREDITATION INFORMATION

TNI Certification ID: OR100062 (Primary Accreditation) - EPA ID: OR01039

All methods and analytes reported from work performed at Apex Laboratories are included on Apex Laboratories' ORELAP Scope of Certification, with the exception of any analyte(s) listed below:

Apex Laboratories

Matrix	Analysis	TNI_ID	Analyte	TNI_ID	Accreditation

All reported analytes are included in Apex Laboratories' current ORELAP scope.

Secondary Accreditations

Apex Laboratories also maintains reciprocal accreditation with non-TNI states (Washington DOE), as well as other state specific accreditations not listed here.

Subcontract Laboratory Accreditations

Subcontracted data falls outside of Apex Laboratories' Scope of Accreditation.
Please see the Subcontract Laboratory report for full details, or contact your Project Manager for more information.

Field Testing Parameters

Results for Field Tested data are provded by the client or sampler, and fall outside of Apex Laboratories' Scope of Accreditation.

Apex Laboratories

Philip Nerenberg, Lab Director

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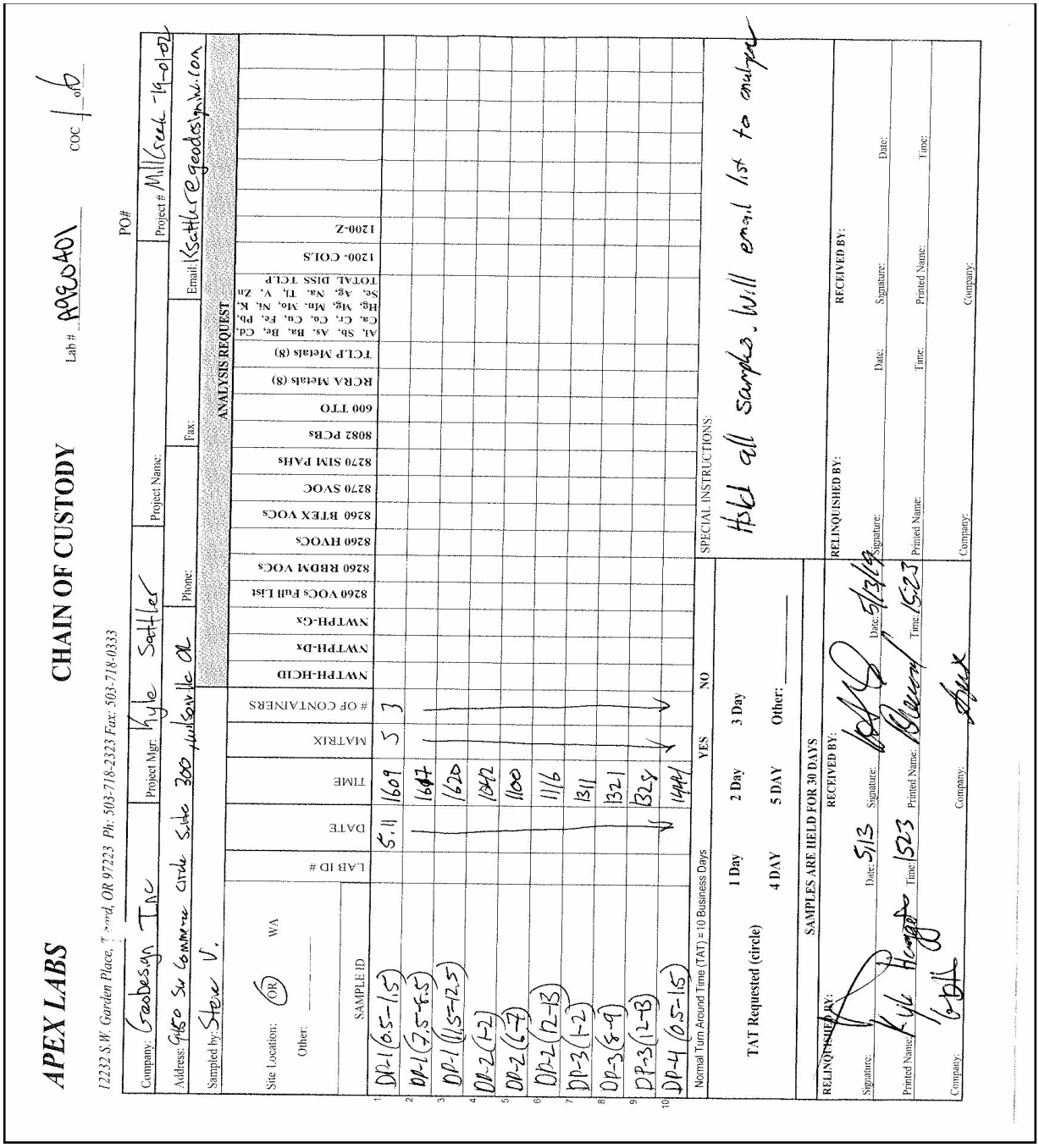
GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**



APEX LABS — CHAIN OF CUSTODY

12232 S.W. Garden Place, Tigard, OR 97223 Ph: 503-718-2323 Fax: 503-718-0333

Lab # A9E0401 COC 1 of 1

Company: Geodesign Inc | Project Mgr: Kyle Sattler | Project Name: | Project # Millcreek-19-01-02

Address: 9450 SW Commerce Circle Suite 300 Wilsonville OR | Phone: | Fax: | Email: ksattler@geodesign.net

Sampled by: Steve V. | PO#

Site Location: OR WA | Other: ____

ANALYSIS REQUEST

	SAMPLE ID	LAB ID #	DATE	TIME	MATRIX	# OF CONTAINERS	NWTPH-HCID	NWTPH-Dx	NWTPH-Gx	8260 VOCs Full List	8260 RBDM VOCs	8260 HVOCs	8260 BTEX VOCs	8270 SVOC	8270 SIM PAHs	8082 PCBs	600 TTO	RCRA Metals (8)	TCLP Metals (8)	Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Hg, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Tl, V, Zn TOTAL DISS TCLP	1200- COLS	1200-Z
1	DP-1 (0.5-1.5)		5.11	1609	S	3																
2	DP-1 (7.5-8.5)			1647																		
3	DP-1 (11.5-12.5)			1620																		
4	DP-2 (1-2)			1042																		
5	DP-2 (6-7)			1100																		
6	DP-2 (12-13)			1116																		
7	DP-3 (1-2)			1311																		
8	DP-3 (8-9)			1321																		
9	DP-3 (12-13)			1328																		
10	DP-4 (0.5-1.5)		↓	1442	↓	↓	↓															

Normal Turn Around Time (TAT) = 10 Business Days | YES | NO

SPECIAL INSTRUCTIONS: Hold all samples. Will email list to analyze

TAT Requested (circle): 1 Day | 2 Day | 3 Day | 4 DAY | 5 DAY | Other: ____

SAMPLES ARE HELD FOR 30 DAYS

RELINQUISHED BY: | RECEIVED BY: | RELINQUISHED BY: | RECEIVED BY:

Signature: | Signature: | Signature: | Signature:

Printed Name: Kyle Hoggard | Printed Name: Blaine | Printed Name: | Printed Name:

Company: | Company: | Company: | Company:

Date: 5/13 | Time: 1523 | Date: 5/13/19 | Time: 1523 | Date: | Time: | Date: | Time:

Apex Laboratories

Philip Nerenberg

Philip Nerenberg, Lab Director

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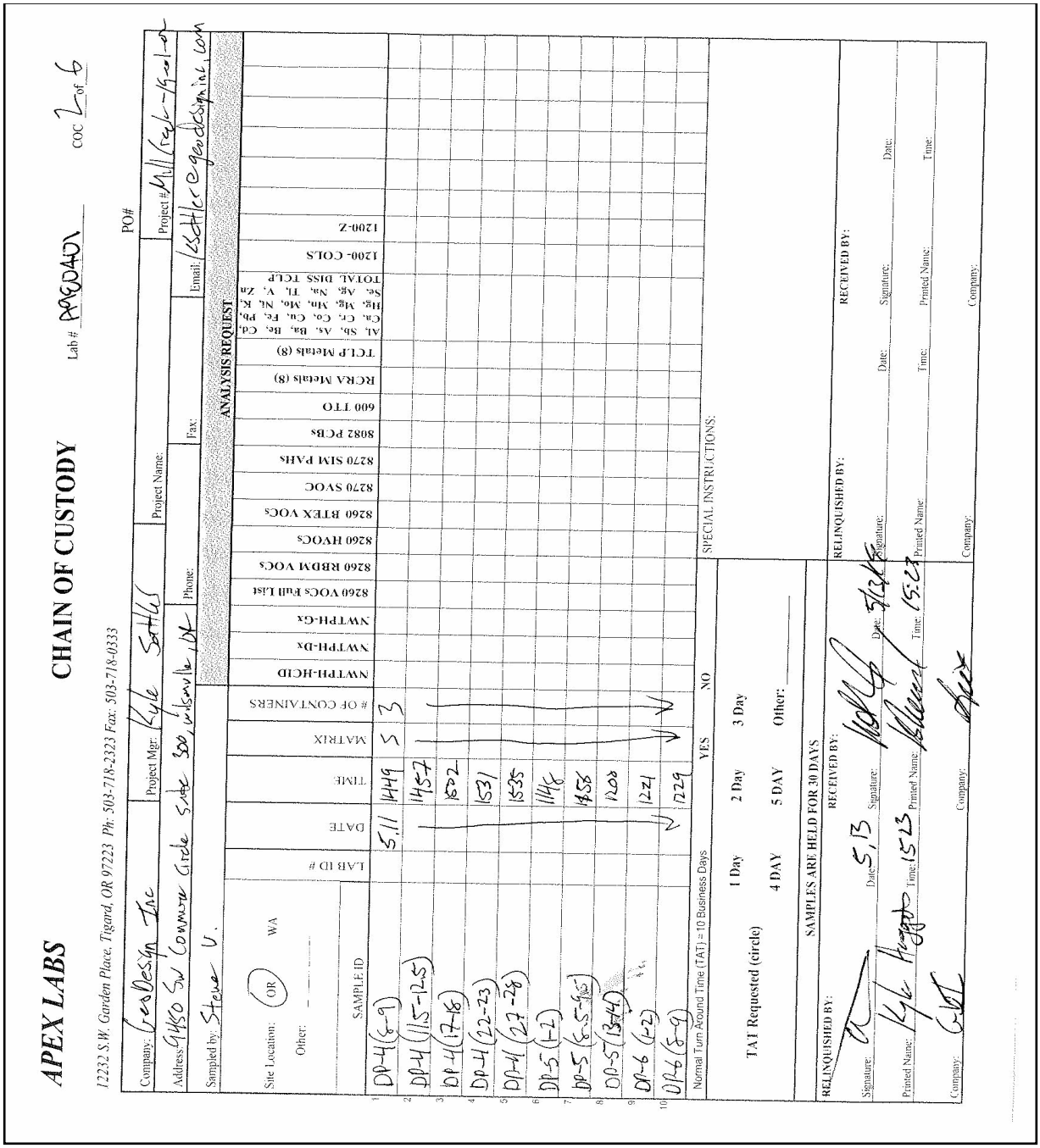
Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**



APEX LABS

CHAIN OF CUSTODY

12232 S.W. Garden Place, Tigard, OR 97223 Ph: 503-718-2323 Fax: 503-718-0333

Lab # A9E0401 COC 1 of 1

PO#

Company: GeoDesign Inc | Project Mgr: Kyle Sattler | Project Name: | Project #: Millcreek-19-01-02

Address: 9450 SW Commerce Circle Suite 300 Wilsonville, OR | Phone: | Fax: | Email: ksattler@geodesigninc.com

Sampled by: Steven V.

Site Location: (OR) WA

Other: _____

ANALYSIS REQUEST

#	SAMPLE ID	LAB ID #	DATE	TIME	MATRIX	# OF CONTAINERS	NWTPH-HCID	NWTPH-Dx	NWTPH-Gx	8260 VOCs Full List	8260 RBDM VOCs	8260 HVOCs	8260 BTEX VOCs	8270 SVOC	8270 SIM PAHs	8082 PCBs	600 TTO	RCRA Metals (8)	TCLP Metals (8)	Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Hg, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Tl, V, Zn TOTAL DISS TCLP	1200- COLS	1200-Z
1	DP-4(8-9)		5/11	1449	S	3																
2	DP-4(11.5-12.5)			1457																		
3	DP-4(17-18)			1502																		
4	DP-4(22-23)			1531																		
5	DP-4(27-28)			1535																		
6	DP-5(1-2)			1146																		
7	DP-5(8.5-9.5)			1458																		
8	DP-5(13-14)			1208																		
9	DP-6(1-2)			1221																		
10	DP-6(8-9)			1229																		

Normal Turn Around Time (TAT) = 10 Business Days — YES / NO

SPECIAL INSTRUCTIONS:

TAT Requested (circle): 1 Day 2 Day 3 Day 4 DAY 5 DAY Other: _____

SAMPLES ARE HELD FOR 30 DAYS

RELINQUISHED BY: Signature: Date: 5,13 Printed Name: Time: 1523 Company:

RECEIVED BY: Signature: Date: Printed Name: Time: Company:

RELINQUISHED BY: Signature: Date: 5/13/19 Printed Name: Time: 15:23 Company:

RECEIVED BY: Signature: Date: Printed Name: Time: Company:

Apex Laboratories

Philip Nerenberg

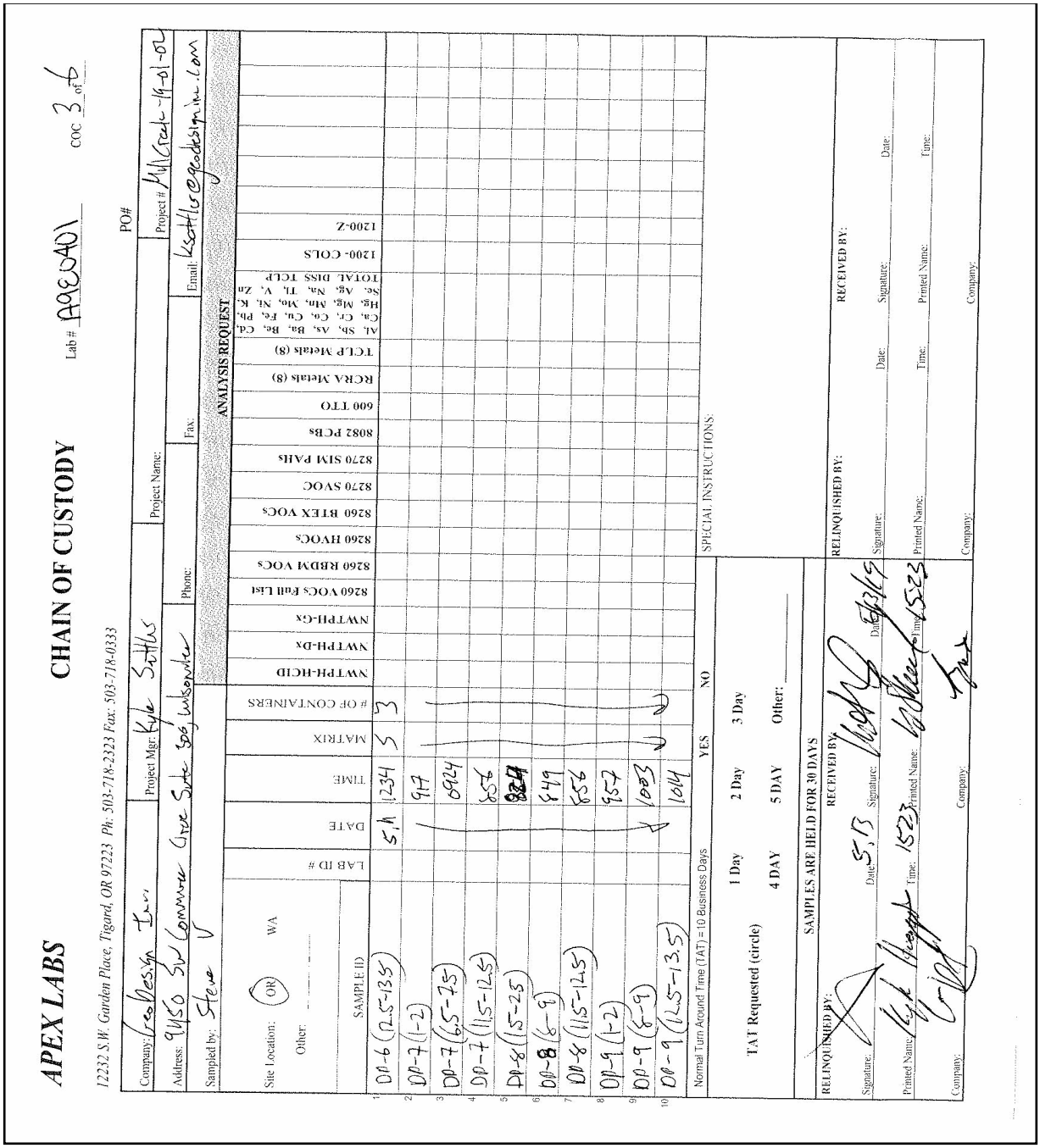
Philip Nerenberg, Lab Director

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**



APEX LABS — CHAIN OF CUSTODY

12232 S.W. Garden Place, Tigard, OR 97223 Ph. 503-718-2323 Fax: 503-718-0333

Lab # A9E0401 — COC 3 of 6 — PO# — Project # Millcreek-19-01-02

Company: GeoDesign Inc. — Project Mgr: Kyle Sattler — Project Name: — Phone: — Fax: — Email: ksattler@geodesigninc.com

Address: 9450 SW Commerce Circle Suite 200 Wilsonville — Sampled by: Steve V

Site Location: (OR) WA — Other: ____

#	SAMPLE ID	LAB ID #	DATE	TIME	MATRIX	# OF CONTAINERS
1	DD-6 (2.5-13.5)		5.14	1234	S	3
2	DD-7 (1-2)			917		
3	DD-7 (6.5-7.5)			0924		
4	DD-7 (11.5-12.5)			857		
5	DD-8 (1.5-2.5)			0944		
6	DD-8 (6-9)			949		
7	DD-8 (11.5-12.5)			954		
8	DD-9 (1-2)			957		
9	DD-9 (6-9)			1003		
10	DD-9 (12.5-13.5)			1014		

ANALYSIS REQUEST: NWTPH-HCID; NWTPH-Dx; NWTPH-Gx; 8260 VOCs Full List; 8260 RBDM VOCs; 8260 HVOCs; 8260 BTEX VOCs; 8270 SVOC; 8270 SIM PAHs; 8082 PCBs; 600 TTO; RCRA Metals (8); TCLP Metals (8); Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Hg, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Tl, V, Zn TOTAL DISS TCLP; 1200- COLS; 1200-Z

Normal Turn Around Time (TAT) = 10 Business Days — YES — NO

TAT Requested (circle): 1 Day 2 Day 3 Day 4 DAY 5 DAY Other: ____

SPECIAL INSTRUCTIONS:

SAMPLES ARE HELD FOR 30 DAYS

RELINQUISHED BY: Date 5.13 Time 1523 — RECEIVED BY: Signature: Printed Name: Company: Date: Time:

RELINQUISHED BY: Signature: Printed Name: Company: Date: Time:

RECEIVED BY: Signature: Printed Name: Company: Date: Time:

Apex Laboratories

Philip Nerenberg

Philip Nerenberg, Lab Director

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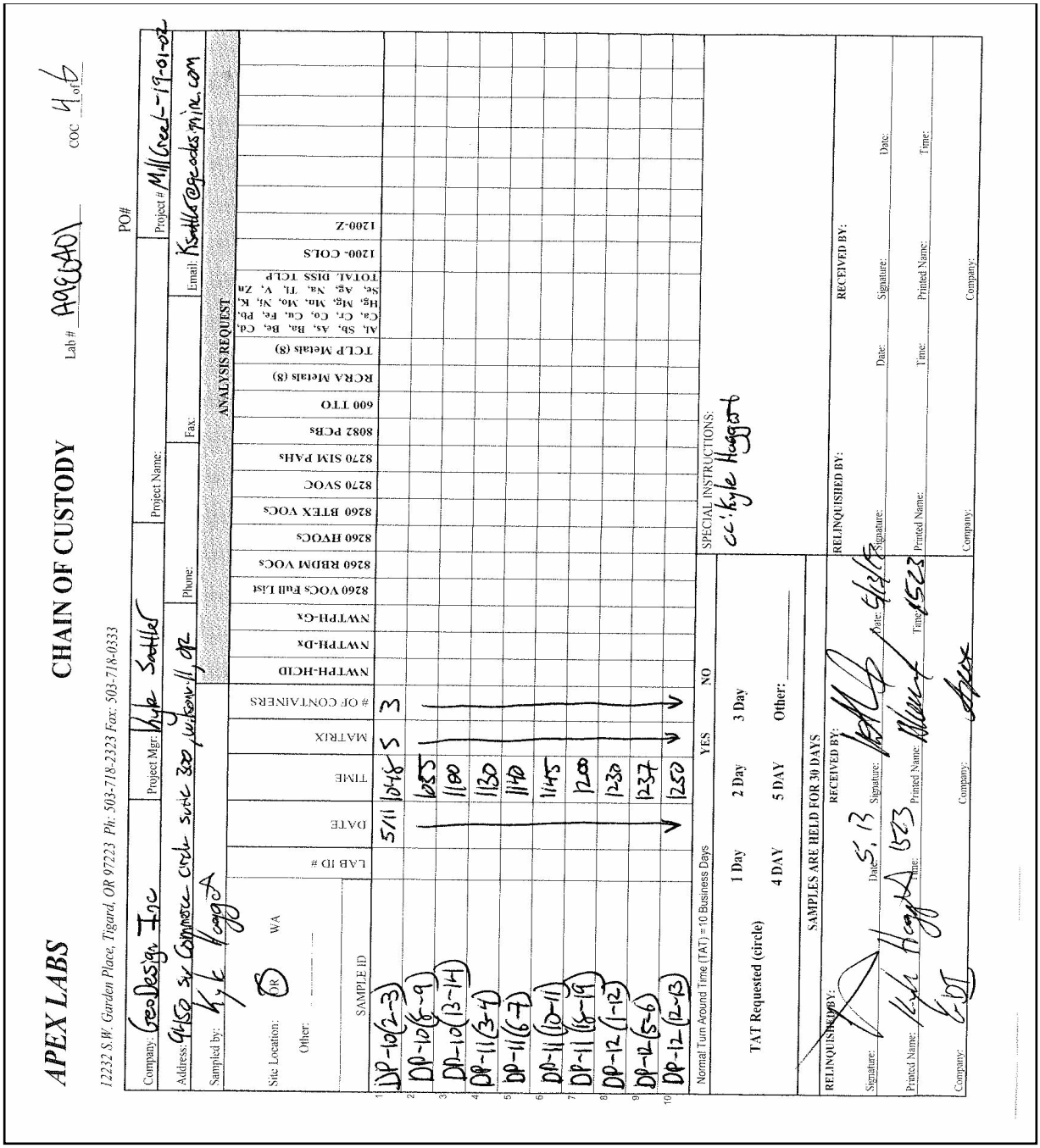
Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**



APEX LABS

CHAIN OF CUSTODY

Lab # A9E0401 COC 4 of 6

12232 S.W. Garden Place, Tigard, OR 97223 Ph: 503-718-2323 Fax: 503-718-0333

PO#

Company: GeoDesign, Inc | Project Mgr: Kyle Sattler | Project Name: | Project # Millcreek-19-01-02

Address: 9450 SW Commerce Circle Suite 320, Wilsonville, OR | Phone: | Fax: | Email: KSattler@geodesigninc.com

Sampled by: K. Hoggatt

Site Location: OR WA

Other:

#	SAMPLE ID	LAB ID #	DATE	TIME	MATRIX	# OF CONTAINERS	NWTPH-HCID	NWTPH-Dx	NWTPH-Gx	8260 VOCs Full List	8260 RBDM VOCs	8260 HVOCs	8260 BTEX VOCs	8270 SVOC	8270 SIM PAHs	8082 PCBs	8260 TTO	RCRA Metals (8)	TCLP Metals (8)	Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Hg, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Tl, V, Zn TOTAL DISS TCLP	1200-COLS	1200-Z
1	DP-10(2-3)		5/11	1046	S	3																
2	DP-10(6-9)			1055																		
3	DP-10(13-14)			1100																		
4	DP-11(3-4)			1130																		
5	DP-11(6-7)			1140																		
6	DP-11(10-11)			1145																		
7	DP-11(16-19)			1200																		
8	DP-12(1-2)			1230																		
9	DP-12(5-6)			1237																		
10	DP-12(12-13)		↓	1250	↓	↓																

Normal Turn Around Time (TAT) = 10 Business Days YES NO

TAT Requested (circle): 1 Day 2 Day 3 Day 4 DAY 5 DAY Other: _____

SPECIAL INSTRUCTIONS: cc: Kyle Hoggatt

SAMPLES ARE HELD FOR 30 DAYS

RELINQUISHED BY: Signature: Printed Name: Company: Date: 5/13 Time: 1523

RECEIVED BY: Signature: Printed Name: Company: Date: 5/14/19 Time: 1523

RELINQUISHED BY: Signature: Printed Name: Company: Date: Time:

RECEIVED BY: Signature: Printed Name: Company: Date: Time:

Apex Laboratories

Philip Nerenberg

Philip Nerenberg, Lab Director

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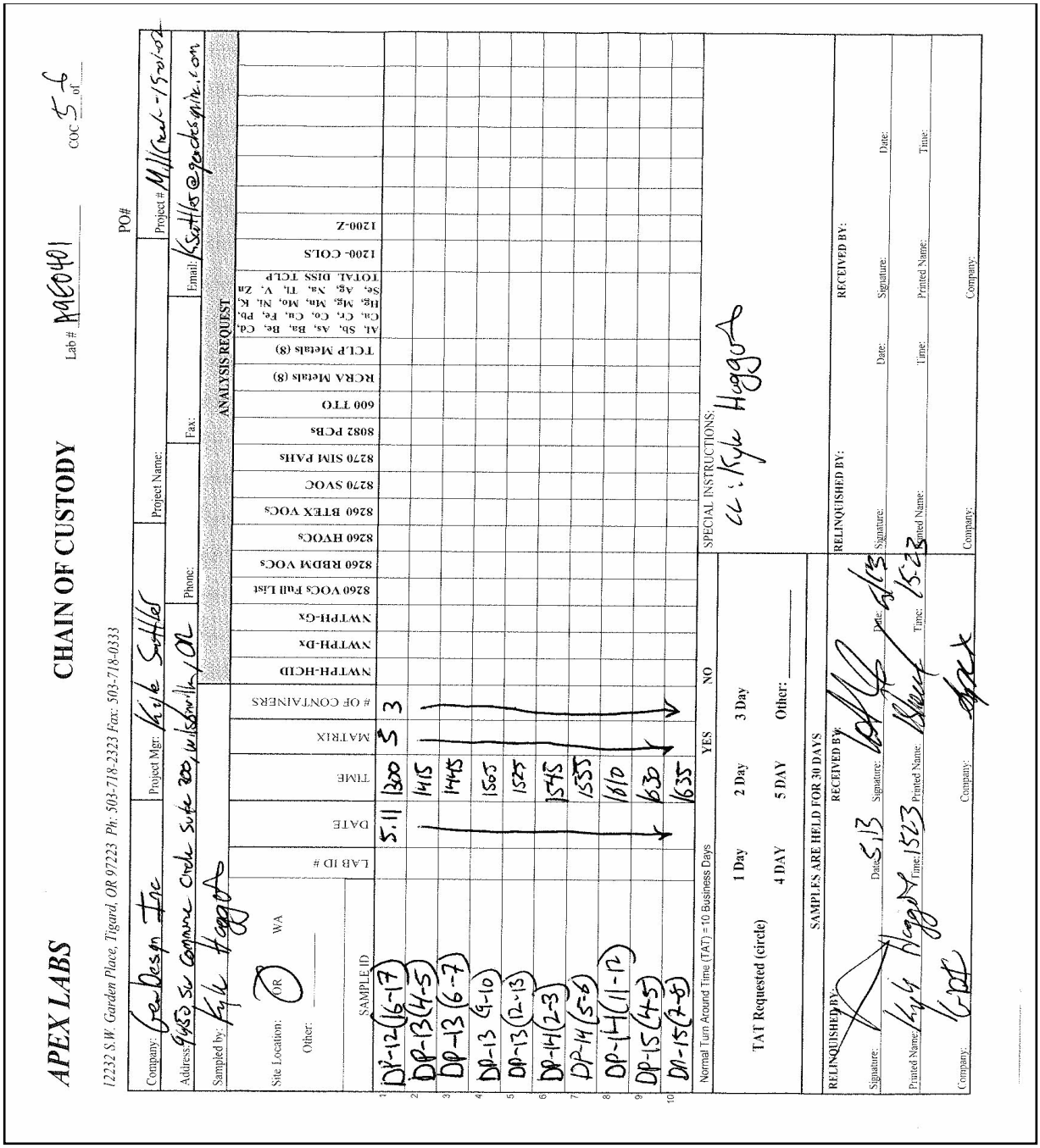
Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**



APEX LABS

CHAIN OF CUSTODY

Lab # A9E0401

COC 1 of 1

12232 S.W. Garden Place, Tigard, OR 97223 Ph: 503-718-2323 Fax: 503-718-0333

PO#

Company: GeoDesign Inc | Project Mgr: Kyle Sattler | Project Name: | Project # Millcreek-19-01-02

Address: 9450 SW Commerce Circle Suite 200, Wilsonville, OR | Phone: | Fax: | Email: KSattler@geodesigninc.com

Sampled by: Kyle Haggart

Site Location: OR WA

Other:

SAMPLE ID	LAB ID #	DATE	TIME	MATRIX	# OF CONTAINERS	NWTPH-HCID	NWTPH-Dx	NWTPH-Gx	8260 VOCs Full List	8260 RBDM VOCs	8260 HVOCs	8260 BTEX VOCs	8270 SVOC	8270 SIM PAHs	8082 PCBs	600 TTO	RCRA Metals (8)	TCLP Metals (8)	Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Li, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Tl, V, Zn TOTAL DISS TCLP	1200- COLS	1200-Z
1 DP-12 (16-17)		5.11	1300	S	3																
2 DP-13 (4-5)			1415																		
3 DP-13 (6-7)			1445																		
4 DP-13 (9-10)			1505																		
5 DP-13 (12-13)			1525																		
6 DP-14 (2-3)			1545																		
7 DP-14 (5-6)			1555																		
8 DP-14 (11-12)			1610																		
9 DP-15 (4-5)			630																		
10 DP-15 (7-8)			1635																		

Normal Turn Around Time (TAT) = 10 Business Days — YES / NO

TAT Requested (circle): 1 Day | 2 Day | 3 Day | 4 DAY | 5 DAY | Other: _____

SPECIAL INSTRUCTIONS: cc: Kyle Haggart

SAMPLES ARE HELD FOR 30 DAYS

RELINQUISHED BY: Signature: Kyle Haggart Printed Name: Kyle Haggart Company: Apex

RECEIVED BY: Date: 5/13 Signature: Time: 1523 Printed Name: Company:

RELINQUISHED BY: Signature: Date: Time: Printed Name: Company:

RECEIVED BY: Date: 5/13 Signature: Time: 15:23 Printed Name: Company:

RELINQUISHED BY: Signature: Date: Time: Printed Name: Company:

RECEIVED BY: Date: Signature: Time: Printed Name: Company:

Apex Laboratories

Philip Nerenberg

Philip Nerenberg, Lab Director

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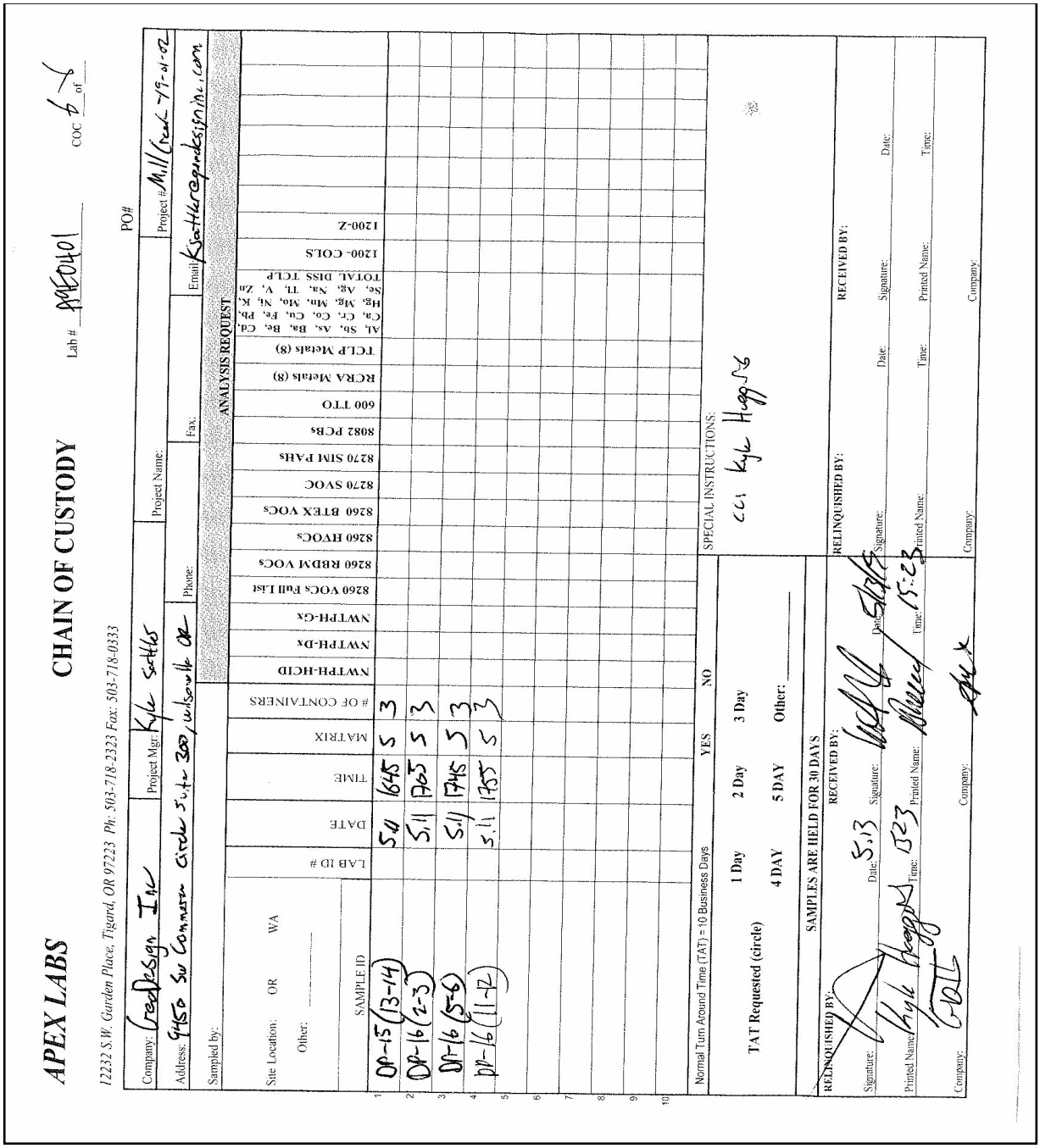
Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**



APEX LABS

CHAIN OF CUSTODY

12232 S.W. Garden Place, Tigard, OR 97223 Ph: 503-718-2323 Fax: 503-718-0333

Lab # A9E0401 COC 1 of 1 PO#

Company: GeoDesign Inc | Project Mgr: Kyle Sattler | Project Name: | Project #: Mill Creek -19-01-02

Address: 9450 SW Commerce Circle Suite 300 Wilsonville OR | Phone: | Fax: | Email: ksattler@geodesigninc.com

Sampled by:

Site Location: OR WA

Other: _____

#	SAMPLE ID	LAB ID #	DATE	TIME	MATRIX	# OF CONTAINERS
1	DP-15 (13-14)		5.9	1645	S	3
2	DP-16 (2-3)		5.11	1705	S	3
3	DP-16 (5-6)		5.11	1745	S	3
4	DP-16 (11-12)		5.11	1755	S	3
5						
6						
7						
8						
9						
10						

ANALYSIS REQUEST

NWTPH-HCID
NWTPH-Dx
NWTPH-Gx
8260 VOCs Full List
8260 RBDM VOCs
8260 HVOCs
8260 BTEX VOCs
8270 SVOC
8270 SIM PAHs
8082 PCBs
600 TTO
RCRA Metals (8)
TCLP Metals (8)
Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Hg, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Tl, V, Zn
TOTAL DISS TCLP
1200- COLS
1200-Z

Normal Turn Around Time (TAT) = 10 Business Days YES NO

TAT Requested (circle): 1 Day 2 Day 3 Day 4 DAY 5 DAY Other: _____

SPECIAL INSTRUCTIONS: cc: Kyle Hoggs

SAMPLES ARE HELD FOR 30 DAYS

RELINQUISHED BY: Signature: Printed Name: Company: Date: 5.13 Time: 1523

RECEIVED BY: Signature: Printed Name: Company: Date: 5/13 Time: 15:23

RELINQUISHED BY: Signature: Printed Name: Company: Date: Time:

RECEIVED BY: Signature: Printed Name: Company: Date: Time:

Apex Laboratories

Philip Nerenberg

Philip Nerenberg, Lab Director

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Apex Laboratories, LLC
6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

APEX LABS COOLER RECEIPT FORM

Client: GeoDesign Element WO#: A9 E0401

Project/Project #: Modera Morrison / # Mill Creek-19-01-02

Delivery Info:

Date/time received: 5/13/19 @ 1523 By: KRS

Delivered by: Apex___ Client X ESS___ FedEx___ UPS___ Swift___ Senvoy___ SDS___ Other___

Cooler Inspection Date/time inspected: 5/13/19 @ 1523 By: KRS

Chain of Custody included? Yes X No___ Custody seals? Yes___ No X

Signed/dated by client? Yes X No___

Signed/dated by Apex? Yes X No___

	Cooler #1	Cooler #2	Cooler #3	Cooler #4	Cooler #5	Cooler #6	Cooler #7
Temperature (°C)	3.1	5.4	1.8				
Received on ice? (Y/N)	Y	Y	Y				
Temp. blanks? (Y/N)	N	N	N				
Ice type: (Gel/Real/Other)	Real	Real	Real				
Condition:	Good	Good	Good				

Cooler out of temp? (Y/N) Possible reason why:

If some coolers are in temp and some out, were green dots applied to out of temperature samples? Yes/No/NA

Out of temperature samples form initiated? Yes/No/NA

Samples Inspection: Date/time inspected: 5/13/19 @ 1830 By: TAG

All samples intact? Yes X No___ Comments:

Bottle labels/COCs agree? Yes___ No X Comments: DP-5(13-14) no ID/T on MeOH VOAs, matched by process of elimination. DP-12(1-12) ID on Conts. read DP-12(1-2).

COC/container discrepancies form initiated? Yes___ No___ NA X

Containers/volumes received appropriate for analysis? Yes X No___ Comments: DP-5(13-14) lab to re-extract.

Do VOA vials have visible headspace? Yes___ No___ NA X

Comments

Water samples: pH checked: Yes___No___NA X pH appropriate? Yes___No___NA X

Comments:

Additional information: DP-7(11.5-12.5) T on Conts. read 0928.

Labeled by: MW Witness: Cooler Inspected by: TAG See Project Contact Form: Y

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
EPA ID: OR01039

Friday, May 31, 2019

Kyle Sattler
GeoDesign, Inc.
9450 SW Commerce Circle
Wilsonville, OR 97070

RE: A9E0515 - Modera Morrison - Millcreek-19-01-02

Thank you for using Apex Laboratories. We greatly appreciate your business and strive to provide the highest quality services to the environmental industry.

Enclosed are the results of analyses for work order A9E0515, which was received by the laboratory on 5/15/2019 at 5:43:00PM.

If you have any questions concerning this report or the services we offer, please feel free to contact me by email at: pnerenberg@apex-labs.com, or by phone at 503-718-2323.

Please note: All samples will be disposed of within 30 days of final reporting, unless prior arrangements have been made.

Cooler Receipt Information

(See Cooler Receipt Form for details)

Cooler #1 1.0 degC

This Final Report is the official version of the data results for this sample submission, unless superseded by a subsequent, labeled amended report.
All other deliverables derived from this data, including Electronic Data Deliverables (EDDs), CLP-like forms, client requested summary sheets, and all other products are considered secondary to this report.

Apex Laboratories

Philip Nerenberg

Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0515 - 05 31 19 1718**

ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
HA-1(2-2.5)	A9E0515-01	Soil	05/15/19 10:30	05/15/19 17:43
HA-1(12-12.5)	A9E0515-05	Soil	05/15/19 12:45	05/15/19 17:43
HA-1(15-15.5)	A9E0515-06	Soil	05/15/19 13:15	05/15/19 17:43
HA-2(2-2.5)	A9E0515-07	Soil	05/15/19 14:15	05/15/19 17:43

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0515 - 05 31 19 1718**

ANALYTICAL SAMPLE RESULTS

Hydrocarbon Identification Screen by NWTPH-HCID

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
HA-1(15-15.5) (A9E0515-06)				**Matrix: Soil**		**Batch: 9051061**		
Gasoline Range Organics	ND	---	22.5	mg/kg dry	1	05/21/19	NWTPH-HCID	
Diesel Range Organics	ND	---	56.3	mg/kg dry	1	05/21/19	NWTPH-HCID	
Oil Range Organics	ND	---	113	mg/kg dry	1	05/21/19	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*90 %*	*Limits: 50-150 %*	*1*	*05/21/19*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*88 %*	*50-150 %*	*1*	*05/21/19*	*NWTPH-HCID*	

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GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0515 - 05 31 19 1718**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
HA-1(2-2.5) (A9E0515-01)				**Matrix: Soil**			**Batch: 9051092**	
Acetone	ND	---	1.34	mg/kg dry	50	05/21/19	5035A/8260C	
Acrylonitrile	ND	---	0.134	mg/kg dry	50	05/21/19	5035A/8260C	
Benzene	ND	---	0.0134	mg/kg dry	50	05/21/19	5035A/8260C	
Bromobenzene	ND	---	0.0334	mg/kg dry	50	05/21/19	5035A/8260C	
Bromochloromethane	ND	---	0.0669	mg/kg dry	50	05/21/19	5035A/8260C	
Bromodichloromethane	ND	---	0.134	mg/kg dry	50	05/21/19	5035A/8260C	
Bromoform	ND	---	0.268	mg/kg dry	50	05/21/19	5035A/8260C	
Bromomethane	ND	---	0.669	mg/kg dry	50	05/21/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.669	mg/kg dry	50	05/21/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0669	mg/kg dry	50	05/21/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0669	mg/kg dry	50	05/21/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0669	mg/kg dry	50	05/21/19	5035A/8260C	
Carbon disulfide	ND	---	0.669	mg/kg dry	50	05/21/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.134	mg/kg dry	50	05/21/19	5035A/8260C	
Chlorobenzene	ND	---	0.0334	mg/kg dry	50	05/21/19	5035A/8260C	
Chloroethane	ND	---	0.669	mg/kg dry	50	05/21/19	5035A/8260C	
Chloroform	ND	---	0.0669	mg/kg dry	50	05/21/19	5035A/8260C	
Chloromethane	ND	---	0.334	mg/kg dry	50	05/21/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0669	mg/kg dry	50	05/21/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0669	mg/kg dry	50	05/21/19	5035A/8260C	
Dibromochloromethane	ND	---	0.134	mg/kg dry	50	05/21/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.334	mg/kg dry	50	05/21/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0669	mg/kg dry	50	05/21/19	5035A/8260C	
Dibromomethane	ND	---	0.0669	mg/kg dry	50	05/21/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0334	mg/kg dry	50	05/21/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0334	mg/kg dry	50	05/21/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0334	mg/kg dry	50	05/21/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.134	mg/kg dry	50	05/21/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0334	mg/kg dry	50	05/21/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0334	mg/kg dry	50	05/21/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0334	mg/kg dry	50	05/21/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0334	mg/kg dry	50	05/21/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0334	mg/kg dry	50	05/21/19	5035A/8260C	

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Philip Nerenberg, Lab Director

Apex Laboratories, LLC

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0515 - 05 31 19 1718**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
HA-1(2-2.5) (A9E0515-01)				**Matrix: Soil**			**Batch: 9051092**	
1,2-Dichloropropane	ND	---	0.0334	mg/kg dry	50	05/21/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0669	mg/kg dry	50	05/21/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0669	mg/kg dry	50	05/21/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0669	mg/kg dry	50	05/21/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0669	mg/kg dry	50	05/21/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0669	mg/kg dry	50	05/21/19	5035A/8260C	
Ethylbenzene	ND	---	0.0334	mg/kg dry	50	05/21/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.134	mg/kg dry	50	05/21/19	5035A/8260C	
2-Hexanone	ND	---	0.669	mg/kg dry	50	05/21/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0669	mg/kg dry	50	05/21/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0669	mg/kg dry	50	05/21/19	5035A/8260C	
Methylene chloride	ND	---	0.334	mg/kg dry	50	05/21/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.669	mg/kg dry	50	05/21/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0669	mg/kg dry	50	05/21/19	5035A/8260C	
Naphthalene	ND	---	0.134	mg/kg dry	50	05/21/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0334	mg/kg dry	50	05/21/19	5035A/8260C	
Styrene	ND	---	0.0669	mg/kg dry	50	05/21/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.134	mg/kg dry	50	05/21/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0669	mg/kg dry	50	05/21/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0334	mg/kg dry	50	05/21/19	5035A/8260C	
Toluene	ND	---	0.0669	mg/kg dry	50	05/21/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.334	mg/kg dry	50	05/21/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.334	mg/kg dry	50	05/21/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0334	mg/kg dry	50	05/21/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0334	mg/kg dry	50	05/21/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0334	mg/kg dry	50	05/21/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.134	mg/kg dry	50	05/21/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0669	mg/kg dry	50	05/21/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0669	mg/kg dry	50	05/21/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0669	mg/kg dry	50	05/21/19	5035A/8260C	
Vinyl chloride	ND	---	0.0334	mg/kg dry	50	05/21/19	5035A/8260C	
m,p-Xylene	ND	---	0.0669	mg/kg dry	50	05/21/19	5035A/8260C	
o-Xylene	ND	---	0.0334	mg/kg dry	50	05/21/19	5035A/8260C	

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0515 - 05 31 19 1718**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
HA-1(2-2.5) (A9E0515-01)				**Matrix: Soil**		**Batch: 9051092**		
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*100 %*	*Limits: 80-120 %*	*1*	*05/21/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*98 %*	*80-120 %*	*1*	*05/21/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*105 %*	*80-120 %*	*1*	*05/21/19*	*5035A/8260C*	
HA-1(12-12.5) (A9E0515-05)				**Matrix: Soil**		**Batch: 9051092**		
Acetone	ND	---	1.37	mg/kg dry	50	05/21/19	5035A/8260C	
Acrylonitrile	ND	---	0.137	mg/kg dry	50	05/21/19	5035A/8260C	
Benzene	ND	---	0.0137	mg/kg dry	50	05/21/19	5035A/8260C	
Bromobenzene	ND	---	0.0343	mg/kg dry	50	05/21/19	5035A/8260C	
Bromochloromethane	ND	---	0.0687	mg/kg dry	50	05/21/19	5035A/8260C	
Bromodichloromethane	ND	---	0.137	mg/kg dry	50	05/21/19	5035A/8260C	
Bromoform	ND	---	0.275	mg/kg dry	50	05/21/19	5035A/8260C	
Bromomethane	ND	---	0.687	mg/kg dry	50	05/21/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.687	mg/kg dry	50	05/21/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0687	mg/kg dry	50	05/21/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0687	mg/kg dry	50	05/21/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0687	mg/kg dry	50	05/21/19	5035A/8260C	
Carbon disulfide	ND	---	0.687	mg/kg dry	50	05/21/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.137	mg/kg dry	50	05/21/19	5035A/8260C	
Chlorobenzene	ND	---	0.0343	mg/kg dry	50	05/21/19	5035A/8260C	
Chloroethane	ND	---	0.687	mg/kg dry	50	05/21/19	5035A/8260C	
Chloroform	ND	---	0.0687	mg/kg dry	50	05/21/19	5035A/8260C	
Chloromethane	ND	---	0.343	mg/kg dry	50	05/21/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0687	mg/kg dry	50	05/21/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0687	mg/kg dry	50	05/21/19	5035A/8260C	
Dibromochloromethane	ND	---	0.137	mg/kg dry	50	05/21/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.343	mg/kg dry	50	05/21/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0687	mg/kg dry	50	05/21/19	5035A/8260C	
Dibromomethane	ND	---	0.0687	mg/kg dry	50	05/21/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0343	mg/kg dry	50	05/21/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0343	mg/kg dry	50	05/21/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0343	mg/kg dry	50	05/21/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.137	mg/kg dry	50	05/21/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0343	mg/kg dry	50	05/21/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0515 - 05 31 19 1718**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
HA-1(12-12.5) (A9E0515-05)				**Matrix: Soil**			**Batch: 9051092**	
1,2-Dichloroethane (EDC)	ND	---	0.0343	mg/kg dry	50	05/21/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0343	mg/kg dry	50	05/21/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0343	mg/kg dry	50	05/21/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0343	mg/kg dry	50	05/21/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0343	mg/kg dry	50	05/21/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0687	mg/kg dry	50	05/21/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0687	mg/kg dry	50	05/21/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0687	mg/kg dry	50	05/21/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0687	mg/kg dry	50	05/21/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0687	mg/kg dry	50	05/21/19	5035A/8260C	
Ethylbenzene	ND	---	0.0343	mg/kg dry	50	05/21/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.137	mg/kg dry	50	05/21/19	5035A/8260C	
2-Hexanone	ND	---	0.687	mg/kg dry	50	05/21/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0687	mg/kg dry	50	05/21/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0687	mg/kg dry	50	05/21/19	5035A/8260C	
Methylene chloride	ND	---	0.343	mg/kg dry	50	05/21/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.687	mg/kg dry	50	05/21/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0687	mg/kg dry	50	05/21/19	5035A/8260C	
Naphthalene	ND	---	0.137	mg/kg dry	50	05/21/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0343	mg/kg dry	50	05/21/19	5035A/8260C	
Styrene	ND	---	0.0687	mg/kg dry	50	05/21/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.137	mg/kg dry	50	05/21/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0687	mg/kg dry	50	05/21/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0343	mg/kg dry	50	05/21/19	5035A/8260C	
Toluene	ND	---	0.0687	mg/kg dry	50	05/21/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.343	mg/kg dry	50	05/21/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.343	mg/kg dry	50	05/21/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0343	mg/kg dry	50	05/21/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0343	mg/kg dry	50	05/21/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0343	mg/kg dry	50	05/21/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.137	mg/kg dry	50	05/21/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0687	mg/kg dry	50	05/21/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0687	mg/kg dry	50	05/21/19	5035A/8260C	

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Philip Nerenberg, Lab Director

Apex Laboratories, LLC
6700 S.W. Sandburg Street
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503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0515 - 05 31 19 1718**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
HA-1(12-12.5) (A9E0515-05)				**Matrix: Soil**			**Batch: 9051092**	
1,3,5-Trimethylbenzene	ND	---	0.0687	mg/kg dry	50	05/21/19	5035A/8260C	
Vinyl chloride	ND	---	0.0343	mg/kg dry	50	05/21/19	5035A/8260C	
m,p-Xylene	ND	---	0.0687	mg/kg dry	50	05/21/19	5035A/8260C	
o-Xylene	ND	---	0.0343	mg/kg dry	50	05/21/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*101 %*	*Limits: 80-120 %*	*1*	*05/21/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*99 %*	*80-120 %*	*1*	*05/21/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*105 %*	*80-120 %*	*1*	*05/21/19*	*5035A/8260C*	
HA-1(15-15.5) (A9E0515-06)				**Matrix: Soil**			**Batch: 9051092**	
Acetone	ND	---	1.37	mg/kg dry	50	05/21/19	5035A/8260C	
Acrylonitrile	ND	---	0.137	mg/kg dry	50	05/21/19	5035A/8260C	
Benzene	ND	---	0.0137	mg/kg dry	50	05/21/19	5035A/8260C	
Bromobenzene	ND	---	0.0341	mg/kg dry	50	05/21/19	5035A/8260C	
Bromochloromethane	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
Bromodichloromethane	ND	---	0.137	mg/kg dry	50	05/21/19	5035A/8260C	
Bromoform	ND	---	0.273	mg/kg dry	50	05/21/19	5035A/8260C	
Bromomethane	ND	---	0.683	mg/kg dry	50	05/21/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.683	mg/kg dry	50	05/21/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
Carbon disulfide	ND	---	0.683	mg/kg dry	50	05/21/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.137	mg/kg dry	50	05/21/19	5035A/8260C	
Chlorobenzene	ND	---	0.0341	mg/kg dry	50	05/21/19	5035A/8260C	
Chloroethane	ND	---	0.683	mg/kg dry	50	05/21/19	5035A/8260C	
Chloroform	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
Chloromethane	ND	---	0.341	mg/kg dry	50	05/21/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
Dibromochloromethane	ND	---	0.137	mg/kg dry	50	05/21/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.341	mg/kg dry	50	05/21/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
Dibromomethane	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0341	mg/kg dry	50	05/21/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0515 - 05 31 19 1718**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
HA-1(15-15.5) (A9E0515-06)				**Matrix: Soil**			**Batch: 9051092**	
1,3-Dichlorobenzene	ND	---	0.0341	mg/kg dry	50	05/21/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0341	mg/kg dry	50	05/21/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.137	mg/kg dry	50	05/21/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0341	mg/kg dry	50	05/21/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0341	mg/kg dry	50	05/21/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0341	mg/kg dry	50	05/21/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0341	mg/kg dry	50	05/21/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0341	mg/kg dry	50	05/21/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0341	mg/kg dry	50	05/21/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
Ethylbenzene	ND	---	0.0341	mg/kg dry	50	05/21/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.137	mg/kg dry	50	05/21/19	5035A/8260C	
2-Hexanone	ND	---	0.683	mg/kg dry	50	05/21/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
Methylene chloride	ND	---	0.341	mg/kg dry	50	05/21/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.683	mg/kg dry	50	05/21/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
Naphthalene	ND	---	0.137	mg/kg dry	50	05/21/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0341	mg/kg dry	50	05/21/19	5035A/8260C	
Styrene	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.137	mg/kg dry	50	05/21/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0341	mg/kg dry	50	05/21/19	5035A/8260C	
Toluene	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.341	mg/kg dry	50	05/21/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.341	mg/kg dry	50	05/21/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0341	mg/kg dry	50	05/21/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0341	mg/kg dry	50	05/21/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0515 - 05 31 19 1718**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
HA-1(15-15.5) (A9E0515-06)				**Matrix: Soil**			**Batch: 9051092**	
Trichloroethene (TCE)	ND	---	0.0341	mg/kg dry	50	05/21/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.137	mg/kg dry	50	05/21/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
Vinyl chloride	ND	---	0.0341	mg/kg dry	50	05/21/19	5035A/8260C	
m,p-Xylene	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
o-Xylene	ND	---	0.0341	mg/kg dry	50	05/21/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*100 %*	*Limits: 80-120 %*	*1*	*05/21/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*99 %*	*80-120 %*	*1*	*05/21/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*105 %*	*80-120 %*	*1*	*05/21/19*	*5035A/8260C*	
HA-2(2-2.5) (A9E0515-07)				**Matrix: Soil**			**Batch: 9051092**	
Acetone	ND	---	1.37	mg/kg dry	50	05/21/19	5035A/8260C	
Acrylonitrile	ND	---	0.137	mg/kg dry	50	05/21/19	5035A/8260C	
Benzene	ND	---	0.0137	mg/kg dry	50	05/21/19	5035A/8260C	
Bromobenzene	ND	---	0.0342	mg/kg dry	50	05/21/19	5035A/8260C	
Bromochloromethane	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
Bromodichloromethane	ND	---	0.137	mg/kg dry	50	05/21/19	5035A/8260C	
Bromoform	ND	---	0.273	mg/kg dry	50	05/21/19	5035A/8260C	
Bromomethane	ND	---	0.683	mg/kg dry	50	05/21/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.683	mg/kg dry	50	05/21/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
Carbon disulfide	ND	---	0.683	mg/kg dry	50	05/21/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.137	mg/kg dry	50	05/21/19	5035A/8260C	
Chlorobenzene	ND	---	0.0342	mg/kg dry	50	05/21/19	5035A/8260C	
Chloroethane	ND	---	0.683	mg/kg dry	50	05/21/19	5035A/8260C	
Chloroform	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
Chloromethane	ND	---	0.342	mg/kg dry	50	05/21/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
Dibromochloromethane	ND	---	0.137	mg/kg dry	50	05/21/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0515 - 05 31 19 1718**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
HA-2(2-2.5) (A9E0515-07)				**Matrix: Soil**			**Batch: 9051092**	
1,2-Dibromo-3-chloropropane	ND	---	0.342	mg/kg dry	50	05/21/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
Dibromomethane	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0342	mg/kg dry	50	05/21/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0342	mg/kg dry	50	05/21/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0342	mg/kg dry	50	05/21/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.137	mg/kg dry	50	05/21/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0342	mg/kg dry	50	05/21/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0342	mg/kg dry	50	05/21/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0342	mg/kg dry	50	05/21/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0342	mg/kg dry	50	05/21/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0342	mg/kg dry	50	05/21/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0342	mg/kg dry	50	05/21/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
Ethylbenzene	ND	---	0.0342	mg/kg dry	50	05/21/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.137	mg/kg dry	50	05/21/19	5035A/8260C	
2-Hexanone	ND	---	0.683	mg/kg dry	50	05/21/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
Methylene chloride	ND	---	0.342	mg/kg dry	50	05/21/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.683	mg/kg dry	50	05/21/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
Naphthalene	ND	---	0.137	mg/kg dry	50	05/21/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0342	mg/kg dry	50	05/21/19	5035A/8260C	
Styrene	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.137	mg/kg dry	50	05/21/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0342	mg/kg dry	50	05/21/19	5035A/8260C	
Toluene	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0515 - 05 31 19 1718**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
HA-2(2-2.5) (A9E0515-07)				**Matrix: Soil**			**Batch: 9051092**	
1,2,3-Trichlorobenzene	ND	---	0.342	mg/kg dry	50	05/21/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.342	mg/kg dry	50	05/21/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0342	mg/kg dry	50	05/21/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0342	mg/kg dry	50	05/21/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0342	mg/kg dry	50	05/21/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.137	mg/kg dry	50	05/21/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
Vinyl chloride	ND	---	0.0342	mg/kg dry	50	05/21/19	5035A/8260C	
m,p-Xylene	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
o-Xylene	ND	---	0.0342	mg/kg dry	50	05/21/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*102 %*	*Limits: 80-120 %*	*1*	*05/21/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*96 %*	*80-120 %*	*1*	*05/21/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*106 %*	*80-120 %*	*1*	*05/21/19*	*5035A/8260C*	

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Philip Nerenberg, Lab Director

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0515 - 05 31 19 1718**

ANALYTICAL SAMPLE RESULTS

Polychlorinated Biphenyls by EPA 8082A

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
HA-1(2-2.5) (A9E0515-01)				**Matrix: Soil**			**Batch: 9051199**	**C-07**
Aroclor 1016	ND	---	0.0117	mg/kg dry	1	05/23/19	EPA 8082A	
Aroclor 1221	ND	---	0.0117	mg/kg dry	1	05/23/19	EPA 8082A	
Aroclor 1232	ND	---	0.0117	mg/kg dry	1	05/23/19	EPA 8082A	
Aroclor 1242	ND	---	0.0117	mg/kg dry	1	05/23/19	EPA 8082A	
Aroclor 1248	ND	---	0.0117	mg/kg dry	1	05/23/19	EPA 8082A	
Aroclor 1254	ND	---	0.0117	mg/kg dry	1	05/23/19	EPA 8082A	
Aroclor 1260	ND	---	0.0117	mg/kg dry	1	05/23/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 85 %*		*Limits: 60-125 %*	*1*	*05/23/19*	*EPA 8082A*	
HA-1(12-12.5) (A9E0515-05)				**Matrix: Soil**			**Batch: 9051199**	**C-07**
Aroclor 1016	ND	---	0.0124	mg/kg dry	1	05/23/19	EPA 8082A	
Aroclor 1221	ND	---	0.0124	mg/kg dry	1	05/23/19	EPA 8082A	
Aroclor 1232	ND	---	0.0124	mg/kg dry	1	05/23/19	EPA 8082A	
Aroclor 1242	ND	---	0.0124	mg/kg dry	1	05/23/19	EPA 8082A	
Aroclor 1248	ND	---	0.0124	mg/kg dry	1	05/23/19	EPA 8082A	
Aroclor 1254	ND	---	0.0124	mg/kg dry	1	05/23/19	EPA 8082A	
Aroclor 1260	ND	---	0.0124	mg/kg dry	1	05/23/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 86 %*		*Limits: 60-125 %*	*1*	*05/23/19*	*EPA 8082A*	
HA-1(15-15.5) (A9E0515-06)				**Matrix: Soil**			**Batch: 9051199**	**C-07**
Aroclor 1016	ND	---	0.0118	mg/kg dry	1	05/23/19	EPA 8082A	
Aroclor 1221	ND	---	0.0118	mg/kg dry	1	05/23/19	EPA 8082A	
Aroclor 1232	ND	---	0.0118	mg/kg dry	1	05/23/19	EPA 8082A	
Aroclor 1242	ND	---	0.0118	mg/kg dry	1	05/23/19	EPA 8082A	
Aroclor 1248	ND	---	0.0118	mg/kg dry	1	05/23/19	EPA 8082A	
Aroclor 1254	ND	---	0.0118	mg/kg dry	1	05/23/19	EPA 8082A	
Aroclor 1260	ND	---	0.0118	mg/kg dry	1	05/23/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 86 %*		*Limits: 60-125 %*	*1*	*05/23/19*	*EPA 8082A*	
HA-2(2-2.5) (A9E0515-07)				**Matrix: Soil**			**Batch: 9051199**	**C-07**
Aroclor 1016	ND	---	0.0113	mg/kg dry	1	05/23/19	EPA 8082A	
Aroclor 1221	ND	---	0.0113	mg/kg dry	1	05/23/19	EPA 8082A	
Aroclor 1232	ND	---	0.0113	mg/kg dry	1	05/23/19	EPA 8082A	

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GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0515 - 05 31 19 1718**

ANALYTICAL SAMPLE RESULTS

Polychlorinated Biphenyls by EPA 8082A

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
HA-2(2-2.5) (A9E0515-07)				**Matrix: Soil**			**Batch: 9051199**	**C-07**
Aroclor 1242	ND	---	0.0113	mg/kg dry	1	05/23/19	EPA 8082A	
Aroclor 1248	ND	---	0.0113	mg/kg dry	1	05/23/19	EPA 8082A	
Aroclor 1254	ND	---	0.0113	mg/kg dry	1	05/23/19	EPA 8082A	
Aroclor 1260	ND	---	0.0113	mg/kg dry	1	05/23/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 84 %*		*Limits: 60-125 %*	*1*	*05/23/19*	*EPA 8082A*	

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Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0515 - 05 31 19 1718**

ANALYTICAL SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
HA-1(2-2.5) (A9E0515-01)				**Matrix: Soil**		**Batch: 9051116**		
Acenaphthene	ND	---	0.0101	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.0101	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.0101	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.0101	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.0101	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	**0.0109**	---	0.0101	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	**M-05**
Benzo(k)fluoranthene	ND	---	0.0101	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.0101	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.0101	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.0101	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.0101	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.0101	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.0101	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.0101	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.0101	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.0101	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.0101	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.0101	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Pyrene	**0.0120**	---	0.0101	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*65 %*	*Limits:* *44-120 %*	*1*	*05/22/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*66 %*	*54-127 %*	*1*	*05/22/19*	*EPA 8270D (SIM)*	
HA-1(12-12.5) (A9E0515-05)				**Matrix: Soil**		**Batch: 9051116**		
Acenaphthene	ND	---	0.0118	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.0118	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.0118	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.0118	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.0118	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.0118	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.0118	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.0118	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.0118	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.0118	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0515 - 05 31 19 1718**

ANALYTICAL SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
HA-1(12-12.5) (A9E0515-05)				**Matrix: Soil**			**Batch: 9051116**	
Dibenzofuran	ND	---	0.0118	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.0118	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.0118	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.0118	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.0118	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.0118	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.0118	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.0118	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.0118	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*69 %*	*Limits: 44-120 %*	*1*	*05/22/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*70 %*	*54-127 %*	*1*	*05/22/19*	*EPA 8270D (SIM)*	
HA-1(15-15.5) (A9E0515-06)				**Matrix: Soil**			**Batch: 9051116**	
Acenaphthene	ND	---	0.0103	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.0103	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.0103	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.0103	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.0103	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.0103	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.0103	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.0103	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.0103	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.0103	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.0103	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.0103	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.0103	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.0103	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.0103	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.0103	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.0103	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.0103	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.0103	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*76 %*	*Limits: 44-120 %*	*1*	*05/22/19*	*EPA 8270D (SIM)*	

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0515 - 05 31 19 1718**

ANALYTICAL SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
HA-1(15-15.5) (A9E0515-06)				**Matrix: Soil**			**Batch: 9051116**	
Surrogate: p-Terphenyl-d14 (Surr)			*Recovery: 70 %*	*Limits: 54-127 %*	*1*	*05/22/19*	*EPA 8270D (SIM)*	
HA-2(2-2.5) (A9E0515-07)				**Matrix: Soil**			**Batch: 9051116**	
Acenaphthene	ND	---	0.0110	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.0110	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.0110	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.0110	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.0110	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.0110	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.0110	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.0110	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.0110	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.0110	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.0110	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.0110	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.0110	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.0110	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.0110	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.0110	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.0110	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.0110	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.0110	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)			*Recovery: 57 %*	*Limits: 44-120 %*	*1*	*05/22/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*66 %*	*54-127 %*	*1*	*05/22/19*	*EPA 8270D (SIM)*	

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Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0515 - 05 31 19 1718**

ANALYTICAL SAMPLE RESULTS

Total Metals by EPA 6020A (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
HA-1(2-2.5) (A9E0515-01)				**Matrix: Soil**				
Batch: 9051247								
Barium	**121**	---	1.25	mg/kg dry	10	05/24/19	EPA 6020A	
Cadmium	**0.318**	---	0.251	mg/kg dry	10	05/24/19	EPA 6020A	
Lead	**21.7**	---	0.251	mg/kg dry	10	05/24/19	EPA 6020A	
Mercury	ND	---	0.100	mg/kg dry	10	05/24/19	EPA 6020A	
Selenium	ND	---	1.25	mg/kg dry	10	05/24/19	EPA 6020A	
Silver	ND	---	0.251	mg/kg dry	10	05/24/19	EPA 6020A	
HA-1(2-2.5) (A9E0515-01RE1)				**Matrix: Soil**				
Batch: 9051247								
Arsenic	**10.3**	---	1.25	mg/kg dry	10	05/28/19	EPA 6020A	
Chromium	**22.5**	---	1.25	mg/kg dry	10	05/28/19	EPA 6020A	
HA-1(12-12.5) (A9E0515-05)				**Matrix: Soil**				
Batch: 9051247								
Barium	**200**	---	1.27	mg/kg dry	10	05/24/19	EPA 6020A	
Cadmium	**0.521**	---	0.254	mg/kg dry	10	05/24/19	EPA 6020A	
Lead	**11.1**	---	0.254	mg/kg dry	10	05/24/19	EPA 6020A	
Mercury	ND	---	0.101	mg/kg dry	10	05/24/19	EPA 6020A	
Selenium	ND	---	1.27	mg/kg dry	10	05/24/19	EPA 6020A	
Silver	ND	---	0.254	mg/kg dry	10	05/24/19	EPA 6020A	
HA-1(12-12.5) (A9E0515-05RE1)				**Matrix: Soil**				
Batch: 9051247								
Arsenic	**8.87**	---	1.27	mg/kg dry	10	05/28/19	EPA 6020A	
Chromium	**26.8**	---	1.27	mg/kg dry	10	05/28/19	EPA 6020A	
HA-1(15-15.5) (A9E0515-06)				**Matrix: Soil**				
Batch: 9051247								
Barium	**153**	---	1.31	mg/kg dry	10	05/24/19	EPA 6020A	
Cadmium	**0.612**	---	0.263	mg/kg dry	10	05/24/19	EPA 6020A	
Lead	**9.54**	---	0.263	mg/kg dry	10	05/24/19	EPA 6020A	
Mercury	ND	---	0.105	mg/kg dry	10	05/24/19	EPA 6020A	
Selenium	ND	---	1.31	mg/kg dry	10	05/24/19	EPA 6020A	
Silver	ND	---	0.263	mg/kg dry	10	05/24/19	EPA 6020A	

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0515 - 05 31 19 1718**

ANALYTICAL SAMPLE RESULTS

Total Metals by EPA 6020A (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
HA-1(15-15.5) (A9E0515-06RE1)				**Matrix: Soil**				
Batch: 9051247								
Arsenic	**6.21**	---	1.31	mg/kg dry	10	05/28/19	EPA 6020A	
Chromium	**17.3**	---	1.31	mg/kg dry	10	05/28/19	EPA 6020A	
HA-2(2-2.5) (A9E0515-07)				**Matrix: Soil**				
Batch: 9051247								
Barium	**144**	---	1.26	mg/kg dry	10	05/24/19	EPA 6020A	
Cadmium	**0.628**	---	0.251	mg/kg dry	10	05/24/19	EPA 6020A	
Lead	**8.06**	---	0.251	mg/kg dry	10	05/24/19	EPA 6020A	
Mercury	ND	---	0.100	mg/kg dry	10	05/24/19	EPA 6020A	
Selenium	ND	---	1.26	mg/kg dry	10	05/24/19	EPA 6020A	
Silver	ND	---	0.251	mg/kg dry	10	05/24/19	EPA 6020A	
HA-2(2-2.5) (A9E0515-07RE1)				**Matrix: Soil**				
Batch: 9051247								
Arsenic	**4.32**	---	1.26	mg/kg dry	10	05/28/19	EPA 6020A	
Chromium	**11.9**	---	1.26	mg/kg dry	10	05/28/19	EPA 6020A	

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0515 - 05 31 19 1718**

ANALYTICAL SAMPLE RESULTS

Percent Dry Weight

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
HA-1(2-2.5) (A9E0515-01)				**Matrix: Soil**			**Batch: 9051028**	
% Solids	**84.2**	---	1.00	% by Weight	1	05/21/19	EPA 8000C	
HA-1(12-12.5) (A9E0515-05)				**Matrix: Soil**			**Batch: 9051028**	
% Solids	**80.5**	---	1.00	% by Weight	1	05/21/19	EPA 8000C	
HA-1(15-15.5) (A9E0515-06)				**Matrix: Soil**			**Batch: 9051028**	
% Solids	**83.8**	---	1.00	% by Weight	1	05/21/19	EPA 8000C	
HA-2(2-2.5) (A9E0515-07)				**Matrix: Soil**			**Batch: 9051028**	
% Solids	**86.5**	---	1.00	% by Weight	1	05/21/19	EPA 8000C	

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0515 - 05 31 19 1718**

QUALITY CONTROL (QC) SAMPLE RESULTS

Hydrocarbon Identification Screen by NWTPH-HCID

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051061 - NWTPH-HCID (Soil)							Soil					
Blank (9051061-BLK1)			Prepared: 05/20/19 14:50 Analyzed: 05/21/19 00:07									
NWTPH-HCID												
Gasoline Range Organics	ND	---	18.2	mg/kg wet	1	---	---	---	---	---	---	
Diesel Range Organics	ND	---	45.5	mg/kg wet	1	---	---	---	---	---	---	
Oil Range Organics	ND	---	90.9	mg/kg wet	1	---	---	---	---	---	---	
Surr: o-Terphenyl (Surr)		*Recovery:*	*100 %*	*Limits:*	*50-150 %*		*Dilution:*	*1x*				
4-Bromofluorobenzene (Surr)			*98 %*		*50-150 %*			*"*				
Duplicate (9051061-DUP1)			Prepared: 05/20/19 14:50 Analyzed: 05/21/19 00:52									
QC Source Sample: HA-1(15-15.5) (A9E0515-06)												
NWTPH-HCID												
Gasoline Range Organics	ND	---	22.6	mg/kg dry	1	---	ND	---	---	---	30%	
Diesel Range Organics	ND	---	56.6	mg/kg dry	1	---	ND	---	---	---	30%	
Oil Range Organics	ND	---	113	mg/kg dry	1	---	ND	---	---	---	30%	
Surr: o-Terphenyl (Surr)		*Recovery:*	*89 %*	*Limits:*	*50-150 %*		*Dilution:*	*1x*				
4-Bromofluorobenzene (Surr)			*87 %*		*50-150 %*			*"*				

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QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051092 - EPA 5035A							Soil					
Blank (9051092-BLK1)			Prepared: 05/21/19 11:00 Analyzed: 05/21/19 12:43									
5035A/8260C												
Acetone	ND	---	0.667	mg/kg wet	50	---	---	---	---	---	---	
Acrylonitrile	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
Benzene	ND	---	0.00667	mg/kg wet	50	---	---	---	---	---	---	
Bromobenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Bromochloromethane	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Bromodichloromethane	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
Bromoform	ND	---	0.133	mg/kg wet	50	---	---	---	---	---	---	
Bromomethane	ND	---	0.333	mg/kg wet	50	---	---	---	---	---	---	
2-Butanone (MEK)	ND	---	0.333	mg/kg wet	50	---	---	---	---	---	---	
n-Butylbenzene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
sec-Butylbenzene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
tert-Butylbenzene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Carbon disulfide	ND	---	0.333	mg/kg wet	50	---	---	---	---	---	---	
Carbon tetrachloride	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
Chlorobenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Chloroethane	ND	---	0.333	mg/kg wet	50	---	---	---	---	---	---	
Chloroform	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Chloromethane	ND	---	0.167	mg/kg wet	50	---	---	---	---	---	---	
2-Chlorotoluene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
4-Chlorotoluene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Dibromochloromethane	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
1,2-Dibromo-3-chloropropane	ND	---	0.167	mg/kg wet	50	---	---	---	---	---	---	
1,2-Dibromoethane (EDB)	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Dibromomethane	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
1,2-Dichlorobenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
1,3-Dichlorobenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
1,4-Dichlorobenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Dichlorodifluoromethane	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
1,1-Dichloroethane	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
1,2-Dichloroethane (EDC)	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
1,1-Dichloroethene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
cis-1,2-Dichloroethene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
trans-1,2-Dichloroethene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	

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GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	A9E0515 - 05 31 19 1718

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051092 - EPA 5035A							**Soil**					
Blank (9051092-BLK1)			Prepared: 05/21/19 11:00 Analyzed: 05/21/19 12:43									
1,2-Dichloropropane	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
1,3-Dichloropropane	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
2,2-Dichloropropane	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
1,1-Dichloropropene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
cis-1,3-Dichloropropene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
trans-1,3-Dichloropropene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Ethylbenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Hexachlorobutadiene	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
2-Hexanone	ND	---	0.333	mg/kg wet	50	---	---	---	---	---	---	
Isopropylbenzene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
4-Isopropyltoluene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Methylene chloride	ND	---	0.167	mg/kg wet	50	---	---	---	---	---	---	
4-Methyl-2-pentanone (MiBK)	ND	---	0.333	mg/kg wet	50	---	---	---	---	---	---	
Methyl tert-butyl ether (MTBE)	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Naphthalene	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
n-Propylbenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Styrene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
1,1,1,2-Tetrachloroethane	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
1,1,2,2-Tetrachloroethane	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Tetrachloroethene (PCE)	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Toluene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
1,2,3-Trichlorobenzene	ND	---	0.167	mg/kg wet	50	---	---	---	---	---	---	
1,2,4-Trichlorobenzene	ND	---	0.167	mg/kg wet	50	---	---	---	---	---	---	
1,1,1-Trichloroethane	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
1,1,2-Trichloroethane	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Trichloroethene (TCE)	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Trichlorofluoromethane	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
1,2,3-Trichloropropane	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
1,2,4-Trimethylbenzene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
1,3,5-Trimethylbenzene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Vinyl chloride	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
m,p-Xylene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
o-Xylene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	

Surr: 1,4-Difluorobenzene (Surr) *Recovery: 105 %* *Limits: 80-120 %* *Dilution: 1x*

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0515 - 05 31 19 1718**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051092 - EPA 5035A							**Soil**					
Blank (9051092-BLK1)				Prepared: 05/21/19 11:00 Analyzed: 05/21/19 12:43								
Surr: Toluene-d8 (Surr)			*Recovery: 94 %*	*Limits: 80-120 %*				*Dilution: 1x*				
4-Bromofluorobenzene (Surr)			*107 %*	*80-120 %*				*"*				
LCS (9051092-BS1)				Prepared: 05/21/19 11:00 Analyzed: 05/21/19 11:49								
5035A/8260C												
Acetone	1.80	---	1.00	mg/kg wet	50	2.00	---	90	80-120%	---	---	
Acrylonitrile	1.01	---	0.100	mg/kg wet	50	1.00	---	101	80-120%	---	---	
Benzene	0.978	---	0.0100	mg/kg wet	50	1.00	---	98	80-120%	---	---	
Bromobenzene	1.06	---	0.0250	mg/kg wet	50	1.00	---	106	80-120%	---	---	
Bromochloromethane	1.02	---	0.0500	mg/kg wet	50	1.00	---	102	80-120%	---	---	
Bromodichloromethane	1.05	---	0.100	mg/kg wet	50	1.00	---	105	80-120%	---	---	
Bromoform	1.29	---	0.200	mg/kg wet	50	1.00	---	**129**	**80-120%**	---	---	Q-56
Bromomethane	1.12	---	0.500	mg/kg wet	50	1.00	---	112	80-120%	---	---	
2-Butanone (MEK)	1.93	---	0.500	mg/kg wet	50	2.00	---	97	80-120%	---	---	
n-Butylbenzene	1.13	---	0.0500	mg/kg wet	50	1.00	---	113	80-120%	---	---	
sec-Butylbenzene	1.14	---	0.0500	mg/kg wet	50	1.00	---	114	80-120%	---	---	
tert-Butylbenzene	1.12	---	0.0500	mg/kg wet	50	1.00	---	112	80-120%	---	---	
Carbon disulfide	0.966	---	0.500	mg/kg wet	50	1.00	---	97	80-120%	---	---	
Carbon tetrachloride	1.23	---	0.100	mg/kg wet	50	1.00	---	**123**	**80-120%**	---	---	Q-56
Chlorobenzene	0.957	---	0.0250	mg/kg wet	50	1.00	---	96	80-120%	---	---	
Chloroethane	0.836	---	0.500	mg/kg wet	50	1.00	---	84	80-120%	---	---	
Chloroform	0.999	---	0.0500	mg/kg wet	50	1.00	---	100	80-120%	---	---	
Chloromethane	1.02	---	0.250	mg/kg wet	50	1.00	---	102	80-120%	---	---	
2-Chlorotoluene	1.10	---	0.0500	mg/kg wet	50	1.00	---	110	80-120%	---	---	
4-Chlorotoluene	1.12	---	0.0500	mg/kg wet	50	1.00	---	112	80-120%	---	---	
Dibromochloromethane	1.08	---	0.100	mg/kg wet	50	1.00	---	108	80-120%	---	---	
1,2-Dibromo-3-chloropropane	1.06	---	0.250	mg/kg wet	50	1.00	---	106	80-120%	---	---	
1,2-Dibromoethane (EDB)	0.976	---	0.0500	mg/kg wet	50	1.00	---	98	80-120%	---	---	
Dibromomethane	1.02	---	0.0500	mg/kg wet	50	1.00	---	102	80-120%	---	---	
1,2-Dichlorobenzene	1.03	---	0.0250	mg/kg wet	50	1.00	---	103	80-120%	---	---	
1,3-Dichlorobenzene	1.04	---	0.0250	mg/kg wet	50	1.00	---	104	80-120%	---	---	
1,4-Dichlorobenzene	0.978	---	0.0250	mg/kg wet	50	1.00	---	98	80-120%	---	---	
Dichlorodifluoromethane	1.22	---	0.100	mg/kg wet	50	1.00	---	**122**	**80-120%**	---	---	Q-56
1,1-Dichloroethane	0.899	---	0.0250	mg/kg wet	50	1.00	---	90	80-120%	---	---	

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Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0515 - 05 31 19 1718**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051092 - EPA 5035A							**Soil**					
LCS (9051092-BS1)			Prepared: 05/21/19 11:00 Analyzed: 05/21/19 11:49									
1,2-Dichloroethane (EDC)	0.927	---	0.0250	mg/kg wet	50	1.00	---	93	80-120%	---	---	
1,1-Dichloroethene	0.810	---	0.0250	mg/kg wet	50	1.00	---	81	80-120%	---	---	
cis-1,2-Dichloroethene	0.999	---	0.0250	mg/kg wet	50	1.00	---	100	80-120%	---	---	
trans-1,2-Dichloroethene	0.885	---	0.0250	mg/kg wet	50	1.00	---	89	80-120%	---	---	
1,2-Dichloropropane	1.00	---	0.0250	mg/kg wet	50	1.00	---	100	80-120%	---	---	
1,3-Dichloropropane	0.995	---	0.0500	mg/kg wet	50	1.00	---	99	80-120%	---	---	
2,2-Dichloropropane	1.25	---	0.0500	mg/kg wet	50	1.00	---	**125**	**80-120%**	---	---	Q-56
1,1-Dichloropropene	1.01	---	0.0500	mg/kg wet	50	1.00	---	101	80-120%	---	---	
cis-1,3-Dichloropropene	0.966	---	0.0500	mg/kg wet	50	1.00	---	97	80-120%	---	---	
trans-1,3-Dichloropropene	1.01	---	0.0500	mg/kg wet	50	1.00	---	101	80-120%	---	---	
Ethylbenzene	0.990	---	0.0250	mg/kg wet	50	1.00	---	99	80-120%	---	---	
Hexachlorobutadiene	1.02	---	0.100	mg/kg wet	50	1.00	---	102	80-120%	---	---	
2-Hexanone	1.89	---	0.500	mg/kg wet	50	2.00	---	94	80-120%	---	---	
Isopropylbenzene	1.12	---	0.0500	mg/kg wet	50	1.00	---	112	80-120%	---	---	
4-Isopropyltoluene	1.10	---	0.0500	mg/kg wet	50	1.00	---	110	80-120%	---	---	
Methylene chloride	0.715	---	0.250	mg/kg wet	50	1.00	---	**71**	**80-120%**	---	---	Q-55
4-Methyl-2-pentanone (MiBK)	1.98	---	0.500	mg/kg wet	50	2.00	---	99	80-120%	---	---	
Methyl tert-butyl ether (MTBE)	0.984	---	0.0500	mg/kg wet	50	1.00	---	98	80-120%	---	---	
Naphthalene	0.917	---	0.100	mg/kg wet	50	1.00	---	92	80-120%	---	---	
n-Propylbenzene	1.12	---	0.0250	mg/kg wet	50	1.00	---	112	80-120%	---	---	
Styrene	0.995	---	0.0500	mg/kg wet	50	1.00	---	100	80-120%	---	---	
1,1,1,2-Tetrachloroethane	1.16	---	0.100	mg/kg wet	50	1.00	---	116	80-120%	---	---	
1,1,2,2-Tetrachloroethane	1.18	---	0.0500	mg/kg wet	50	1.00	---	118	80-120%	---	---	
Tetrachloroethene (PCE)	0.973	---	0.0250	mg/kg wet	50	1.00	---	97	80-120%	---	---	
Toluene	0.911	---	0.0500	mg/kg wet	50	1.00	---	91	80-120%	---	---	
1,2,3-Trichlorobenzene	1.04	---	0.250	mg/kg wet	50	1.00	---	104	80-120%	---	---	
1,2,4-Trichlorobenzene	1.06	---	0.250	mg/kg wet	50	1.00	---	106	80-120%	---	---	
1,1,1-Trichloroethane	1.16	---	0.0250	mg/kg wet	50	1.00	---	116	80-120%	---	---	
1,1,2-Trichloroethane	1.03	---	0.0250	mg/kg wet	50	1.00	---	103	80-120%	---	---	
Trichloroethene (TCE)	0.973	---	0.0250	mg/kg wet	50	1.00	---	97	80-120%	---	---	
Trichlorofluoromethane	0.947	---	0.100	mg/kg wet	50	1.00	---	95	80-120%	---	---	
1,2,3-Trichloropropane	1.06	---	0.0500	mg/kg wet	50	1.00	---	106	80-120%	---	---	
1,2,4-Trimethylbenzene	1.14	---	0.0500	mg/kg wet	50	1.00	---	114	80-120%	---	---	
1,3,5-Trimethylbenzene	1.15	---	0.0500	mg/kg wet	50	1.00	---	115	80-120%	---	---	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0515 - 05 31 19 1718**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051092 - EPA 5035A							**Soil**					
LCS (9051092-BS1)			Prepared: 05/21/19 11:00 Analyzed: 05/21/19 11:49									
Vinyl chloride	1.04	---	0.0250	mg/kg wet	50	1.00	---	104	80-120%	---	---	
m,p-Xylene	2.12	---	0.0500	mg/kg wet	50	2.00	---	106	80-120%	---	---	
o-Xylene	1.07	---	0.0250	mg/kg wet	50	1.00	---	107	80-120%	---	---	
Surr: 1,4-Difluorobenzene (Surr)		*Recovery:*	*100 %*	*Limits:*	*80-120 %*		*Dilution:*	*1x*				
Toluene-d8 (Surr)			*95 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*104 %*		*80-120 %*			*"*				
Duplicate (9051092-DUP1)			Prepared: 05/15/19 10:30 Analyzed: 05/21/19 16:25									
QC Source Sample: HA-1(2-2.5) (A9E0515-01)												
5035A/8260C												
Acetone	ND	---	1.40	mg/kg dry	50	---	ND	---	---	---	30%	
Acrylonitrile	ND	---	0.140	mg/kg dry	50	---	ND	---	---	---	30%	
Benzene	ND	---	0.0140	mg/kg dry	50	---	ND	---	---	---	30%	
Bromobenzene	ND	---	0.0349	mg/kg dry	50	---	ND	---	---	---	30%	
Bromochloromethane	ND	---	0.0698	mg/kg dry	50	---	ND	---	---	---	30%	
Bromodichloromethane	ND	---	0.140	mg/kg dry	50	---	ND	---	---	---	30%	
Bromoform	ND	---	0.279	mg/kg dry	50	---	ND	---	---	---	30%	
Bromomethane	ND	---	0.698	mg/kg dry	50	---	ND	---	---	---	30%	
2-Butanone (MEK)	ND	---	0.698	mg/kg dry	50	---	ND	---	---	---	30%	
n-Butylbenzene	ND	---	0.0698	mg/kg dry	50	---	ND	---	---	---	30%	
sec-Butylbenzene	ND	---	0.0698	mg/kg dry	50	---	ND	---	---	---	30%	
tert-Butylbenzene	ND	---	0.0698	mg/kg dry	50	---	ND	---	---	---	30%	
Carbon disulfide	ND	---	0.698	mg/kg dry	50	---	ND	---	---	---	30%	
Carbon tetrachloride	ND	---	0.140	mg/kg dry	50	---	ND	---	---	---	30%	
Chlorobenzene	ND	---	0.0349	mg/kg dry	50	---	ND	---	---	---	30%	
Chloroethane	ND	---	0.698	mg/kg dry	50	---	ND	---	---	---	30%	
Chloroform	ND	---	0.0698	mg/kg dry	50	---	ND	---	---	---	30%	
Chloromethane	ND	---	0.349	mg/kg dry	50	---	ND	---	---	---	30%	
2-Chlorotoluene	ND	---	0.0698	mg/kg dry	50	---	ND	---	---	---	30%	
4-Chlorotoluene	ND	---	0.0698	mg/kg dry	50	---	ND	---	---	---	30%	
Dibromochloromethane	ND	---	0.140	mg/kg dry	50	---	ND	---	---	---	30%	
1,2-Dibromo-3-chloropropane	ND	---	0.349	mg/kg dry	50	---	ND	---	---	---	30%	
1,2-Dibromoethane (EDB)	ND	---	0.0698	mg/kg dry	50	---	ND	---	---	---	30%	
Dibromomethane	ND	---	0.0698	mg/kg dry	50	---	ND	---	---	---	30%	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0515 - 05 31 19 1718**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051092 - EPA 5035A							**Soil**					
Duplicate (9051092-DUP1)			Prepared: 05/15/19 10:30 Analyzed: 05/21/19 16:25									
QC Source Sample: HA-1(2-2.5) (A9E0515-01)												
1,2-Dichlorobenzene	ND	---	0.0349	mg/kg dry	50	---	ND	---	---	---	30%	
1,3-Dichlorobenzene	ND	---	0.0349	mg/kg dry	50	---	ND	---	---	---	30%	
1,4-Dichlorobenzene	ND	---	0.0349	mg/kg dry	50	---	ND	---	---	---	30%	
Dichlorodifluoromethane	ND	---	0.140	mg/kg dry	50	---	ND	---	---	---	30%	
1,1-Dichloroethane	ND	---	0.0349	mg/kg dry	50	---	ND	---	---	---	30%	
1,2-Dichloroethane (EDC)	ND	---	0.0349	mg/kg dry	50	---	ND	---	---	---	30%	
1,1-Dichloroethene	ND	---	0.0349	mg/kg dry	50	---	ND	---	---	---	30%	
cis-1,2-Dichloroethene	ND	---	0.0349	mg/kg dry	50	---	ND	---	---	---	30%	
trans-1,2-Dichloroethene	ND	---	0.0349	mg/kg dry	50	---	ND	---	---	---	30%	
1,2-Dichloropropane	ND	---	0.0349	mg/kg dry	50	---	ND	---	---	---	30%	
1,3-Dichloropropane	ND	---	0.0698	mg/kg dry	50	---	ND	---	---	---	30%	
2,2-Dichloropropane	ND	---	0.0698	mg/kg dry	50	---	ND	---	---	---	30%	
1,1-Dichloropropene	ND	---	0.0698	mg/kg dry	50	---	ND	---	---	---	30%	
cis-1,3-Dichloropropene	ND	---	0.0698	mg/kg dry	50	---	ND	---	---	---	30%	
trans-1,3-Dichloropropene	ND	---	0.0698	mg/kg dry	50	---	ND	---	---	---	30%	
Ethylbenzene	ND	---	0.0349	mg/kg dry	50	---	ND	---	---	---	30%	
Hexachlorobutadiene	ND	---	0.140	mg/kg dry	50	---	ND	---	---	---	30%	
2-Hexanone	ND	---	0.698	mg/kg dry	50	---	ND	---	---	---	30%	
Isopropylbenzene	ND	---	0.0698	mg/kg dry	50	---	ND	---	---	---	30%	
4-Isopropyltoluene	ND	---	0.0698	mg/kg dry	50	---	ND	---	---	---	30%	
Methylene chloride	ND	---	0.349	mg/kg dry	50	---	ND	---	---	---	30%	
4-Methyl-2-pentanone (MiBK)	ND	---	0.698	mg/kg dry	50	---	ND	---	---	---	30%	
Methyl tert-butyl ether (MTBE)	ND	---	0.0698	mg/kg dry	50	---	ND	---	---	---	30%	
Naphthalene	ND	---	0.140	mg/kg dry	50	---	ND	---	---	---	30%	
n-Propylbenzene	ND	---	0.0349	mg/kg dry	50	---	ND	---	---	---	30%	
Styrene	ND	---	0.0698	mg/kg dry	50	---	ND	---	---	---	30%	
1,1,1,2-Tetrachloroethane	ND	---	0.140	mg/kg dry	50	---	ND	---	---	---	30%	
1,1,2,2-Tetrachloroethane	ND	---	0.0698	mg/kg dry	50	---	ND	---	---	---	30%	
Tetrachloroethene (PCE)	ND	---	0.0349	mg/kg dry	50	---	ND	---	---	---	30%	
Toluene	ND	---	0.0698	mg/kg dry	50	---	ND	---	---	---	30%	
1,2,3-Trichlorobenzene	ND	---	0.349	mg/kg dry	50	---	ND	---	---	---	30%	
1,2,4-Trichlorobenzene	ND	---	0.349	mg/kg dry	50	---	ND	---	---	---	30%	
1,1,1-Trichloroethane	ND	---	0.0349	mg/kg dry	50	---	ND	---	---	---	30%	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0515 - 05 31 19 1718**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051092 - EPA 5035A							**Soil**					
Duplicate (9051092-DUP1)			Prepared: 05/15/19 10:30 Analyzed: 05/21/19 16:25									
QC Source Sample: HA-1(2-2.5) (A9E0515-01)												
1,1,2-Trichloroethane	ND	---	0.0349	mg/kg dry	50	---	ND	---	---	---	30%	
Trichloroethene (TCE)	ND	---	0.0349	mg/kg dry	50	---	ND	---	---	---	30%	
Trichlorofluoromethane	ND	---	0.140	mg/kg dry	50	---	ND	---	---	---	30%	
1,2,3-Trichloropropane	ND	---	0.0698	mg/kg dry	50	---	ND	---	---	---	30%	
1,2,4-Trimethylbenzene	ND	---	0.0698	mg/kg dry	50	---	ND	---	---	---	30%	
1,3,5-Trimethylbenzene	ND	---	0.0698	mg/kg dry	50	---	ND	---	---	---	30%	
Vinyl chloride	ND	---	0.0349	mg/kg dry	50	---	ND	---	---	---	30%	
m,p-Xylene	ND	---	0.0698	mg/kg dry	50	---	ND	---	---	---	30%	
o-Xylene	ND	---	0.0349	mg/kg dry	50	---	ND	---	---	---	30%	
Surr: 1,4-Difluorobenzene (Surr)		*Recovery:*	*100 %*	*Limits:*	*80-120 %*		*Dilution:*	*1x*				
Toluene-d8 (Surr)			*100 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*104 %*		*80-120 %*			*"*				
Matrix Spike (9051092-MS1)			Prepared: 05/15/19 14:15 Analyzed: 05/21/19 18:13									
QC Source Sample: HA-2(2-2.5) (A9E0515-07)												
5035A/8260C												
Acetone	2.87	---	1.37	mg/kg dry	50	2.73	ND	105	36-164%	---	---	
Acrylonitrile	1.43	---	0.137	mg/kg dry	50	1.37	ND	105	65-134%	---	---	
Benzene	1.35	---	0.0137	mg/kg dry	50	1.37	ND	99	77-121%	---	---	
Bromobenzene	1.43	---	0.0342	mg/kg dry	50	1.37	ND	104	78-121%	---	---	
Bromochloromethane	1.51	---	0.0683	mg/kg dry	50	1.37	ND	111	78-125%	---	---	
Bromodichloromethane	1.44	---	0.137	mg/kg dry	50	1.37	ND	105	75-127%	---	---	
Bromoform	1.71	---	0.273	mg/kg dry	50	1.37	ND	125	67-132%	---	---	Q-54c
Bromomethane	1.59	---	0.683	mg/kg dry	50	1.37	ND	116	53-143%	---	---	
2-Butanone (MEK)	2.68	---	0.683	mg/kg dry	50	2.73	ND	98	51-148%	---	---	
n-Butylbenzene	1.44	---	0.0683	mg/kg dry	50	1.37	ND	105	70-128%	---	---	
sec-Butylbenzene	1.48	---	0.0683	mg/kg dry	50	1.37	ND	108	73-126%	---	---	
tert-Butylbenzene	1.46	---	0.0683	mg/kg dry	50	1.37	ND	107	73-125%	---	---	
Carbon disulfide	1.32	---	0.683	mg/kg dry	50	1.37	ND	96	63-132%	---	---	
Carbon tetrachloride	1.64	---	0.137	mg/kg dry	50	1.37	ND	120	70-135%	---	---	Q-54a
Chlorobenzene	1.30	---	0.0342	mg/kg dry	50	1.37	ND	95	79-120%	---	---	
Chloroethane	1.35	---	0.683	mg/kg dry	50	1.37	ND	99	59-139%	---	---	
Chloroform	1.38	---	0.0683	mg/kg dry	50	1.37	ND	101	78-123%	---	---	

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	A9E0515 - 05 31 19 1718

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051092 - EPA 5035A							**Soil**					
Matrix Spike (9051092-MS1)			Prepared: 05/15/19 14:15		Analyzed: 05/21/19 18:13							
QC Source Sample: HA-2(2-2.5) (A9E0515-07)												
Chloromethane	1.49	---	0.342	mg/kg dry	50	1.37	ND	109	50-136%	---	---	
2-Chlorotoluene	1.43	---	0.0683	mg/kg dry	50	1.37	ND	105	75-122%	---	---	
4-Chlorotoluene	1.47	---	0.0683	mg/kg dry	50	1.37	ND	108	72-124%	---	---	
Dibromochloromethane	1.48	---	0.137	mg/kg dry	50	1.37	ND	108	74-126%	---	---	
1,2-Dibromo-3-chloropropane	1.46	---	0.342	mg/kg dry	50	1.37	ND	107	61-132%	---	---	
1,2-Dibromoethane (EDB)	1.37	---	0.0683	mg/kg dry	50	1.37	ND	100	78-122%	---	---	
Dibromomethane	1.45	---	0.0683	mg/kg dry	50	1.37	ND	106	78-125%	---	---	
1,2-Dichlorobenzene	1.39	---	0.0342	mg/kg dry	50	1.37	ND	102	78-121%	---	---	
1,3-Dichlorobenzene	1.38	---	0.0342	mg/kg dry	50	1.37	ND	101	77-121%	---	---	
1,4-Dichlorobenzene	1.31	---	0.0342	mg/kg dry	50	1.37	ND	96	75-120%	---	---	
Dichlorodifluoromethane	1.69	---	0.137	mg/kg dry	50	1.37	ND	124	29-149%	---	---	Q-54
1,1-Dichloroethane	1.27	---	0.0342	mg/kg dry	50	1.37	ND	93	76-125%	---	---	
1,2-Dichloroethane (EDC)	1.32	---	0.0342	mg/kg dry	50	1.37	ND	96	73-128%	---	---	
1,1-Dichloroethene	1.13	---	0.0342	mg/kg dry	50	1.37	ND	83	70-131%	---	---	
cis-1,2-Dichloroethene	1.40	---	0.0342	mg/kg dry	50	1.37	ND	102	77-123%	---	---	
trans-1,2-Dichloroethene	1.23	---	0.0342	mg/kg dry	50	1.37	ND	90	74-125%	---	---	
1,2-Dichloropropane	1.39	---	0.0342	mg/kg dry	50	1.37	ND	102	76-123%	---	---	
1,3-Dichloropropane	1.43	---	0.0683	mg/kg dry	50	1.37	ND	104	77-121%	---	---	
2,2-Dichloropropane	1.52	---	0.0683	mg/kg dry	50	1.37	ND	111	67-133%	---	---	Q-54b
1,1-Dichloropropene	1.37	---	0.0683	mg/kg dry	50	1.37	ND	101	76-125%	---	---	
cis-1,3-Dichloropropene	1.33	---	0.0683	mg/kg dry	50	1.37	ND	97	74-126%	---	---	
trans-1,3-Dichloropropene	1.39	---	0.0683	mg/kg dry	50	1.37	ND	102	71-130%	---	---	
Ethylbenzene	1.34	---	0.0342	mg/kg dry	50	1.37	ND	98	76-122%	---	---	
Hexachlorobutadiene	1.30	---	0.137	mg/kg dry	50	1.37	ND	95	61-135%	---	---	
2-Hexanone	2.66	---	0.683	mg/kg dry	50	2.73	ND	97	53-145%	---	---	
Isopropylbenzene	1.46	---	0.0683	mg/kg dry	50	1.37	ND	107	68-134%	---	---	
4-Isopropyltoluene	1.43	---	0.0683	mg/kg dry	50	1.37	ND	104	73-127%	---	---	
Methylene chloride	1.03	---	0.342	mg/kg dry	50	1.37	ND	76	70-128%	---	---	Q-54d
4-Methyl-2-pentanone (MiBK)	2.84	---	0.683	mg/kg dry	50	2.73	ND	104	65-135%	---	---	
Methyl tert-butyl ether (MTBE)	1.37	---	0.0683	mg/kg dry	50	1.37	ND	100	73-125%	---	---	
Naphthalene	1.27	---	0.137	mg/kg dry	50	1.37	ND	93	62-129%	---	---	
n-Propylbenzene	1.46	---	0.0342	mg/kg dry	50	1.37	ND	107	73-125%	---	---	
Styrene	1.29	---	0.0683	mg/kg dry	50	1.37	ND	94	76-124%	---	---	

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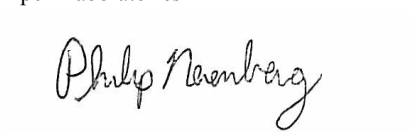

Philip Nerenberg, Lab Director

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GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0515 - 05 31 19 1718**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051092 - EPA 5035A							**Soil**					
Matrix Spike (9051092-MS1)			Prepared: 05/15/19 14:15		Analyzed: 05/21/19 18:13							
QC Source Sample: HA-2(2-2.5) (A9E0515-07)												
1,1,1,2-Tetrachloroethane	1.55	---	0.137	mg/kg dry	50	1.37	ND	113	78-125%	---	---	
1,1,2,2-Tetrachloroethane	1.61	---	0.0683	mg/kg dry	50	1.37	ND	118	70-124%	---	---	
Tetrachloroethene (PCE)	1.34	---	0.0342	mg/kg dry	50	1.37	ND	98	73-128%	---	---	
Toluene	1.29	---	0.0683	mg/kg dry	50	1.37	ND	94	77-121%	---	---	
1,2,3-Trichlorobenzene	1.39	---	0.342	mg/kg dry	50	1.37	ND	102	66-130%	---	---	
1,2,4-Trichlorobenzene	1.41	---	0.342	mg/kg dry	50	1.37	ND	103	67-129%	---	---	
1,1,1-Trichloroethane	1.56	---	0.0342	mg/kg dry	50	1.37	ND	114	73-130%	---	---	
1,1,2-Trichloroethane	1.45	---	0.0342	mg/kg dry	50	1.37	ND	106	78-121%	---	---	
Trichloroethene (TCE)	1.34	---	0.0342	mg/kg dry	50	1.37	ND	98	77-123%	---	---	
Trichlorofluoromethane	1.32	---	0.137	mg/kg dry	50	1.37	ND	96	62-140%	---	---	
1,2,3-Trichloropropane	1.46	---	0.0683	mg/kg dry	50	1.37	ND	107	73-125%	---	---	
1,2,4-Trimethylbenzene	1.50	---	0.0683	mg/kg dry	50	1.37	ND	110	75-123%	---	---	
1,3,5-Trimethylbenzene	1.50	---	0.0683	mg/kg dry	50	1.37	ND	110	73-124%	---	---	
Vinyl chloride	1.46	---	0.0342	mg/kg dry	50	1.37	ND	107	56-135%	---	---	
m,p-Xylene	2.84	---	0.0683	mg/kg dry	50	2.73	ND	104	77-124%	---	---	
o-Xylene	1.40	---	0.0342	mg/kg dry	50	1.37	ND	103	77-123%	---	---	
Surr: 1,4-Difluorobenzene (Surr)			*Recovery: 100 %*		*Limits: 80-120 %*			*Dilution: 1x*				
Toluene-d8 (Surr)			*98 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*101 %*		*80-120 %*			*"*				

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Apex Laboratories, LLC
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Tigard, OR 97223
503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	A9E0515 - 05 31 19 1718

QUALITY CONTROL (QC) SAMPLE RESULTS

Polychlorinated Biphenyls by EPA 8082A

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051199 - EPA 3546							**Soil**					
Blank (9051199-BLK1)			Prepared: 05/23/19 10:23		Analyzed: 05/23/19 16:03							**C-07**
EPA 8082A												
Aroclor 1016	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1221	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1232	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1242	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1248	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1254	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1260	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Surr: Decachlorobiphenyl (Surr)			*Recovery: 94 %*		*Limits: 60-125 %*			*Dilution: 1x*				
LCS (9051199-BS1)			Prepared: 05/23/19 10:23		Analyzed: 05/23/19 16:21							**C-07**
EPA 8082A												
Aroclor 1016	0.171	---	0.0100	mg/kg wet	1	0.250	---	69	47-134%	---	---	
Aroclor 1260	0.204	---	0.0100	mg/kg wet	1	0.250	---	81	53-140%	---	---	
Surr: Decachlorobiphenyl (Surr)			*Recovery: 93 %*		*Limits: 60-125 %*			*Dilution: 1x*				
Duplicate (9051199-DUP1)			Prepared: 05/23/19 10:23		Analyzed: 05/23/19 17:17							**C-07**
QC Source Sample: HA-1(2-2.5) (A9E0515-01)												
EPA 8082A												
Aroclor 1016	ND	---	0.0117	mg/kg dry	1	---	ND	---	---	---	30%	
Aroclor 1221	ND	---	0.0117	mg/kg dry	1	---	ND	---	---	---	30%	
Aroclor 1232	ND	---	0.0117	mg/kg dry	1	---	ND	---	---	---	30%	
Aroclor 1242	ND	---	0.0117	mg/kg dry	1	---	ND	---	---	---	30%	
Aroclor 1248	ND	---	0.0117	mg/kg dry	1	---	ND	---	---	---	30%	
Aroclor 1254	ND	---	0.0117	mg/kg dry	1	---	ND	---	---	---	30%	
Aroclor 1260	ND	---	0.0117	mg/kg dry	1	---	ND	---	---	---	30%	
Surr: Decachlorobiphenyl (Surr)			*Recovery: 86 %*		*Limits: 60-125 %*			*Dilution: 1x*				
Matrix Spike (9051199-MS1)			Prepared: 05/23/19 10:23		Analyzed: 05/24/19 10:40							**C-07**
QC Source Sample: Non-SDG (A9E0710-03)												
EPA 8082A												
Aroclor 1016	0.337	---	0.0117	mg/kg dry	1	0.293	ND	115	47-134%	---	---	
Aroclor 1260	0.234	---	0.0293	mg/kg dry	1	0.293	ND	80	53-140%	---	---	

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GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0515 - 05 31 19 1718**

QUALITY CONTROL (QC) SAMPLE RESULTS

Polychlorinated Biphenyls by EPA 8082A

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051199 - EPA 3546							**Soil**					
Matrix Spike (9051199-MS1)			Prepared: 05/23/19 10:23 Analyzed: 05/24/19 10:40									**C-07**
QC Source Sample: Non-SDG (A9E0710-03)												
Surr: Decachlorobiphenyl (Surr)			*Recovery: 80 %*	*Limits: 60-125 %*			*Dilution: 1x*					

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QUALITY CONTROL (QC) SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051116 - EPA 3546							**Soil**					
Blank (9051116-BLK1)			Prepared: 05/21/19 14:46		Analyzed: 05/22/19 10:03							
EPA 8270D (SIM)												
Acenaphthene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Acenaphthylene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Anthracene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Benz(a)anthracene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Benzo(a)pyrene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Benzo(b)fluoranthene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Benzo(k)fluoranthene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Benzo(g,h,i)perylene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Chrysene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Dibenz(a,h)anthracene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Dibenzofuran	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Fluoranthene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Fluorene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Indeno(1,2,3-cd)pyrene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
1-Methylnaphthalene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
2-Methylnaphthalene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Naphthalene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Phenanthrene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Pyrene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Surr: 2-Fluorobiphenyl (Surr)			*Recovery: 69 %*		*Limits: 44-120 %*			*Dilution: 1x*				
p-Terphenyl-d14 (Surr)			*79 %*		*54-127 %*			*"*				
LCS (9051116-BS1)			Prepared: 05/21/19 14:46		Analyzed: 05/22/19 10:29							
EPA 8270D (SIM)												
Acenaphthene	0.742	---	0.0100	mg/kg wet	1	0.800	---	93	40-122%	---	---	
Acenaphthylene	0.781	---	0.0100	mg/kg wet	1	0.800	---	98	32-132%	---	---	
Anthracene	0.782	---	0.0100	mg/kg wet	1	0.800	---	98	47-123%	---	---	
Benz(a)anthracene	0.771	---	0.0100	mg/kg wet	1	0.800	---	96	49-126%	---	---	
Benzo(a)pyrene	0.830	---	0.0100	mg/kg wet	1	0.800	---	104	45-129%	---	---	
Benzo(b)fluoranthene	0.742	---	0.0100	mg/kg wet	1	0.800	---	93	45-132%	---	---	
Benzo(k)fluoranthene	0.776	---	0.0100	mg/kg wet	1	0.800	---	97	47-132%	---	---	
Benzo(g,h,i)perylene	0.734	---	0.0100	mg/kg wet	1	0.800	---	92	43-134%	---	---	
Chrysene	0.792	---	0.0100	mg/kg wet	1	0.800	---	99	50-124%	---	---	

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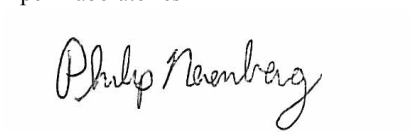

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0515 - 05 31 19 1718**

QUALITY CONTROL (QC) SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051116 - EPA 3546							**Soil**					
LCS (9051116-BS1)			Prepared: 05/21/19 14:46 Analyzed: 05/22/19 10:29									
Dibenz(a,h)anthracene	0.812	---	0.0100	mg/kg wet	1	0.800	---	102	45-134%	---	---	
Dibenzofuran	0.764	---	0.0100	mg/kg wet	1	0.800	---	96	44-120%	---	---	
Fluoranthene	0.825	---	0.0100	mg/kg wet	1	0.800	---	103	50-127%	---	---	
Fluorene	0.785	---	0.0100	mg/kg wet	1	0.800	---	98	43-125%	---	---	
Indeno(1,2,3-cd)pyrene	0.743	---	0.0100	mg/kg wet	1	0.800	---	93	45-133%	---	---	
1-Methylnaphthalene	0.731	---	0.0100	mg/kg wet	1	0.800	---	91	40-120%	---	---	
2-Methylnaphthalene	0.738	---	0.0100	mg/kg wet	1	0.800	---	92	38-122%	---	---	
Naphthalene	0.737	---	0.0100	mg/kg wet	1	0.800	---	92	35-123%	---	---	
Phenanthrene	0.754	---	0.0100	mg/kg wet	1	0.800	---	94	50-121%	---	---	
Pyrene	0.850	---	0.0100	mg/kg wet	1	0.800	---	106	47-127%	---	---	
Surr: 2-Fluorobiphenyl (Surr)			*Recovery: 87 %*		*Limits: 44-120 %*				*Dilution: 1x*			
p-Terphenyl-d14 (Surr)			*79 %*		*54-127 %*				*"*			
Duplicate (9051116-DUP1)			Prepared: 05/21/19 14:46 Analyzed: 05/22/19 11:22									
QC Source Sample: Non-SDG (A9E0313-01)												
Acenaphthene	ND	---	0.326	mg/kg dry	20	---	ND	---	---	---	30%	R-02
Acenaphthylene	ND	---	0.351	mg/kg dry	20	---	ND	---	---	---	30%	R-02
Anthracene	ND	---	0.251	mg/kg dry	20	---	ND	---	---	---	30%	
Benz(a)anthracene	ND	---	0.276	mg/kg dry	20	---	ND	---	---	---	30%	R-02
Benzo(a)pyrene	ND	---	0.251	mg/kg dry	20	---	ND	---	---	---	30%	
Benzo(b)fluoranthene	ND	---	0.251	mg/kg dry	20	---	ND	---	---	---	30%	
Benzo(k)fluoranthene	ND	---	0.251	mg/kg dry	20	---	ND	---	---	---	30%	
Benzo(g,h,i)perylene	ND	---	0.251	mg/kg dry	20	---	ND	---	---	---	30%	
Chrysene	ND	---	0.276	mg/kg dry	20	---	ND	---	---	---	30%	R-02
Dibenz(a,h)anthracene	ND	---	0.251	mg/kg dry	20	---	ND	---	---	---	30%	
Dibenzofuran	**0.897**	---	0.251	mg/kg dry	20	---	0.946	---	---	5	30%	
Fluoranthene	ND	---	0.251	mg/kg dry	20	---	0.152	---	---	***	30%	
Fluorene	ND	---	0.301	mg/kg dry	20	---	ND	---	---	---	30%	R-02
Indeno(1,2,3-cd)pyrene	ND	---	0.251	mg/kg dry	20	---	ND	---	---	---	30%	
1-Methylnaphthalene	ND	---	0.577	mg/kg dry	20	---	ND	---	---	---	30%	R-02
2-Methylnaphthalene	ND	---	0.452	mg/kg dry	20	---	ND	---	---	---	30%	R-02
Naphthalene	ND	---	0.301	mg/kg dry	20	---	ND	---	---	---	30%	R-02
Phenanthrene	**0.541**	---	0.251	mg/kg dry	20	---	0.524	---	---	3	30%	
Pyrene	**1.73**	---	0.251	mg/kg dry	20	---	2.22	---	---	25	30%	

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0515 - 05 31 19 1718**

QUALITY CONTROL (QC) SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051116 - EPA 3546							**Soil**					
Duplicate (9051116-DUP1)			Prepared: 05/21/19 14:46 Analyzed: 05/22/19 11:22									
QC Source Sample: Non-SDG (A9E0313-01)												
Surr: 2-Fluorobiphenyl (Surr)			*Recovery: 86 %*	*Limits: 44-120 %*					*Dilution: 20x*			
p-Terphenyl-d14 (Surr)			*80 %*	*54-127 %*					*"*			
Matrix Spike (9051116-MS1)			Prepared: 05/21/19 14:46 Analyzed: 05/22/19 17:33									
QC Source Sample: Non-SDG (A9E0575-08)												
EPA 8270D (SIM)												
Acenaphthene	0.845	---	0.0119	mg/kg dry	1	0.949	ND	89	40-122%	---	---	
Acenaphthylene	0.867	---	0.0119	mg/kg dry	1	0.949	ND	91	32-132%	---	---	
Anthracene	0.857	---	0.0119	mg/kg dry	1	0.949	ND	90	47-123%	---	---	
Benz(a)anthracene	0.824	---	0.0119	mg/kg dry	1	0.949	ND	87	49-126%	---	---	
Benzo(a)pyrene	0.898	---	0.0119	mg/kg dry	1	0.949	ND	95	45-129%	---	---	
Benzo(b)fluoranthene	0.827	---	0.0119	mg/kg dry	1	0.949	ND	87	45-132%	---	---	
Benzo(k)fluoranthene	0.829	---	0.0119	mg/kg dry	1	0.949	ND	87	47-132%	---	---	
Benzo(g,h,i)perylene	0.731	---	0.0119	mg/kg dry	1	0.949	ND	77	43-134%	---	---	
Chrysene	0.834	---	0.0119	mg/kg dry	1	0.949	ND	88	50-124%	---	---	
Dibenz(a,h)anthracene	0.880	---	0.0119	mg/kg dry	1	0.949	ND	93	45-134%	---	---	
Dibenzofuran	0.876	---	0.0119	mg/kg dry	1	0.949	ND	92	44-120%	---	---	
Fluoranthene	0.919	---	0.0119	mg/kg dry	1	0.949	ND	97	50-127%	---	---	
Fluorene	0.885	---	0.0119	mg/kg dry	1	0.949	ND	93	43-125%	---	---	
Indeno(1,2,3-cd)pyrene	0.776	---	0.0119	mg/kg dry	1	0.949	ND	82	45-133%	---	---	
1-Methylnaphthalene	0.819	---	0.0119	mg/kg dry	1	0.949	ND	86	40-120%	---	---	
2-Methylnaphthalene	0.828	---	0.0119	mg/kg dry	1	0.949	ND	87	38-122%	---	---	
Naphthalene	0.811	---	0.0119	mg/kg dry	1	0.949	ND	85	35-123%	---	---	
Phenanthrene	0.825	---	0.0119	mg/kg dry	1	0.949	ND	87	50-121%	---	---	
Pyrene	0.944	---	0.0119	mg/kg dry	1	0.949	ND	99	47-127%	---	---	
Surr: 2-Fluorobiphenyl (Surr)			*Recovery: 84 %*	*Limits: 44-120 %*					*Dilution: 1x*			
p-Terphenyl-d14 (Surr)			*73 %*	*54-127 %*					*"*			

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	A9E0515 - 05 31 19 1718

QUALITY CONTROL (QC) SAMPLE RESULTS

Total Metals by EPA 6020A (ICPMS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051247 - EPA 3051A							**Soil**					
Blank (9051247-BLK1)			Prepared: 05/24/19 08:29 Analyzed: 05/24/19 22:52									
EPA 6020A												
Barium	ND	---	1.00	mg/kg wet	10	---	---	---	---	---	---	
Cadmium	ND	---	0.200	mg/kg wet	10	---	---	---	---	---	---	
Lead	ND	---	0.200	mg/kg wet	10	---	---	---	---	---	---	
Mercury	ND	---	0.0800	mg/kg wet	10	---	---	---	---	---	---	
Selenium	ND	---	1.00	mg/kg wet	10	---	---	---	---	---	---	
Silver	ND	---	0.200	mg/kg wet	10	---	---	---	---	---	---	
Blank (9051247-BLK2)			Prepared: 05/24/19 08:29 Analyzed: 05/28/19 18:16									
EPA 6020A												
Arsenic	ND	---	1.00	mg/kg wet	10	---	---	---	---	---	---	Q-16
Chromium	ND	---	1.00	mg/kg wet	10	---	---	---	---	---	---	Q-16
LCS (9051247-BS1)			Prepared: 05/24/19 08:29 Analyzed: 05/24/19 22:56									
EPA 6020A												
Barium	55.9	---	1.00	mg/kg wet	10	50.0	---	112	80-120%	---	---	
Cadmium	54.6	---	0.200	mg/kg wet	10	50.0	---	109	80-120%	---	---	
Lead	54.2	---	0.200	mg/kg wet	10	50.0	---	108	80-120%	---	---	
Mercury	1.07	---	0.0800	mg/kg wet	10	1.00	---	107	80-120%	---	---	
Selenium	25.8	---	1.00	mg/kg wet	10	25.0	---	103	80-120%	---	---	
Silver	25.7	---	0.200	mg/kg wet	10	25.0	---	103	80-120%	---	---	
LCS (9051247-BS2)			Prepared: 05/24/19 08:29 Analyzed: 05/28/19 18:21									
EPA 6020A												
Arsenic	58.1	---	1.00	mg/kg wet	10	50.0	---	116	80-120%	---	---	Q-16
Chromium	57.9	---	1.00	mg/kg wet	10	50.0	---	116	80-120%	---	---	Q-16
Duplicate (9051247-DUP1)			Prepared: 05/24/19 08:29 Analyzed: 05/24/19 23:29									
QC Source Sample: HA-1(15-15.5) (A9E0515-06)												
EPA 6020A												
Barium	**152**	---	1.27	mg/kg dry	10	---	153	---	---	0.5	40%	
Cadmium	**0.561**	---	0.255	mg/kg dry	10	---	0.612	---	---	9	40%	
Lead	**8.98**	---	0.255	mg/kg dry	10	---	9.54	---	---	6	40%	

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GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	A9E0515 - 05 31 19 1718

QUALITY CONTROL (QC) SAMPLE RESULTS

Total Metals by EPA 6020A (ICPMS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051247 - EPA 3051A							**Soil**					
Duplicate (9051247-DUP1)			Prepared: 05/24/19 08:29 Analyzed: 05/24/19 23:29									
QC Source Sample: HA-1(15-15.5) (A9E0515-06)												
Mercury	ND	---	0.102	mg/kg dry	10	---	ND	---	---	---	40%	
Selenium	ND	---	1.27	mg/kg dry	10	---	ND	---	---	---	40%	
Silver	ND	---	0.255	mg/kg dry	10	---	ND	---	---	---	40%	
Duplicate (9051247-DUP2)			Prepared: 05/24/19 08:29 Analyzed: 05/28/19 18:39									
QC Source Sample: HA-1(15-15.5) (A9E0515-06RE1)												
EPA 6020A												
Arsenic	**5.39**	---	1.27	mg/kg dry	10	---	6.21	---	---	14	40%	Q-16
Chromium	**14.8**	---	1.27	mg/kg dry	10	---	17.3	---	---	15	40%	Q-16
Matrix Spike (9051247-MS1)			Prepared: 05/24/19 08:29 Analyzed: 05/24/19 23:33									
QC Source Sample: HA-1(15-15.5) (A9E0515-06)												
EPA 6020A												
Barium	222	---	1.31	mg/kg dry	10	65.6	153	105	75-125%	---	---	
Cadmium	66.0	---	0.262	mg/kg dry	10	65.6	0.612	100	75-125%	---	---	
Lead	70.4	---	0.262	mg/kg dry	10	65.6	9.54	93	75-125%	---	---	
Mercury	1.26	---	0.105	mg/kg dry	10	1.31	ND	96	75-125%	---	---	
Selenium	30.8	---	1.31	mg/kg dry	10	32.8	ND	94	75-125%	---	---	
Silver	31.5	---	0.262	mg/kg dry	10	32.8	ND	96	75-125%	---	---	
Matrix Spike (9051247-MS2)			Prepared: 05/24/19 08:29 Analyzed: 05/25/19 00:23									
QC Source Sample: Non-SDG (A9E0749-07)												
EPA 6020A												
Arsenic	84.3	---	1.61	mg/kg dry	10	80.3	8.40	94	75-125%	---	---	
Barium	144	---	1.61	mg/kg dry	10	80.3	60.5	104	75-125%	---	---	
Cadmium	78.3	---	0.321	mg/kg dry	10	80.3	ND	97	75-125%	---	---	
Chromium	108	---	1.61	mg/kg dry	10	80.3	30.4	97	75-125%	---	---	
Lead	92.9	---	0.321	mg/kg dry	10	80.3	18.5	93	75-125%	---	---	
Mercury	1.60	---	0.129	mg/kg dry	10	1.61	0.0853	94	75-125%	---	---	
Selenium	37.4	---	1.61	mg/kg dry	10	40.2	1.36	90	75-125%	---	---	
Silver	37.7	---	0.321	mg/kg dry	10	40.2	ND	94	75-125%	---	---	

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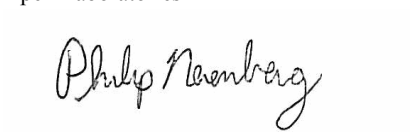

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503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0515 - 05 31 19 1718**

QUALITY CONTROL (QC) SAMPLE RESULTS

Total Metals by EPA 6020A (ICPMS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051247 - EPA 3051A							**Soil**					
Matrix Spike (9051247-MS3)			Prepared: 05/24/19 08:29		Analyzed: 05/28/19 18:44							
QC Source Sample: HA-1(15-15.5) (A9E0515-06RE1)												
EPA 6020A												
Arsenic	81.0	---	1.31	mg/kg dry	10	65.6	6.21	114	75-125%	---	---	Q-16
Chromium	92.7	---	1.31	mg/kg dry	10	65.6	17.3	115	75-125%	---	---	Q-16

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QUALITY CONTROL (QC) SAMPLE RESULTS

Percent Dry Weight

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051028 - Total Solids (Dry Weight)							Soil					
Duplicate (9051028-DUP1)			Prepared: 05/20/19 08:24		Analyzed: 05/21/19 08:51							
QC Source Sample: Non-SDG (A9E0235-03)												
% Solids	**97.4**	---	1.00	% by Weight	1	---	97.6	---	---	0.2	10%	
Duplicate (9051028-DUP2)			Prepared: 05/20/19 08:24		Analyzed: 05/21/19 08:51							
QC Source Sample: Non-SDG (A9E0575-02)												
% Solids	**80.8**	---	1.00	% by Weight	1	---	81.2	---	---	0.4	10%	
Duplicate (9051028-DUP3)			Prepared: 05/20/19 08:24		Analyzed: 05/21/19 08:51							
QC Source Sample: Non-SDG (A9E0586-02)												
% Solids	**77.9**	---	1.00	% by Weight	1	---	79.3	---	---	2	10%	
Duplicate (9051028-DUP4)			Prepared: 05/20/19 08:24		Analyzed: 05/21/19 08:51							
QC Source Sample: Non-SDG (A9E0586-12)												
% Solids	**84.7**	---	1.00	% by Weight	1	---	84.8	---	---	0.1	10%	
Duplicate (9051028-DUP5)			Prepared: 05/20/19 08:24		Analyzed: 05/21/19 08:51							
QC Source Sample: Non-SDG (A9E0607-05)												
% Solids	**88.2**	---	1.00	% by Weight	1	---	88.4	---	---	0.2	10%	
Duplicate (9051028-DUP6)			Prepared: 05/20/19 08:24		Analyzed: 05/21/19 08:51							
QC Source Sample: Non-SDG (A9E0623-01)												
% Solids	**79.9**	---	1.00	% by Weight	1	---	80.1	---	---	0.2	10%	
Duplicate (9051028-DUP7)			Prepared: 05/20/19 19:34		Analyzed: 05/21/19 08:51							
QC Source Sample: Non-SDG (A9E0646-01)												
% Solids	**88.3**	---	1.00	% by Weight	1	---	88.5	---	---	0.3	10%	
Duplicate (9051028-DUP8)			Prepared: 05/20/19 19:34		Analyzed: 05/21/19 08:51							
QC Source Sample: Non-SDG (A9E0652-05)												
% Solids	**67.9**	---	1.00	% by Weight	1	---	67.4	---	---	0.7	10%	

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QUALITY CONTROL (QC) SAMPLE RESULTS

Percent Dry Weight

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051028 - Total Solids (Dry Weight)							**Soil**					
Duplicate (9051028-DUP9)			Prepared: 05/20/19 19:34		Analyzed: 05/21/19 08:51							
QC Source Sample: Non-SDG (A9E0656-02)												
% Solids	**78.7**	---	1.00	% by Weight	1	---	78.0	---	---	0.9	10%	

No Client related Batch QC samples analyzed for this batch. See notes page for more information.

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SAMPLE PREPARATION INFORMATION

Hydrocarbon Identification Screen by NWTPH-HCID

Prep: NWTPH-HCID (Soil)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 9051061							
A9E0515-06	Soil	NWTPH-HCID	05/15/19 13:15	05/20/19 14:50	10.6g/10mL	10g/10mL	0.94

Volatile Organic Compounds by EPA 5035A/8260C

Prep: EPA 5035A

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 9051092							
A9E0515-01	Soil	5035A/8260C	05/15/19 10:30	05/15/19 10:30	5.17g/5mL	5g/5mL	0.97
A9E0515-05	Soil	5035A/8260C	05/15/19 12:45	05/15/19 12:45	5.49g/5mL	5g/5mL	0.91
A9E0515-06	Soil	5035A/8260C	05/15/19 13:15	05/15/19 13:15	5.09g/5mL	5g/5mL	0.98
A9E0515-07	Soil	5035A/8260C	05/15/19 14:15	05/15/19 14:15	4.77g/5mL	5g/5mL	1.05

Polychlorinated Biphenyls by EPA 8082A

Prep: EPA 3546

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 9051199							
A9E0515-01	Soil	EPA 8082A	05/15/19 10:30	05/23/19 10:23	10.16g/5mL	10g/5mL	0.98
A9E0515-05	Soil	EPA 8082A	05/15/19 12:45	05/23/19 10:23	10.03g/5mL	10g/5mL	1.00
A9E0515-06	Soil	EPA 8082A	05/15/19 13:15	05/23/19 10:23	10.11g/5mL	10g/5mL	0.99
A9E0515-07	Soil	EPA 8082A	05/15/19 14:15	05/23/19 10:23	10.24g/5mL	10g/5mL	0.98

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Prep: EPA 3546

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 9051116							
A9E0515-01	Soil	EPA 8270D (SIM)	05/15/19 10:30	05/21/19 14:46	11.82g/5mL	10g/5mL	0.85
A9E0515-05	Soil	EPA 8270D (SIM)	05/15/19 12:45	05/21/19 14:46	10.52g/5mL	10g/5mL	0.95
A9E0515-06	Soil	EPA 8270D (SIM)	05/15/19 13:15	05/21/19 14:46	11.59g/5mL	10g/5mL	0.86
A9E0515-07	Soil	EPA 8270D (SIM)	05/15/19 14:15	05/21/19 14:46	10.48g/5mL	10g/5mL	0.95

Total Metals by EPA 6020A (ICPMS)

Prep: EPA 3051A

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor

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SAMPLE PREPARATION INFORMATION

Total Metals by EPA 6020A (ICPMS)

Prep: EPA 3051A

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 9051247							
A9E0515-01	Soil	EPA 6020A	05/15/19 10:30	05/24/19 08:29	0.474g/50mL	0.5g/50mL	1.05
A9E0515-01RE1	Soil	EPA 6020A	05/15/19 10:30	05/24/19 08:29	0.474g/50mL	0.5g/50mL	1.05
A9E0515-05	Soil	EPA 6020A	05/15/19 12:45	05/24/19 08:29	0.49g/50mL	0.5g/50mL	1.02
A9E0515-05RE1	Soil	EPA 6020A	05/15/19 12:45	05/24/19 08:29	0.49g/50mL	0.5g/50mL	1.02
A9E0515-06	Soil	EPA 6020A	05/15/19 13:15	05/24/19 08:29	0.454g/50mL	0.5g/50mL	1.10
A9E0515-06RE1	Soil	EPA 6020A	05/15/19 13:15	05/24/19 08:29	0.454g/50mL	0.5g/50mL	1.10
A9E0515-07	Soil	EPA 6020A	05/15/19 14:15	05/24/19 08:29	0.46g/50mL	0.5g/50mL	1.09
A9E0515-07RE1	Soil	EPA 6020A	05/15/19 14:15	05/24/19 08:29	0.46g/50mL	0.5g/50mL	1.09

Percent Dry Weight

Prep: Total Solids (Dry Weight)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 9051028							
A9E0515-01	Soil	EPA 8000C	05/15/19 10:30	05/20/19 08:24			NA
A9E0515-05	Soil	EPA 8000C	05/15/19 12:45	05/20/19 08:24			NA
A9E0515-06	Soil	EPA 8000C	05/15/19 13:15	05/20/19 08:24			NA
A9E0515-07	Soil	EPA 8000C	05/15/19 14:15	05/20/19 08:24			NA

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QUALIFIER DEFINITIONS

Client Sample and Quality Control (QC) Sample Qualifier Definitions:

Apex Laboratories

C-07	Extract has undergone Sulfuric Acid Cleanup by EPA 3665A, Sulfur Cleanup by EPA 3660B, and Florisil Cleanup by EPA 3620B in order to minimize matrix interference.
M-05	Estimated results. Peak separation for structural isomers is insufficient for accurate quantification.
Q-16	Reanalysis of an original Batch QC sample.
Q-54	Daily Continuing Calibration Verification recovery for this analyte failed the +/-20% criteria listed in EPA method 8260C/8270D by +1.9%. The results are reported as Estimated Values.
Q-54a	Daily Continuing Calibration Verification recovery for this analyte failed the +/-20% criteria listed in EPA method 8260C/8270D by +2.9%. The results are reported as Estimated Values.
Q-54b	Daily Continuing Calibration Verification recovery for this analyte failed the +/-20% criteria listed in EPA method 8260C/8270D by +5.1%. The results are reported as Estimated Values.
Q-54c	Daily Continuing Calibration Verification recovery for this analyte failed the +/-20% criteria listed in EPA method 8260C/8270D by +9.2%. The results are reported as Estimated Values.
Q-54d	Daily Continuing Calibration Verification recovery for this analyte failed the +/-20% criteria listed in EPA method 8260C/8270D by -8.5%. The results are reported as Estimated Values.
Q-55	Daily CCV/LCS recovery for this analyte was below the +/-20% criteria listed in EPA 8260C, however there is adequate sensitivity to ensure detection at the reporting level.
Q-56	Daily CCV/LCS recovery for this analyte was above the +/-20% criteria listed in EPA 8260C
R-02	The Reporting Limit for this analyte has been raised to account for interference from coeluting organic compounds present in the sample.

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REPORTING NOTES AND CONVENTIONS:

Abbreviations:

DET Analyte DETECTED at or above the detection or reporting limit.

ND Analyte NOT DETECTED at or above the detection or reporting limit.

NR Result Not Reported

RPD Relative Percent Difference. RPDs for Matrix Spikes and Matrix Spike Duplicates are based on concentration, not recovery.

Detection Limits: Limit of Detection (LOD)

Limits of Detection (LODs) are normally set at a level of one half the validated Limit of Quantitation (LOQ).
If no value is listed ('-----'), then the data has not been evaluated below the Reporting Limit.

Reporting Limits: Limit of Quantitation (LOQ)

Validated Limits of Quantitation (LOQs) are reported as the Reporting Limits for all analyses where the LOQ, MRL, PQL or CRL are requested. The LOQ represents a level at or above the low point of the calibration curve, that has been validated according to Apex Laboratories' comprehensive LOQ policies and procedures.

Reporting Conventions:

Basis: Results for soil samples are generally reported on a 100% dry weight basis.
The Result Basis is listed following the units as " dry", " wet", or " " (blank) designation.

" dry" Sample results and Reporting Limits are reported on a dry weight basis. (i.e. "ug/kg dry")
See Percent Solids section for details of dry weight analysis.

" wet" Sample results and Reporting Limits for this analysis are normally dry weight corrected, but have not been modified in this case.

" " Results without 'wet' or 'dry' designation are not normally dry weight corrected. These results are considered 'As Received'.

QC Source:

In cases where there is insufficient sample provided for Sample Duplicates and/or Matrix Spikes, a Lab Control Sample Duplicate (LCS Dup) may be analyzed to demonstrate accuracy and precision of the extraction batch.

Non-Client Batch QC Samples (Duplicates and Matrix Spike/Duplicates) may not be included in this report. Please request a Full QC report if this data is required.

Miscellaneous Notes:

" --- " QC results are not applicable. For example, % Recoveries for Blanks and Duplicates, % RPD for Blanks, Blank Spikes and Matrix Spikes, etc.

" *** " Used to indicate a possible discrepancy with the Sample and Sample Duplicate results when the %RPD is not available. In this case, either the Sample or the Sample Duplicate has a reportable result for this analyte, while the other is Non Detect (ND).

Blanks:

Standard practice is to evaluate the results from Blank QC Samples down to a level equal to ½ the Reporting Limit (RL).
-For Blank hits falling between ½ the RL and the RL (J flagged hits), the associated sample and QC data will receive a 'B-02' qualifier.
-For Blank hits above the RL, the associated sample and QC data will receive a 'B' qualifier, per Apex Laboratories' Blank Policy.
For further details, please request a copy of this document.

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REPORTING NOTES AND CONVENTIONS (Cont.):

Blanks (Cont.):

Sample results flagged with a 'B' or 'B-02' qualifier are potentially biased high if the sample results are less than ten times the level found in the blank for inorganic analyses, or less than five times the level found in the blank for organic analyses.

'B' and 'B-02' qualifications are only applied to sample results detected above the Reporting Level.

Preparation Notes:

Mixed Matrix Samples:

Water Samples:

Water samples containing significant amounts of sediment are decanted or separated prior to extraction, and only the water portion analyzed, unless otherwise directed by the client.

Soil and Sediment Samples:

Soil and Sediment samples containing significant amounts of water are decanted prior to extraction, and only the solid portion analyzed, unless otherwise directed by the client.

Sampling and Preservation Notes:

Certain regulatory programs, such as National Pollutant Discharge Elimination System (NPDES), require that activities such as sample filtration (for dissolved metals, orthophosphate, hexavalent chromium, etc.) and testing of short hold analytes (pH, Dissolved Oxygen, etc.) be performed in the field (on-site) within a short time window. In addition, sample matrix spikes are required for some analyses, and sufficient volume must be provided, and billable site specific QC requested, if this is required. All regulatory permits should be reviewed to ensure that these requirements are being met.

Data users should be aware of which regulations pertain to the samples they submit for testing. If related sample collection activities are not approved for a particular regulatory program, results should be considered estimates. Apex Laboratories will qualify these analytes according to the most stringent requirements, however results for samples that are for non-regulatory purposes may be acceptable.

Samples that have been filtered and preserved at Apex Laboratories per client request are listed in the preparation section of the report with the date and time of filtration listed.

Apex Laboratories maintains detailed records on sample receipt, including client label verification, cooler temperature, sample preservation, hold time compliance and field filtration. Data is qualified as necessary, and the lack of qualification indicates compliance with required parameters.

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LABORATORY ACCREDITATION INFORMATION

TNI Certification ID: OR100062 (Primary Accreditation) - EPA ID: OR01039

All methods and analytes reported from work performed at Apex Laboratories are included on Apex Laboratories' ORELAP Scope of Certification, with the exception of any analyte(s) listed below:

Apex Laboratories

Matrix	Analysis	TNI_ID	Analyte	TNI_ID	Accreditation

All reported analytes are included in Apex Laboratories' current ORELAP scope.

Secondary Accreditations

Apex Laboratories also maintains reciprocal accreditation with non-TNI states (Washington DOE), as well as other state specific accreditations not listed here.

Subcontract Laboratory Accreditations

Subcontracted data falls outside of Apex Laboratories' Scope of Accreditation.
Please see the Subcontract Laboratory report for full details, or contact your Project Manager for more information.

Field Testing Parameters

Results for Field Tested data are provded by the client or sampler, and fall outside of Apex Laboratories' Scope of Accreditation.

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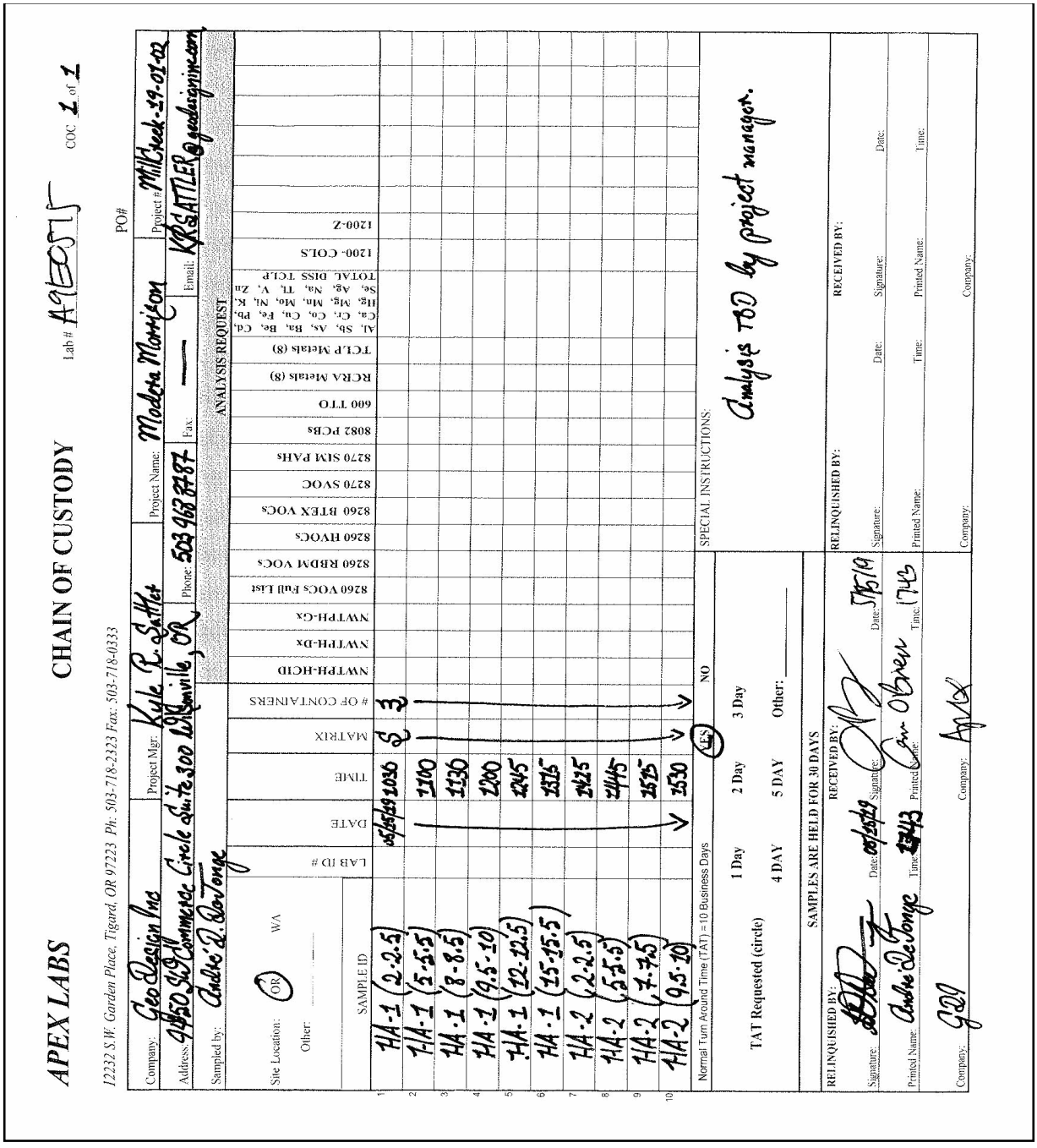
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0515 - 05 31 19 1718**



APEX LABS

CHAIN OF CUSTODY

Lab # A9E0515 COC 1 of 1

12232 S.W. Garden Place, Tigard, OR 97223 Ph: 503-718-2323 Fax: 503-718-0333

Company: GeoDesign Inc | Project Mgr: Kyle D. Sattler | Project Name: Modera Morrison | Project #: Millcreek-19-01-02

Address: 9450 SW Commerce Circle Ste 300 Wilsonville, OR | Phone: 503 963 7737 | Fax: — | Email: KRSATTLER@geodesigninc.com

Sampled by: Andre' DeJonge | PO#

Site Location: (OR) WA | Other: ____

ANALYSIS REQUEST

#	SAMPLE ID	LAB ID #	DATE	TIME	MATRIX	# OF CONTAINERS	NWTPH-HCID	NWTPH-Dx	NWTPH-Gx	8260 VOCs Full List	8260 RBDM VOCs	8260 HVOCs	8260 BTEX VOCs	8270 SVOC	8270 SIM PAHs	8082 PCBs	600 TTO	RCRA Metals (8)	TCLP Metals (8)	Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Hg, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Tl, V, Zn TOTAL DISS TCLP	1200- COLS	1200-Z
1	HA-1 (2-2.5)		05/29/19	1030	S	3																
2	HA-1 (5-5.5)			1100																		
3	HA-1 (8-8.5)			1130																		
4	HA-1 (9.5-10)			1200																		
5	HA-1 (12-12.5)			1245																		
6	HA-1 (15-15.5)			1315																		
7	HA-2 (2-2.5)			1425																		
8	HA-2 (5-5.5)			1445																		
9	HA-2 (7-7.5)			1525																		
10	HA-2 (9.5-10)			1530																		

Normal Turn Around Time (TAT) = 10 Business Days (YES) NO

SPECIAL INSTRUCTIONS: Analysis TBD by project manager.

TAT Requested (circle): 1 Day 2 Day 3 Day 4 DAY 5 DAY Other: ____

SAMPLES ARE HELD FOR 30 DAYS

RELINQUISHED BY:	RECEIVED BY:	RELINQUISHED BY:	RECEIVED BY:
Signature:	Signature:	Signature:	Signature:
Date: 05/29/19	Date: 5/30/19	Date:	Date:
Printed Name: Andre DeJonge	Printed Name: Jan O'Brien	Printed Name:	Printed Name:
Time: 1743	Time: 1743	Time:	Time:
Company: GDI	Company: Apex	Company:	Company:

Apex Laboratories

Philip Nerenberg

Philip Nerenberg, Lab Director

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Apex Laboratories, LLC
6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0515 - 05 31 19 1718**

APEX LABS COOLER RECEIPT FORM

Client: GeoDesign Element WO#: A9 E0515

Project/Project #: Modera Morrison / Mill Creek-19-01-02

Delivery Info:

Date/time received: 5/15/19 @ 1743 By: OB

Delivered by: Apex ___ Client ___ ESS ___ FedEx ___ UPS ___ Swift ___ Senvoy ___ SDS ___ Other ___

Cooler Inspection Date/time inspected: 5/15/19 @ 1745 By: OB

Chain of Custody included? Yes Y No ___ Custody seals? Yes ___ No X

Signed/dated by client? Yes Y No ___

Signed/dated by Apex? Yes Y No ___

	Cooler #1	Cooler #2	Cooler #3	Cooler #4	Cooler #5	Cooler #6	Cooler #7
Temperature (°C)	1.0						
Received on ice? (Y/N)	Y						
Temp. blanks? (Y/N)	Y						
Ice type: (Gel/Real/Other)	Real						
Condition:	Good						

Cooler out of temp? (Y/N) Possible reason why: ___

If some coolers are in temp and some out, were green dots applied to out of temperature samples? Yes/No/NA

Out of temperature samples form initiated? Yes/No/NA

Samples Inspection: Date/time inspected: 5/15/19 @ 1920 By: OB

All samples intact? Yes X No ___ Comments: ___

Bottle labels/COCs agree? Yes X No ___ Comments: ___

COC/container discrepancies form initiated? Yes ___ No ___ NA X

Containers/volumes received appropriate for analysis? Yes X No ___ Comments: ___

Do VOA vials have visible headspace? Yes ___ No ___ NA X

Comments ___

Water samples: pH checked: Yes ___ No ___ NA X pH appropriate? Yes ___ No ___ NA X

Comments: ___

Additional information: ___

Labeled by: OB Witness: AW Cooler Inspected by: OB See Project Contact Form: Y

Apex Laboratories

Philip Nerenberg

Philip Nerenberg, Lab Director

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Pace Analytical®
National Center for Testing & Innovation

ANALYTICAL REPORT

May 21, 2019

GeoDesign Inc. - Wilsonville, OR

Sample Delivery Group:	L1098623
Samples Received:	05/14/2019
Project Number:	MILLCREEK-19-01-02
Description:	

Report To: Kyle Sattler
9450 SW Commerce Circle
Ste. 300
Wilsonville, OR 97070

Entire Report Reviewed By:

Brian Ford
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace National is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.

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SG-1(15) L1098623-01 Air

Collected by: Kyle Haggart
Collected date/time: 05/11/19 15:22
Received date/time: 05/14/19 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG1283286	2	05/18/19 12:40	05/18/19 12:40	AMC	Mt. Juliet, TN

SG-2(15) L1098623-02 Air

Collected by: Kyle Haggart
Collected date/time: 05/11/19 16:23
Received date/time: 05/14/19 08:30

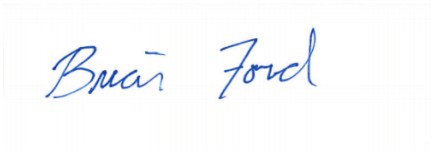
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG1283286	2	05/18/19 13:19	05/18/19 13:19	AMC	Mt. Juliet, TN

SV-1 L1098623-03 Air

Collected by: Kyle Haggart
Collected date/time: 05/11/19 08:10
Received date/time: 05/14/19 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG1283286	2	05/18/19 13:59	05/18/19 13:59	AMC	Mt. Juliet, TN

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Brian Ford
Project Manager

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	2.50	5.94	16.3	38.7		2	WG1283286
Allyl chloride	107-05-1	76.53	0.400	1.25	ND	ND		2	WG1283286
Benzene	71-43-2	78.10	0.400	1.28	1.54	4.91		2	WG1283286
Benzyl Chloride	100-44-7	127	0.400	2.08	ND	ND		2	WG1283286
Bromodichloromethane	75-27-4	164	0.400	2.68	ND	ND		2	WG1283286
Bromoform	75-25-2	253	1.20	12.4	ND	ND		2	WG1283286
Bromomethane	74-83-9	94.90	0.400	1.55	ND	ND		2	WG1283286
1,3-Butadiene	106-99-0	54.10	4.00	8.85	ND	ND		2	WG1283286
Carbon disulfide	75-15-0	76.10	0.400	1.24	1.21	3.78		2	WG1283286
Carbon tetrachloride	56-23-5	154	0.400	2.52	ND	ND		2	WG1283286
Chlorobenzene	108-90-7	113	0.400	1.85	ND	ND		2	WG1283286
Chloroethane	75-00-3	64.50	0.400	1.06	ND	ND		2	WG1283286
Chloroform	67-66-3	119	0.400	1.95	ND	ND		2	WG1283286
Chloromethane	74-87-3	50.50	0.400	0.826	4.90	10.1		2	WG1283286
2-Chlorotoluene	95-49-8	126	0.400	2.06	ND	ND		2	WG1283286
Cyclohexane	110-82-7	84.20	0.400	1.38	ND	ND		2	WG1283286
Dibromochloromethane	124-48-1	208	0.400	3.40	ND	ND		2	WG1283286
1,2-Dibromoethane	106-93-4	188	0.400	3.08	ND	ND		2	WG1283286
1,2-Dichlorobenzene	95-50-1	147	0.400	2.40	ND	ND		2	WG1283286
1,3-Dichlorobenzene	541-73-1	147	0.400	2.40	ND	ND		2	WG1283286
1,4-Dichlorobenzene	106-46-7	147	0.400	2.40	ND	ND		2	WG1283286
1,2-Dichloroethane	107-06-2	99	0.400	1.62	ND	ND		2	WG1283286
1,1-Dichloroethane	75-34-3	98	0.400	1.60	ND	ND		2	WG1283286
1,1-Dichloroethene	75-35-4	96.90	0.400	1.59	ND	ND		2	WG1283286
cis-1,2-Dichloroethene	156-59-2	96.90	0.400	1.59	ND	ND		2	WG1283286
trans-1,2-Dichloroethene	156-60-5	96.90	0.400	1.59	ND	ND		2	WG1283286
1,2-Dichloropropane	78-87-5	113	0.400	1.85	ND	ND		2	WG1283286
cis-1,3-Dichloropropene	10061-01-5	111	0.400	1.82	ND	ND		2	WG1283286
trans-1,3-Dichloropropene	10061-02-6	111	0.400	1.82	ND	ND		2	WG1283286
1,4-Dioxane	123-91-1	88.10	0.400	1.44	ND	ND		2	WG1283286
Ethanol	64-17-5	46.10	1.26	2.38	17.5	33.1		2	WG1283286
Ethylbenzene	100-41-4	106	0.400	1.73	ND	ND		2	WG1283286
4-Ethyltoluene	622-96-8	120	0.400	1.96	ND	ND		2	WG1283286
Trichlorofluoromethane	75-69-4	137.40	0.400	2.25	ND	ND		2	WG1283286
Dichlorodifluoromethane	75-71-8	120.92	0.400	1.98	0.726	3.59		2	WG1283286
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.400	3.07	ND	ND		2	WG1283286
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.400	2.80	ND	ND		2	WG1283286
Heptane	142-82-5	100	0.400	1.64	ND	ND		2	WG1283286
Hexachloro-1,3-butadiene	87-68-3	261	1.26	13.5	ND	ND		2	WG1283286
n-Hexane	110-54-3	86.20	0.400	1.41	0.808	2.85		2	WG1283286
Isopropylbenzene	98-82-8	120.20	0.400	1.97	ND	ND		2	WG1283286
Methylene Chloride	75-09-2	84.90	0.400	1.39	1.50	5.22		2	WG1283286
Methyl Butyl Ketone	591-78-6	100	2.50	10.2	ND	ND		2	WG1283286
2-Butanone (MEK)	78-93-3	72.10	2.50	7.37	ND	ND		2	WG1283286
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	2.50	10.2	ND	ND		2	WG1283286
Methyl methacrylate	80-62-6	100.12	0.400	1.64	ND	ND		2	WG1283286
MTBE	1634-04-4	88.10	0.400	1.44	ND	ND		2	WG1283286
Naphthalene	91-20-3	128	1.26	6.60	ND	ND		2	WG1283286
2-Propanol	67-63-0	60.10	2.50	6.15	3.76	9.25		2	WG1283286
Propene	115-07-1	42.10	0.800	1.38	27.2	46.9		2	WG1283286
Styrene	100-42-5	104	0.400	1.70	ND	ND		2	WG1283286
1,1,2,2-Tetrachloroethane	79-34-5	168	0.400	2.75	ND	ND		2	WG1283286
Tetrachloroethylene	127-18-4	166	0.400	2.72	2.40	16.3		2	WG1283286
Tetrahydrofuran	109-99-9	72.10	0.400	1.18	ND	ND		2	WG1283286
Toluene	108-88-3	92.10	0.400	1.51	1.37	5.16		2	WG1283286
1,2,4-Trichlorobenzene	120-82-1	181	1.26	9.33	ND	ND		2	WG1283286

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.400	2.18	ND	ND		2	WG1283286
1,1,2-Trichloroethane	79-00-5	133	0.400	2.18	ND	ND		2	WG1283286
Trichloroethylene	79-01-6	131	0.400	2.14	ND	ND		2	WG1283286
1,2,4-Trimethylbenzene	95-63-6	120	0.400	1.96	ND	ND		2	WG1283286
1,3,5-Trimethylbenzene	108-67-8	120	0.400	1.96	ND	ND		2	WG1283286
2,2,4-Trimethylpentane	540-84-1	114.22	0.400	1.87	ND	ND		2	WG1283286
Vinyl chloride	75-01-4	62.50	0.400	1.02	ND	ND		2	WG1283286
Vinyl Bromide	593-60-2	106.95	0.400	1.75	ND	ND		2	WG1283286
Vinyl acetate	108-05-4	86.10	0.400	1.41	ND	ND		2	WG1283286
m&p-Xylene	1330-20-7	106	0.800	3.47	ND	ND		2	WG1283286
o-Xylene	95-47-6	106	0.400	1.73	ND	ND		2	WG1283286
TPH (GC/MS) Low Fraction	8006-61-9	101	100	413	ND	ND		2	WG1283286
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*98.8*				WG1283286

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	2.50	5.94	25.6	60.8		2	WG1283286
Allyl chloride	107-05-1	76.53	0.400	1.25	ND	ND		2	WG1283286
Benzene	71-43-2	78.10	0.400	1.28	2.63	8.40		2	WG1283286
Benzyl Chloride	100-44-7	127	0.400	2.08	ND	ND		2	WG1283286
Bromodichloromethane	75-27-4	164	0.400	2.68	ND	ND		2	WG1283286
Bromoform	75-25-2	253	1.20	12.4	ND	ND		2	WG1283286
Bromomethane	74-83-9	94.90	0.400	1.55	ND	ND		2	WG1283286
1,3-Butadiene	106-99-0	54.10	4.00	8.85	ND	ND		2	WG1283286
Carbon disulfide	75-15-0	76.10	0.400	1.24	1.06	3.29		2	WG1283286
Carbon tetrachloride	56-23-5	154	0.400	2.52	ND	ND		2	WG1283286
Chlorobenzene	108-90-7	113	0.400	1.85	ND	ND		2	WG1283286
Chloroethane	75-00-3	64.50	0.400	1.06	ND	ND		2	WG1283286
Chloroform	67-66-3	119	0.400	1.95	ND	ND		2	WG1283286
Chloromethane	74-87-3	50.50	0.400	0.826	1.35	2.79		2	WG1283286
2-Chlorotoluene	95-49-8	126	0.400	2.06	ND	ND		2	WG1283286
Cyclohexane	110-82-7	84.20	0.400	1.38	2.10	7.24		2	WG1283286
Dibromochloromethane	124-48-1	208	0.400	3.40	ND	ND		2	WG1283286
1,2-Dibromoethane	106-93-4	188	0.400	3.08	ND	ND		2	WG1283286
1,2-Dichlorobenzene	95-50-1	147	0.400	2.40	ND	ND		2	WG1283286
1,3-Dichlorobenzene	541-73-1	147	0.400	2.40	ND	ND		2	WG1283286
1,4-Dichlorobenzene	106-46-7	147	0.400	2.40	ND	ND		2	WG1283286
1,2-Dichloroethane	107-06-2	99	0.400	1.62	ND	ND		2	WG1283286
1,1-Dichloroethane	75-34-3	98	0.400	1.60	ND	ND		2	WG1283286
1,1-Dichloroethene	75-35-4	96.90	0.400	1.59	ND	ND		2	WG1283286
cis-1,2-Dichloroethene	156-59-2	96.90	0.400	1.59	ND	ND		2	WG1283286
trans-1,2-Dichloroethene	156-60-5	96.90	0.400	1.59	ND	ND		2	WG1283286
1,2-Dichloropropane	78-87-5	113	0.400	1.85	ND	ND		2	WG1283286
cis-1,3-Dichloropropene	10061-01-5	111	0.400	1.82	ND	ND		2	WG1283286
trans-1,3-Dichloropropene	10061-02-6	111	0.400	1.82	ND	ND		2	WG1283286
1,4-Dioxane	123-91-1	88.10	0.400	1.44	ND	ND		2	WG1283286
Ethanol	64-17-5	46.10	1.26	2.38	31.3	59.0		2	WG1283286
Ethylbenzene	100-41-4	106	0.400	1.73	ND	ND		2	WG1283286
4-Ethyltoluene	622-96-8	120	0.400	1.96	ND	ND		2	WG1283286
Trichlorofluoromethane	75-69-4	137.40	0.400	2.25	ND	ND		2	WG1283286
Dichlorodifluoromethane	75-71-8	120.92	0.400	1.98	0.853	4.22		2	WG1283286
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.400	3.07	ND	ND		2	WG1283286
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.400	2.80	ND	ND		2	WG1283286
Heptane	142-82-5	100	0.400	1.64	1.35	5.53		2	WG1283286
Hexachloro-1,3-butadiene	87-68-3	261	1.26	13.5	ND	ND		2	WG1283286
n-Hexane	110-54-3	86.20	0.400	1.41	7.48	26.4		2	WG1283286
Isopropylbenzene	98-82-8	120.20	0.400	1.97	ND	ND		2	WG1283286
Methylene Chloride	75-09-2	84.90	0.400	1.39	0.814	2.83		2	WG1283286
Methyl Butyl Ketone	591-78-6	100	2.50	10.2	ND	ND		2	WG1283286
2-Butanone (MEK)	78-93-3	72.10	2.50	7.37	ND	ND		2	WG1283286
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	2.50	10.2	ND	ND		2	WG1283286
Methyl methacrylate	80-62-6	100.12	0.400	1.64	ND	ND		2	WG1283286
MTBE	1634-04-4	88.10	0.400	1.44	ND	ND		2	WG1283286
Naphthalene	91-20-3	128	1.26	6.60	ND	ND		2	WG1283286
2-Propanol	67-63-0	60.10	2.50	6.15	16.9	41.6		2	WG1283286
Propene	115-07-1	42.10	0.800	1.38	ND	ND		2	WG1283286
Styrene	100-42-5	104	0.400	1.70	0.444	1.89		2	WG1283286
1,1,2,2-Tetrachloroethane	79-34-5	168	0.400	2.75	ND	ND		2	WG1283286
Tetrachloroethylene	127-18-4	166	0.400	2.72	4.62	31.4		2	WG1283286
Tetrahydrofuran	109-99-9	72.10	0.400	1.18	ND	ND		2	WG1283286
Toluene	108-88-3	92.10	0.400	1.51	2.09	7.87		2	WG1283286
1,2,4-Trichlorobenzene	120-82-1	181	1.26	9.33	ND	ND		2	WG1283286

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.400	2.18	ND	ND		2	WG1283286
1,1,2-Trichloroethane	79-00-5	133	0.400	2.18	ND	ND		2	WG1283286
Trichloroethylene	79-01-6	131	0.400	2.14	ND	ND		2	WG1283286
1,2,4-Trimethylbenzene	95-63-6	120	0.400	1.96	ND	ND		2	WG1283286
1,3,5-Trimethylbenzene	108-67-8	120	0.400	1.96	ND	ND		2	WG1283286
2,2,4-Trimethylpentane	540-84-1	114.22	0.400	1.87	ND	ND		2	WG1283286
Vinyl chloride	75-01-4	62.50	0.400	1.02	ND	ND		2	WG1283286
Vinyl Bromide	593-60-2	106.95	0.400	1.75	ND	ND		2	WG1283286
Vinyl acetate	108-05-4	86.10	0.400	1.41	ND	ND		2	WG1283286
m&p-Xylene	1330-20-7	106	0.800	3.47	0.977	4.23		2	WG1283286
o-Xylene	95-47-6	106	0.400	1.73	0.402	1.74		2	WG1283286
TPH (GC/MS) Low Fraction	8006-61-9	101	100	413	110	454		2	WG1283286
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*100*				WG1283286

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	2.50	5.94	43.7	104		2	WG1283286
Allyl chloride	107-05-1	76.53	0.400	1.25	ND	ND		2	WG1283286
Benzene	71-43-2	78.10	0.400	1.28	ND	ND		2	WG1283286
Benzyl Chloride	100-44-7	127	0.400	2.08	ND	ND		2	WG1283286
Bromodichloromethane	75-27-4	164	0.400	2.68	ND	ND		2	WG1283286
Bromoform	75-25-2	253	1.20	12.4	ND	ND		2	WG1283286
Bromomethane	74-83-9	94.90	0.400	1.55	ND	ND		2	WG1283286
1,3-Butadiene	106-99-0	54.10	4.00	8.85	ND	ND		2	WG1283286
Carbon disulfide	75-15-0	76.10	0.400	1.24	ND	ND		2	WG1283286
Carbon tetrachloride	56-23-5	154	0.400	2.52	ND	ND		2	WG1283286
Chlorobenzene	108-90-7	113	0.400	1.85	ND	ND		2	WG1283286
Chloroethane	75-00-3	64.50	0.400	1.06	ND	ND		2	WG1283286
Chloroform	67-66-3	119	0.400	1.95	ND	ND		2	WG1283286
Chloromethane	74-87-3	50.50	0.400	0.826	0.541	1.12		2	WG1283286
2-Chlorotoluene	95-49-8	126	0.400	2.06	ND	ND		2	WG1283286
Cyclohexane	110-82-7	84.20	0.400	1.38	ND	ND		2	WG1283286
Dibromochloromethane	124-48-1	208	0.400	3.40	ND	ND		2	WG1283286
1,2-Dibromoethane	106-93-4	188	0.400	3.08	ND	ND		2	WG1283286
1,2-Dichlorobenzene	95-50-1	147	0.400	2.40	ND	ND		2	WG1283286
1,3-Dichlorobenzene	541-73-1	147	0.400	2.40	ND	ND		2	WG1283286
1,4-Dichlorobenzene	106-46-7	147	0.400	2.40	ND	ND		2	WG1283286
1,2-Dichloroethane	107-06-2	99	0.400	1.62	ND	ND		2	WG1283286
1,1-Dichloroethane	75-34-3	98	0.400	1.60	ND	ND		2	WG1283286
1,1-Dichloroethene	75-35-4	96.90	0.400	1.59	ND	ND		2	WG1283286
cis-1,2-Dichloroethene	156-59-2	96.90	0.400	1.59	ND	ND		2	WG1283286
trans-1,2-Dichloroethene	156-60-5	96.90	0.400	1.59	ND	ND		2	WG1283286
1,2-Dichloropropane	78-87-5	113	0.400	1.85	ND	ND		2	WG1283286
cis-1,3-Dichloropropene	10061-01-5	111	0.400	1.82	ND	ND		2	WG1283286
trans-1,3-Dichloropropene	10061-02-6	111	0.400	1.82	ND	ND		2	WG1283286
1,4-Dioxane	123-91-1	88.10	0.400	1.44	ND	ND		2	WG1283286
Ethanol	64-17-5	46.10	1.26	2.38	18.7	35.2		2	WG1283286
Ethylbenzene	100-41-4	106	0.400	1.73	0.830	3.60		2	WG1283286
4-Ethyltoluene	622-96-8	120	0.400	1.96	0.565	2.77		2	WG1283286
Trichlorofluoromethane	75-69-4	137.40	0.400	2.25	ND	ND		2	WG1283286
Dichlorodifluoromethane	75-71-8	120.92	0.400	1.98	0.573	2.83		2	WG1283286
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.400	3.07	ND	ND		2	WG1283286
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.400	2.80	ND	ND		2	WG1283286
Heptane	142-82-5	100	0.400	1.64	ND	ND		2	WG1283286
Hexachloro-1,3-butadiene	87-68-3	261	1.26	13.5	ND	ND		2	WG1283286
n-Hexane	110-54-3	86.20	0.400	1.41	0.933	3.29		2	WG1283286
Isopropylbenzene	98-82-8	120.20	0.400	1.97	ND	ND		2	WG1283286
Methylene Chloride	75-09-2	84.90	0.400	1.39	0.687	2.38		2	WG1283286
Methyl Butyl Ketone	591-78-6	100	2.50	10.2	ND	ND		2	WG1283286
2-Butanone (MEK)	78-93-3	72.10	2.50	7.37	ND	ND		2	WG1283286
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	2.50	10.2	ND	ND		2	WG1283286
Methyl methacrylate	80-62-6	100.12	0.400	1.64	ND	ND		2	WG1283286
MTBE	1634-04-4	88.10	0.400	1.44	ND	ND		2	WG1283286
Naphthalene	91-20-3	128	1.26	6.60	ND	ND		2	WG1283286
2-Propanol	67-63-0	60.10	2.50	6.15	5.08	12.5		2	WG1283286
Propene	115-07-1	42.10	0.800	1.38	ND	ND		2	WG1283286
Styrene	100-42-5	104	0.400	1.70	ND	ND		2	WG1283286
1,1,2,2-Tetrachloroethane	79-34-5	168	0.400	2.75	ND	ND		2	WG1283286
Tetrachloroethylene	127-18-4	166	0.400	2.72	0.924	6.27		2	WG1283286
Tetrahydrofuran	109-99-9	72.10	0.400	1.18	0.926	2.73		2	WG1283286
Toluene	108-88-3	92.10	0.400	1.51	1.25	4.72		2	WG1283286
1,2,4-Trichlorobenzene	120-82-1	181	1.26	9.33	ND	ND		2	WG1283286

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.400	2.18	ND	ND		2	WG1283286
1,1,2-Trichloroethane	79-00-5	133	0.400	2.18	ND	ND		2	WG1283286
Trichloroethylene	79-01-6	131	0.400	2.14	ND	ND		2	WG1283286
1,2,4-Trimethylbenzene	95-63-6	120	0.400	1.96	3.58	17.6		2	WG1283286
1,3,5-Trimethylbenzene	108-67-8	120	0.400	1.96	1.02	4.99		2	WG1283286
2,2,4-Trimethylpentane	540-84-1	114.22	0.400	1.87	ND	ND		2	WG1283286
Vinyl chloride	75-01-4	62.50	0.400	1.02	ND	ND		2	WG1283286
Vinyl Bromide	593-60-2	106.95	0.400	1.75	ND	ND		2	WG1283286
Vinyl acetate	108-05-4	86.10	0.400	1.41	ND	ND		2	WG1283286
m&p-Xylene	1330-20-7	106	0.800	3.47	4.04	17.5		2	WG1283286
o-Xylene	95-47-6	106	0.400	1.73	1.35	5.84		2	WG1283286
TPH (GC/MS) Low Fraction	8006-61-9	101	100	413	ND	ND		2	WG1283286
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*98.1*				WG1283286

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Method Blank (MB)

(MB) R3412614-3 05/18/19 09:55

Analyte	MB Result ppbv	MB Qualifier	MB MDL ppbv	MB RDL ppbv
Acetone	U		0.0569	1.25
Allyl Chloride	U		0.0546	0.200
Benzene	U		0.0460	0.200
Benzyl Chloride	U		0.0598	0.200
Bromodichloromethane	U		0.0436	0.200
Bromoform	U		0.0786	0.600
Bromomethane	U		0.0609	0.200
1,3-Butadiene	U		0.0563	2.00
Carbon disulfide	U		0.0544	0.200
Carbon tetrachloride	U		0.0585	0.200
Chlorobenzene	U		0.0601	0.200
Chloroethane	U		0.0489	0.200
Chloroform	U		0.0574	0.200
Chloromethane	U		0.0544	0.200
2-Chlorotoluene	U		0.0605	0.200
Cyclohexane	U		0.0534	0.200
Dibromochloromethane	U		0.0494	0.200
1,2-Dibromoethane	U		0.0185	0.200
1,2-Dichlorobenzene	U		0.0603	0.200
1,3-Dichlorobenzene	U		0.0597	0.200
1,4-Dichlorobenzene	U		0.0557	0.200
1,2-Dichloroethane	U		0.0616	0.200
1,1-Dichloroethane	U		0.0514	0.200
1,1-Dichloroethene	U		0.0490	0.200
cis-1,2-Dichloroethene	U		0.0389	0.200
trans-1,2-Dichloroethene	U		0.0464	0.200
1,2-Dichloropropane	U		0.0599	0.200
cis-1,3-Dichloropropene	U		0.0588	0.200
trans-1,3-Dichloropropene	U		0.0435	0.200
1,4-Dioxane	U		0.0554	0.200
Ethylbenzene	U		0.0506	0.200
4-Ethyltoluene	U		0.0666	0.200
Trichlorofluoromethane	U		0.0673	0.200
Dichlorodifluoromethane	U		0.0601	0.200
1,1,2-Trichlorotrifluoroethane	U		0.0687	0.200
1,2-Dichlorotetrafluoroethane	U		0.0458	0.200
Heptane	U		0.0626	0.200
Hexachloro-1,3-butadiene	U		0.0656	0.630
n-Hexane	U		0.0457	0.200
Isopropylbenzene	U		0.0563	0.200

Method Blank (MB)

(MB) R3412614-3 05/18/19 09:55

Analyte	MB Result ppbv	MB Qualifier	MB MDL ppbv	MB RDL ppbv
Methylene Chloride	U		0.0465	0.200
Methyl Butyl Ketone	U		0.0682	1.25
2-Butanone (MEK)	U		0.0493	1.25
4-Methyl-2-pentanone (MIBK)	U		0.0650	1.25
Methyl Methacrylate	U		0.0773	0.200
MTBE	U		0.0505	0.200
Naphthalene	U		0.154	0.630
2-Propanol	U		0.0882	1.25
Propene	U		0.0932	0.400
Styrene	U		0.0465	0.200
1,1,2,2-Tetrachloroethane	U		0.0576	0.200
Tetrachloroethylene	U		0.0497	0.200
Tetrahydrofuran	U		0.0508	0.200
Toluene	U		0.0499	0.200
1,2,4-Trichlorobenzene	U		0.148	0.630
1,1,1-Trichloroethane	U		0.0665	0.200
1,1,2-Trichloroethane	U		0.0287	0.200
Trichloroethylene	U		0.0545	0.200
1,2,4-Trimethylbenzene	U		0.0483	0.200
1,3,5-Trimethylbenzene	U		0.0631	0.200
2,2,4-Trimethylpentane	U		0.0456	0.200
Vinyl chloride	U		0.0457	0.200
Vinyl Bromide	U		0.0727	0.200
Vinyl acetate	U		0.0639	0.200
m&p-Xylene	U		0.0946	0.400
o-Xylene	U		0.0633	0.200
Ethanol	U		0.0832	0.630
TPH (GC/MS) Low Fraction	U		6.91	50.0
(S) 1,4-Bromofluorobenzene	*97.8*			*60.0-140*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3412614-1 05/18/19 08:29 • (LCSD) R3412614-2 05/18/19 09:11

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Ethanol	3.75	4.01	4.00	107	107	55.0-148			0.189	25
Propene	3.75	4.36	4.35	116	116	64.0-144			0.177	25
Dichlorodifluoromethane	3.75	4.39	4.39	117	117	64.0-139			0.0244	25
1,2-Dichlorotetrafluoroethane	3.75	4.32	4.32	115	115	70.0-130			0.0404	25

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3412614-1 05/18/19 08:29 • (LCSD) R3412614-2 05/18/19 09:11

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Chloromethane	3.75	4.25	4.23	113	113	70.0-130			0.566	25
Vinyl chloride	3.75	4.36	4.35	116	116	70.0-130			0.0617	25
1,3-Butadiene	3.75	4.49	4.43	120	118	70.0-130			1.23	25
Bromomethane	3.75	4.39	4.32	117	115	70.0-130			1.67	25
Chloroethane	3.75	4.52	4.49	120	120	70.0-130			0.505	25
Trichlorofluoromethane	3.75	4.46	4.42	119	118	70.0-130			0.919	25
1,1,2-Trichlorotrifluoroethane	3.75	4.13	4.14	110	110	70.0-130			0.248	25
1,1-Dichloroethene	3.75	4.32	4.34	115	116	70.0-130			0.370	25
1,1-Dichloroethane	3.75	4.23	4.26	113	114	70.0-130			0.739	25
Acetone	3.75	4.28	4.26	114	114	70.0-130			0.393	25
2-Propanol	3.75	4.46	4.52	119	120	70.0-139			1.17	25
Carbon disulfide	3.75	4.09	4.14	109	110	70.0-130			1.11	25
Methylene Chloride	3.75	4.19	4.22	112	112	70.0-130			0.559	25
MTBE	3.75	4.19	4.23	112	113	70.0-130			0.914	25
trans-1,2-Dichloroethene	3.75	4.31	4.35	115	116	70.0-130			0.716	25
n-Hexane	3.75	4.28	4.30	114	115	70.0-130			0.489	25
Vinyl acetate	3.75	4.42	4.38	118	117	70.0-130			0.805	25
Methyl Ethyl Ketone	3.75	4.25	4.32	113	115	70.0-130			1.64	25
cis-1,2-Dichloroethene	3.75	4.19	4.18	112	111	70.0-130			0.457	25
Chloroform	3.75	4.29	4.31	114	115	70.0-130			0.481	25
Cyclohexane	3.75	4.23	4.23	113	113	70.0-130			0.0832	25
1,1,1-Trichloroethane	3.75	4.26	4.26	114	114	70.0-130			0.165	25
Carbon tetrachloride	3.75	4.16	4.18	111	111	70.0-130			0.487	25
Benzene	3.75	4.32	4.21	115	112	70.0-130			2.42	25
1,2-Dichloroethane	3.75	4.46	4.39	119	117	70.0-130			1.54	25
Heptane	3.75	4.44	4.38	118	117	70.0-130			1.42	25
Trichloroethylene	3.75	4.35	4.32	116	115	70.0-130			0.814	25
1,2-Dichloropropane	3.75	4.31	4.23	115	113	70.0-130			1.86	25
1,4-Dioxane	3.75	4.78	4.75	128	127	70.0-140			0.630	25
Bromodichloromethane	3.75	4.36	4.29	116	114	70.0-130			1.62	25
cis-1,3-Dichloropropene	3.75	4.23	4.20	113	112	70.0-130			0.655	25
4-Methyl-2-pentanone (MIBK)	3.75	4.50	4.47	120	119	70.0-139			0.802	25
Toluene	3.75	4.31	4.21	115	112	70.0-130			2.34	25
trans-1,3-Dichloropropene	3.75	4.30	4.23	115	113	70.0-130			1.64	25
1,1,2-Trichloroethane	3.75	4.22	4.14	113	111	70.0-130			1.88	25
Tetrachloroethylene	3.75	4.22	4.17	113	111	70.0-130			1.27	25
Methyl Butyl Ketone	3.75	4.88	4.80	130	128	70.0-149			1.64	25
Dibromochloromethane	3.75	4.34	4.27	116	114	70.0-130			1.78	25
1,2-Dibromoethane	3.75	4.26	4.19	113	112	70.0-130			1.67	25
Chlorobenzene	3.75	4.28	4.20	114	112	70.0-130			1.87	25

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3412614-1 05/18/19 08:29 • (LCSD) R3412614-2 05/18/19 09:11

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Ethylbenzene	3.75	4.24	4.24	113	113	70.0-130			0.216	25
m&p-Xylene	7.50	8.70	8.72	116	116	70.0-130			0.289	25
o-Xylene	3.75	4.25	4.24	113	113	70.0-130			0.254	25
Styrene	3.75	4.32	4.31	115	115	70.0-130			0.172	25
Bromoform	3.75	4.39	4.38	117	117	70.0-130			0.164	25
1,1,2,2-Tetrachloroethane	3.75	4.24	4.22	113	113	70.0-130			0.299	25
4-Ethyltoluene	3.75	4.31	4.29	115	114	70.0-130			0.610	25
1,3,5-Trimethylbenzene	3.75	4.40	4.38	117	117	70.0-130			0.489	25
1,2,4-Trimethylbenzene	3.75	4.31	4.29	115	114	70.0-130			0.576	25
1,3-Dichlorobenzene	3.75	4.33	4.32	115	115	70.0-130			0.332	25
1,4-Dichlorobenzene	3.75	4.61	4.59	123	122	70.0-130			0.464	25
Benzyl Chloride	3.75	4.43	4.44	118	118	70.0-152			0.0896	25
1,2-Dichlorobenzene	3.75	4.28	4.33	114	115	70.0-130			1.03	25
1,2,4-Trichlorobenzene	3.75	4.55	4.54	121	121	70.0-160			0.263	25
Hexachloro-1,3-butadiene	3.75	4.23	4.30	113	115	70.0-151			1.48	25
Naphthalene	3.75	4.79	4.79	128	128	70.0-159			0.121	25
TPH (GC/MS) Low Fraction	203	233	233	115	115	70.0-130			0.0926	25
Allyl Chloride	3.75	4.26	4.35	114	116	70.0-130			2.08	25
2-Chlorotoluene	3.75	4.33	4.34	115	116	70.0-130			0.336	25
Methyl Methacrylate	3.75	4.16	4.11	111	110	70.0-130			1.20	25
Tetrahydrofuran	3.75	4.53	4.57	121	122	70.0-137			0.832	25
2,2,4-Trimethylpentane	3.75	4.31	4.35	115	116	70.0-130			0.851	25
Vinyl Bromide	3.75	4.38	4.36	117	116	70.0-130			0.403	25
Isopropylbenzene	3.75	4.28	4.30	114	115	70.0-130			0.374	25
(S) 1,4-Bromofluorobenzene				*99.8*	*99.9*	*60.0-140*				

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
	The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.
* Not all certifications held by the laboratory are applicable to the results reported in the attached report.
* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace National.

State Accreditations

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN-03-2002-34
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	n/a
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO00356
Kentucky [1 6]	90010	South Carolina	84004
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana [1]	LA180010	Texas	T104704245-18-15
Maine	TN0002	Texas [5]	LAB0152
Maryland	324	Utah	TN00003
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	460132
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA

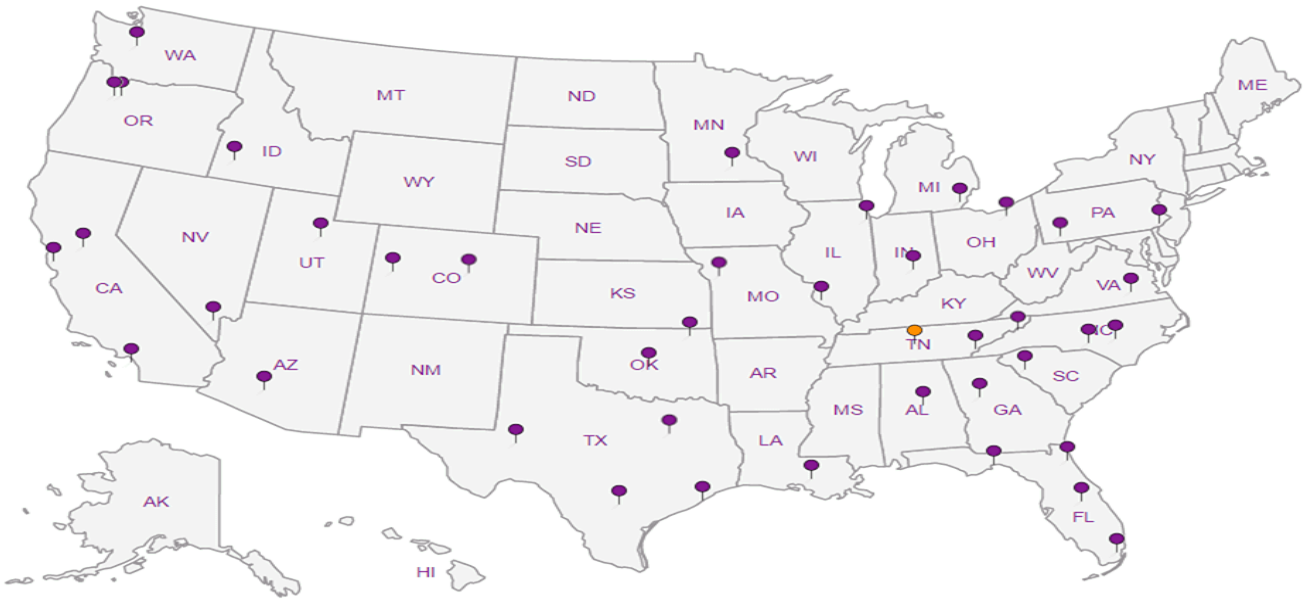
Third Party Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

Our Locations

Pace National has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. Pace National performs all testing at our central laboratory.



GeoDesign Inc.
9450 SW Commerce Circle Suite 300, Wilsonville, Oregon 97070

Billing Information:
GeoDesign Inc.
9450 SW Commerce Circle Suite 300, Wilsonville, Oregon 97070

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page ___ of ___

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

Report to: **Kyle Sattler**

Email To: **ksattler@geodesigninc.com,**

Project Description:

City/State Collected: **Portland, Oregon**

Phone:
Fax:

Client Project # **MillCreek-19-01-02**

Lab Project #

L# L1098623

Table # CK03

Collected by (print): **Kyle Haggart**

Site/Facility ID #

P.O. #

Collected by (signature):

Immediately Packed on Ice N___ Y___

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Date Results Needed

Quote #

Acctnum:
Template:
Prelogin:
TSR:
PB:
Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	TO-15	Remarks	Sample # (lab only)
SG-1(15)		Air		5/11/19	1522	1	X		-01
SG-2(15)		Air		5/11/19	1623	1	X		-02
SV-1		Air		5/11/19	0810	1	X		-03

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS _ FedEx __ Courier __ _____

Tracking # 4794 8833 7021

Sample Receipt Checklist
COC Seal Present/Intact: __NP __Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
	5/13/19	1515		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:
Exelon	5/13/19	1545		Amb 3
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:
				5/14/19 8:30

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

APPENDIX D

UCL Statistics for Data Sets with Non-Detects

User Selected Options	
Date/Time of Computation	ProUCL 5.16/7/2019 11:30:43 AM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	90%
Number of Bootstrap Operations	2000

Arsenic

General Statistics

Total Number of Observations	40	Number of Distinct Observations	38
Number of Detects	39	Number of Non-Detects	1
Number of Distinct Detects	37	Number of Distinct Non-Detects	1
Minimum Detect	3.32	Minimum Non-Detect	1.1
Maximum Detect	13	Maximum Non-Detect	1.1
Variance Detects	9.664	Percent Non-Detects	2.5%
Mean Detects	7.447	SD Detects	3.109
Median Detects	6.21	CV Detects	0.417
Skewness Detects	0.353	Kurtosis Detects	-1.417
Mean of Logged Detects	1.92	SD of Logged Detects	0.429

Gamma Kaplan-Meier (KM) Statistics

Approximate Chi Square Value (388.13, α)	352.9	Adjusted Chi Square Value (388.13, β)	351.9
90% Gamma Approximate KM-UCL (use when n>=50)	8.016	90% Gamma Adjusted KM-UCL (use when n<50)	8.039

Suggested UCL to Use

Based on the ProUCL 95% UCL analysis, the Gamma KM Adjusted Gamma UCL was recommended based on data size, data distribution, and skewness.

Cadmium

General Statistics

Total Number of Observations	40	Number of Distinct Observations	39
Number of Detects	38	Number of Non-Detects	2
Number of Distinct Detects	37	Number of Distinct Non-Detects	2
Minimum Detect	0.318	Minimum Non-Detect	0.22
Maximum Detect	1.08	Maximum Non-Detect	0.899
Variance Detects	0.0394	Percent Non-Detects	5%
Mean Detects	0.721	SD Detects	0.199
Median Detects	0.705	CV Detects	0.275
Skewness Detects	-0.097	Kurtosis Detects	-0.486
Mean of Logged Detects	-0.369	SD of Logged Detects	0.305

Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs

KM Mean	0.706	KM Standard Error of Mean	0.0337
KM SD	0.208	90% KM (BCA) UCL	0.745
90% KM (t) UCL	0.75	90% KM (Percentile Bootstrap) UCL	0.749
90% KM (z) UCL	0.75	90% KM Bootstrap t UCL	0.749
90% KM Chebyshev UCL	0.807	95% KM Chebyshev UCL	0.853
97.5% KM Chebyshev UCL	0.917	99% KM Chebyshev UCL	1.041

Suggested UCL to Use

Based on the ProUCL 95% UCL analysis, the Normal KM Student's-t UCL was recommended based on data size, data distribution, and skewness.

Lead

General Statistics

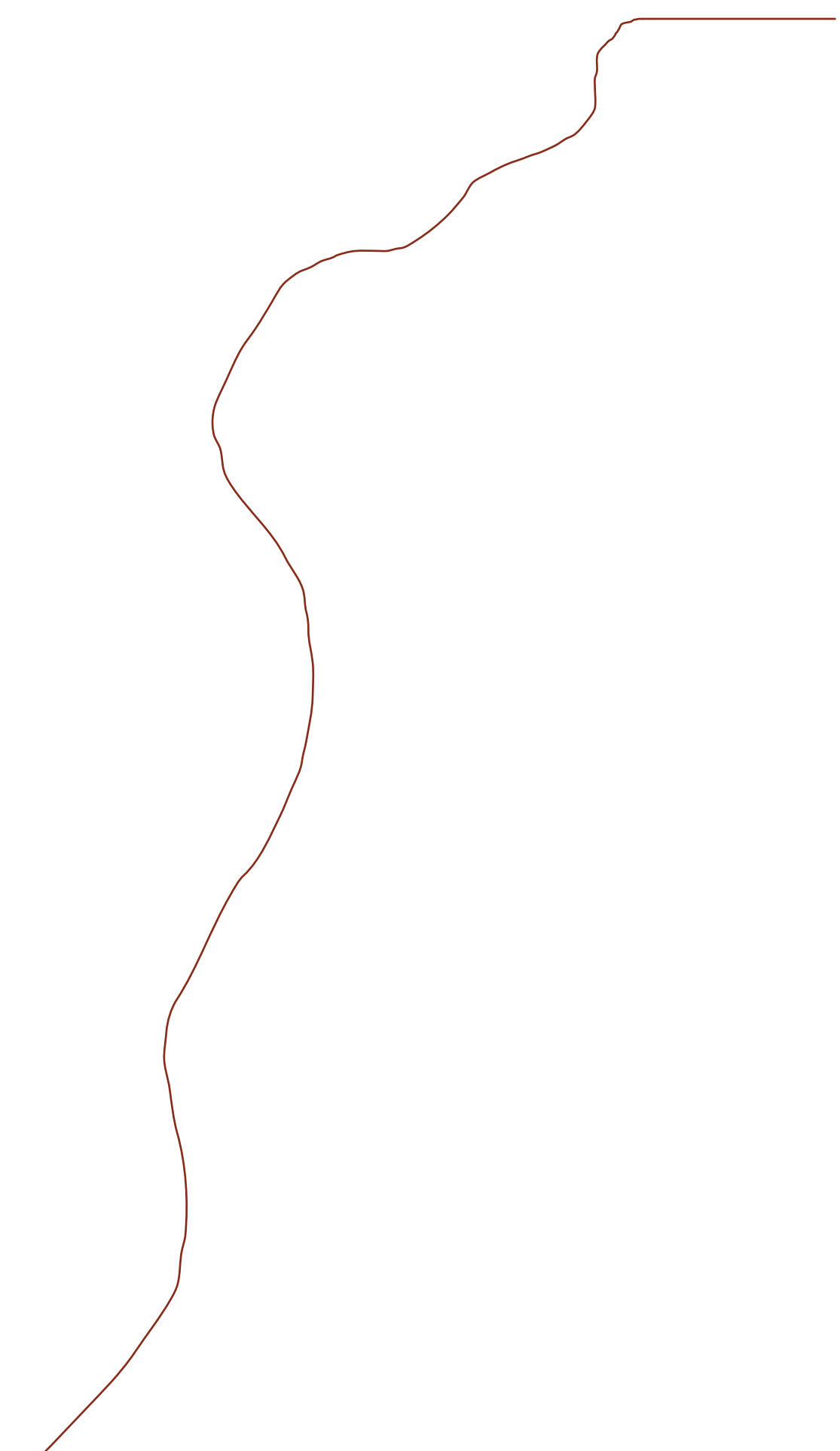
Total Number of Observations	40	Number of Distinct Observations	38
		Number of Missing Observations	0
Minimum	3.06	Mean	11.29
Maximum	28.3	Median	10.65
SD	5.099	Std. Error of Mean	0.806
Coefficient of Variation	0.452	Skewness	1.048

Assuming Normal Distribution

90% Normal UCL		**90% UCLs (Adjusted for Skewness)**	
90% Student's-t UCL	12.34	90% Adjusted-CLT UCL (Chen-1995)	12.42
		90% Modified-t UCL (Johnson-1978)	12.36

Suggested UCL to Use

Based on the ProUCL 95% UCL analysis, the Normal Student's-t UCL was recommended based on data size, data distribution, and skewness.



Oregon

Kate Brown, Governor

Department of Environmental Quality
Northwest Region
700 NE Multnomah Street, Suite 600
Portland, OR 97232
(503) 229-5263
FAX (503) 229-6945
TTY 711

August 22, 2019

Cassidy Bolger c/o Jason O'Donnel (GeoDesign, Inc.)
Mill Creek Residential Trust
220 NW 2nd Avenue, Suite 900
Portland, Oregon 97209
cbolger@mcrtrust.com
jodonnell@geodesigninc.com

Re: Soil Excavation: Modera Morrison redevelopment project
1120 SE Morrison Street in Portland, Oregon
Solid Waste Permit Exemption
Clackamas County, Oregon

Dear Mr. Bolger and Mr. O'Donnell:

DEQ has received and reviewed the request for a solid waste permit exemption determination from GeoDesign, Inc. (GeoDesign) on behalf of Modera Morrison, received on July 30, 2019. The request is to reuse soil excavated from the Modera Morrison redevelopment project.

The soil will be generated during excavation for an underground parking lot. Redevelopment will include construction of a seven-story apartment building with commercial and retail spaces on the first floor.

GeoDesign performed soil sampling in May of 2019. Field activities included collecting a total of 41 soil samples from 17 soil borings and two hand auger locations. The results showed one soil sample, from boring DP-4, contained concentrations of lead and benzo(a)pyrene concentrations above clean fill. Cadmium concentrations were slightly above the clean fill screening level and are likely naturally occurring. The remaining results showed soils are below the clean fill screening levels. GeoDesign calculated a 90% Upper Confidence Limit for lead and showed that the bulked material meets clean fill screening levels. This analysis is noted in DEQ's Clean Fill Determinations manual as an appropriate method. Additionally, GeoDesign's results report notes that the soil sample collected from DP-4 will be removed and disposed of as non-clean fill.

DEQ used the criteria set forth in Oregon Administrative Rule (OAR) 340-0093-0080 (2) and DEQ's internal management directive regarding clean fill.

Based on DEQ's review, DEQ concludes that the soil proposed for excavation is essentially the same as clean fill and is exempt from solid waste permitting regulations pursuant to OAR 340-0093-0080 (2).

The conditions of approval for this solid waste permit exemption are as follows:

1. This exemption determination is made for the specific waste outlined in the July 30, 2019 application.
2. Grass, sod, brush and other vegetation are biodegradable and are not considered clean fill and must be disposed at a DEQ permitted disposal site authorized to receive this type of waste.

3. Clean fill consists only of material consisting of soil, rock, concrete, brick, building block, tile or asphalt paving, which do not contain contaminants which could adversely impact the waters of the State or public health. Any material encountered during excavation that does not meet this definition is not considered clean fill and not included in this permit exemption.
4. Placement areas must be cleared and stripped of all vegetation prior to placement of soils.

If the information that DEQ evaluated to conclude that a permit exemption is applicable changes, you may need to apply for a solid waste letter authorization or beneficial use approval. This solid waste permit exemption will be void and the waste subject to regulation as a solid waste for any of the following reasons:

1. There are changes to the waste described in the application.
2. New or additional information indicates a potential change in the level of risk to the environment.

Thank you for working with DEQ through this process. Please feel free to contact Heather Kuoppamaki at 503-229-5125 or kuoppamaki.heather@deq.state.or.us or me at 503-229-5072 or obrien.audrey@deq.state.or.us if you have any questions.

Sincerely,

Audrey M O'Brien

Audrey O'Brien
Northwest Region Environmental Partnerships Manager

cc: Heather Kuoppamaki, DEQ NWR Senior Environmental Engineer
(kuoppamaki.heather@deq.state.or.us)

State of Oregon
Department of Environmental Quality
Northwest Region

Memorandum

To: File

Date: July 30, 2019

From: Heather Kuoppamaki, PE
Solid Waste Engineer - NWR

Subject: Solid Waste Permit Exemption
Modera Morrison
1120 SE Morrison
Portland, OR
Multnomah County, Oregon

GeoDesign submitted an application for a Solid Waste Permit Exemption Determination, on behalf of Modera Morrison, for reuse of soil excavated during development of the Modera Morrison redevelopment project located at 1120 SE Morrison Street in Portland, Oregon.

Evaluation Highlights

GeoDesign conducted Phase I and Phase II ESAs at this property.

The Phase I ESA identified historic underground storage tanks containing gasoline and heating oil. Based on the results of the Phase I, GeoDesign conducted a Phase II ESA. The Phase II ESA including analyzing soil from the proposed excavation area. Soils from varying depths were sampled and analyzed for some or all of the following:

- VOCs by EPA Methods 5035A/8260C
- PCBs by EPA Method 8082A
- RCRA 8 total metals by EPA Method 6020A (ICP-MS)
- Leachable lead by EPA Methods 1311/6020A (ICP-MS)
- PAHs by EPA Method 8270D SIM

Soils from one isolated area (boring DP-4 from 0.5-1.5 feet bgs), had concentrations of lead and benzo(a)pyrene exceeding clean fill screening levels. The soils from this area will be segregated and not reused as clean fill.

The 90% UCL for cadmium was 0.75 mg/kg which exceed the clean fill screening level (0.63 mg/kg). The clean fill screening level is based on background concentrations. The risk based screening level for cadmium for residential use (20 mg/kg). GeoDesign presents a professional opinion that the cadmium concentrations are naturally occurring.

The detection limit for several of the constituents was higher than the clean fill screening level. However, no other indications of contamination were noted in the analytical data.

Based on the information presented, with the removal of soils near DP-5 from 0.5-1.5 feet below ground surface, the excavated soils are essentially the same as clean fill.

APPENDIX B

APPENDIX B

FIELD PROCEDURES

GENERAL

Subsurface explorations were conducted on May 11 and 15, 2019 and July 18 and 30, 2019 and included collecting soil samples from 31 direct-push soil borings (DP-1 through DP-16 and DP-18 through DP-32) and 13 hand auger borings (HA-1, HA-2, and HA-4 through HA-14), two soil gas samples from soil gas borings SG-1 and SG-2, and one sub-slab vapor sample (SV-1). The direct-push and soil gas borings were advanced using drilling equipment owned and operated by ESN Northwest, Inc. of Olympia, Washington. The hand auger borings were advanced using hand-held equipment owned and operated by GeoDesign. The borings were advanced to the following depths:

- DP-1 through DP-3, DP-5 through DP-10, DP-13, DP-15, and DP-18 through DP-23 were advanced to 15 feet BGS.
- DP-4 was advanced to 30 feet BGS.
- DP-11 and DP-12 were advanced to 20 feet BGS.
- DP-14 and DP-16 were advanced to 14 feet BGS.
- DP-17 was advanced to 2 feet BGS where it met refusal.
- DP-24 was advanced to 18 feet BGS.
- DP-25 through DP-32 were advanced to 5 feet BGS.
- HA-1 was advanced to 16 feet BGS.
- HA-2 was advanced to 10 feet BGS.
- HA-3 through HA-14 were advanced between 0.7 foot and 1.6 feet BGS.

The locations of the borings are shown on Figures 2 and 3. A GeoDesign field representative observed the drilling activities and collected soil, soil gas, and a sub-slab vapor samples from the borings. The soil encountered in the borings was visually classified in general accordance with ASTM D2488.

SOIL SAMPLING

Continuous soil samples were collected from the direct-push borings and the hand auger borings. Soil samples collected from the direct-push borings were collected from 2-inch-diameter, 60-inch-long samplers lined with acrylic sleeves. Soil samples were collected from the hand auger borings using a 0.25-foot, stainless steel sampler. Soil samples were placed in laboratory-supplied containers and immediately placed in an ice chest and kept cool until delivery to the laboratory. Standard chain-of-custody procedures were observed during transport of the samples to the laboratory.

SOIL SAMPLE FIELD SCREENING METHODS

A GeoDesign representative performed field screening tests on select soil samples collected from the direct-push and hand auger borings. Field screening results aided in the selection of soil samples for chemical analysis. Screening methods included visual examination, water sheen screening, and headspace vapor screening using a MiniRAE 3000 PID.

Visual screening consisted of inspecting the soil for discoloration indicative of the presence of petroleum contamination in the sample. Water sheen screening involved placing soil in water and observing the water surface for signs of sheen. Sheen classifications are as follows:

No Sheen	No visible sheen on the water surface.
Slight Sheen	Light, colorless, dull sheen; spread is irregular, not rapid; sheen dissipates rapidly. Natural organic matter in the soil may produce a slight sheen.
Moderate Sheen	Light to heavy sheen; may have some color/iridescence; spread is irregular to flowing, may be rapid; few remaining areas of no sheen on water surface.
Heavy Sheen	Heavy sheen with color/iridescence; spread is rapid; entire water surface may be covered with sheen.

Headspace vapor screening is performed by placing a soil sample in a plastic bag. Air is captured in the bag and the bag is shaken to expose the soil to the air trapped in the bag. The probe of a MiniRAE 3000 PID is inserted into the bag and the MiniRAE PID measures VOC vapor concentrations in units of ppm. The MiniRAE 3000 PID is calibrated to isobutylene. The MiniRAE PID is designed to quantify VOC vapor concentrations in the range between 10 and 2,000 ppm with an accuracy of 2 percent of the reading and between 2,000 and 10,000 ppm with an accuracy of 20 percent of the reading.

Field screening results are site and exploration specific. The results may vary with temperature, soil moisture content, soil type, and type of chemical constituent.

SOIL GAS AND SUB-SLAB VAPOR SAMPLING

Soil gas samples SG-1(15) and SG-2(15) were collected from two soil gas borings. Sub-slab vapor sample SV-1 was collected from a sub-slab vapor point installed in the basement of the structure. The leak detection procedures described below were implemented during the soil gas and sub-slab vapor sampling activities in general accordance with DEQ's Vapor Intrusion Guidance. The soil gas samples were collected as follows:

- Advanced the Geoprobe PRT system to a predetermined depth in SG-1 and SG-2 using equipment owned and operated by ESN Northwest Inc. of Olympia, Washington.
- Drilled a ¼-inch-diameter hole through the concrete floor slab of the basement using equipment owned and operated by GeoDesign to facilitate collection of sub-slab vapor sample SV-1.
- Connected new Teflon® tubing to the PRT system (for SG-1 and SG-2), and the new Teflon® tubing advanced below the concrete floor slab (for SV-1) to laboratory-supplied summa canisters.
- Sealed the annular spaces between the soil gas probe and the boring sidewall and between the sub-slab vapor tubing and the concrete floor slab with hydrated bentonite to minimize ambient air migration into the sampling zone.

- Installed a leak-check system at each soil gas sample location. Specifically, each leak-check system was installed as follows:
  - Connections and fittings were wrapped with cloths soaked with isopropyl alcohol (2-propanol).
  - 2-propanol was not detected in the samples at concentrations greater than 5 percent, indicating that contribution from leakage of ambient air is acceptable; therefore, the analytical data is considered acceptable for its intended use.
- Purged the required volume of stagnant air from the sampling train using a calibrated hand-held PID prior to collecting each sample.
- Measured and recorded the initial and final vacuum pressures of the summa canisters.
- Collected the soil gas samples and the sub-slab vapor sample using 1-liter summa sample canisters with in-line filters (2 microns) and flow controllers (less than 200 milliliters per minute). The initial and final vacuum pressures of each summa canister were measured and recorded on the laboratory chain-of-custody form.

GPR SURVEY

A GeoDesign representative conducted a limited GPR survey of the main parking lot using a 400-MHz antenna and a sir-3000 control and processing unit manufactured by GSSI from Salem, New Hampshire. The GPR testing was completed at a testing rate of 24 scans per foot. Post-processing of the GPR survey data was performed using RADAN (Version 7) computer software programs produced by GSSI. The GPR uses a high frequency electromagnetic pulse to reflect signals back from subsurface material of varying electrical properties. The signal return time is dependent on the conductivity and dielectric properties of the subsurface material. Changes in subsurface material properties or the presence of buried objects or voids can result in reflections in the subsurface. The returned signals of the survey section are recorded in units of depth (inches) and time (nanoseconds) and compiled into a depth profile using the RADAN software. The vertical distances were translated to inches for the interpretation profiles.

DECONTAMINATION

All sampling equipment used in the collection of samples was decontaminated prior to use. Decontamination was performed on all sample re-usable processing equipment that came into contact with sampling media, including tools, stainless steel implements, trowels, etc. Decontamination was performed prior to sampling each location using the following procedures:

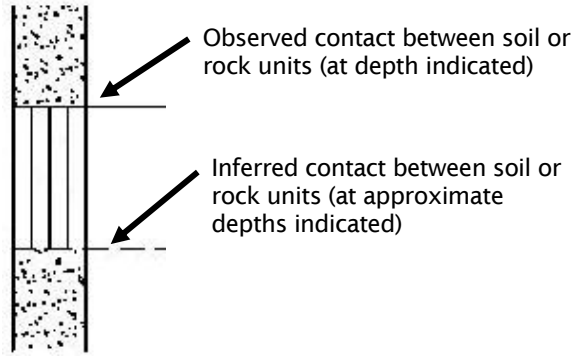
1. Rinsed with tap water and scrubbed with a scrub brush until free of large particles (e.g., sediment or soil)
2. Washed with phosphate-free (Alconox™) detergent solution
3. Rinsed with tap water
4. Rinsed with distilled water

IDW MANAGEMENT

IDW from the borings (soil cuttings and decontamination water) was placed into two 55-gallon drums and one 16-gallon drum and temporarily left on the Property pending disposal.

SYMBOL	SAMPLING DESCRIPTION
	Location of sample collected in general accordance with ASTM D1586 using Standard Penetration Test with recovery
	Location of sample collected using thin-wall Shelby tube or Geoprobe® sampler in general accordance with ASTM D1587 with recovery
	Location of sample collected using Dames & Moore sampler and 300-pound hammer or pushed with recovery
	Location of sample collected using Dames & Moore sampler and 140-pound hammer or pushed with recovery
	Location of sample collected using 3-inch-O.D. California split-spoon sampler and 140-pound hammer with recovery
	Location of grab sample
	Rock coring interval
	Water level during drilling
	Water level taken on date shown

Graphic Log of Soil and Rock Types



GEOTECHNICAL TESTING EXPLANATIONS

ATT	Atterberg Limits	P	Pushed Sample
CBR	California Bearing Ratio	PP	Pocket Penetrometer
CON	Consolidation	P200	Percent Passing U.S. Standard No. 200 Sieve
DD	Dry Density		
DS	Direct Shear	RES	Resilient Modulus
HYD	Hydrometer Gradation	SIEV	Sieve Gradation
MC	Moisture Content	TOR	Torvane
MD	Moisture-Density Relationship	UC	Unconfined Compressive Strength
NP	Non-Plastic	VS	Vane Shear
OC	Organic Content	kPa	Kilopascal

ENVIRONMENTAL TESTING EXPLANATIONS

CA	Sample Submitted for Chemical Analysis	ND	Not Detected
P	Pushed Sample	NS	No Visible Sheen
PID	Photoionization Detector Headspace Analysis	SS	Slight Sheen
		MS	Moderate Sheen
ppm	Parts per Million	HS	Heavy Sheen

GEODESIGN INC
9450 SW Commerce Circle - Suite 300
Wilsonville OR 97070
503.968.8787 www.geodesigninc.com

EXPLORATION KEY

TABLE B-1

RELATIVE DENSITY - COARSE-GRAINED SOIL

Relative Density	Standard Penetration Resistance	Dames & Moore Sampler (140-pound hammer)	Dames & Moore Sampler (300-pound hammer)
Very Loose	0 – 4	0 – 11	0 – 4
Loose	4 – 10	11 – 26	4 – 10
Medium Dense	10 – 30	26 – 74	10 – 30
Dense	30 – 50	74 – 120	30 – 47
Very Dense	More than 50	More than 120	More than 47

CONSISTENCY - FINE-GRAINED SOIL

Consistency	Standard Penetration Resistance	Dames & Moore Sampler (140-pound hammer)	Dames & Moore Sampler (300-pound hammer)	Unconfined Compressive Strength (tsf)
Very Soft	Less than 2	Less than 3	Less than 2	Less than 0.25
Soft	2 – 4	3 – 6	2 – 5	0.25 – 0.50
Medium Stiff	4 – 8	6 – 12	5 – 9	0.50 – 1.0
Stiff	8 – 15	12 – 25	9 – 19	1.0 – 2.0
Very Stiff	15 – 30	25 – 65	19 – 31	2.0 – 4.0
Hard	More than 30	More than 65	More than 31	More than 4.0

PRIMARY SOIL DIVISIONS			GROUP SYMBOL	GROUP NAME
COARSE-GRAINED SOIL (more than 50% retained on No. 200 sieve)	GRAVEL (more than 50% of coarse fraction retained on No. 4 sieve)	CLEAN GRAVEL (< 5% fines)	GW or GP	GRAVEL
		GRAVEL WITH FINES (≥ 5% and ≤ 12% fines)	GW-GM or GP-GM	GRAVEL with silt
			GW-GC or GP-GC	GRAVEL with clay
		GRAVEL WITH FINES (> 12% fines)	GM	silty GRAVEL
			GC	clayey GRAVEL
			GC-GM	silty, clayey GRAVEL
	SAND (50% or more of coarse fraction passing No. 4 sieve)	CLEAN SAND (<5% fines)	SW or SP	SAND
		SAND WITH FINES (≥ 5% and ≤ 12% fines)	SW-SM or SP-SM	SAND with silt
			SW-SC or SP-SC	SAND with clay
		SAND WITH FINES (> 12% fines)	SM	silty SAND
			SC	clayey SAND
			SC-SM	silty, clayey SAND
FINE-GRAINED SOIL (50% or more passing No. 200 sieve)	SILT AND CLAY	Liquid limit less than 50	ML	SILT
			CL	CLAY
			CL-ML	silty CLAY
			OL	ORGANIC SILT or ORGANIC CLAY
		Liquid limit 50 or greater	MH	SILT
			CH	CLAY
			OH	ORGANIC SILT or ORGANIC CLAY
HIGHLY ORGANIC SOIL			PT	PEAT

MOISTURE CLASSIFICATION

Term	Field Test
dry	very low moisture, dry to touch
moist	damp, without visible moisture
wet	visible free water, usually saturated

ADDITIONAL CONSTITUENTS

Secondary granular components or other materials such as organics, man-made debris, etc.

Percent	Silt and Clay In: Fine-Grained Soil	Silt and Clay In: Coarse-Grained Soil	Percent	Sand and Gravel In: Fine-Grained Soil	Sand and Gravel In: Coarse-Grained Soil
< 5	trace	trace	< 5	trace	trace
5 – 12	minor	with	5 – 15	minor	minor
> 12	some	silty/clayey	15 – 30	with	with
			> 30	sandy/gravelly	Indicate %

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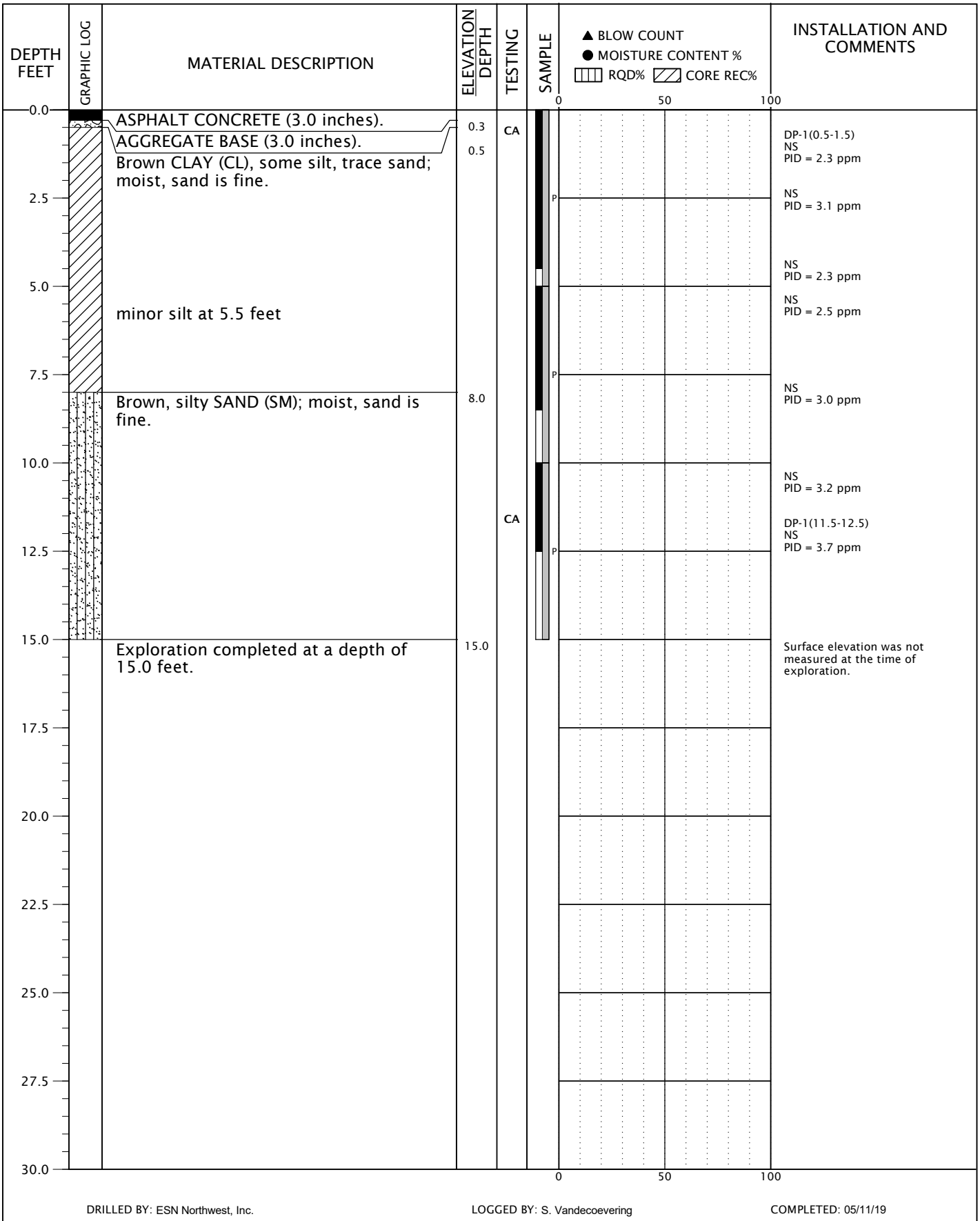
SOIL CLASSIFICATION SYSTEM

TABLE B-2



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COMPLETED: 05/11/19

BORING METHOD: direct push (see document text)

BORING BIT DIAMETER: 2 1/4 inches

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MILLCREEK-19-01-03

BORING DP-1

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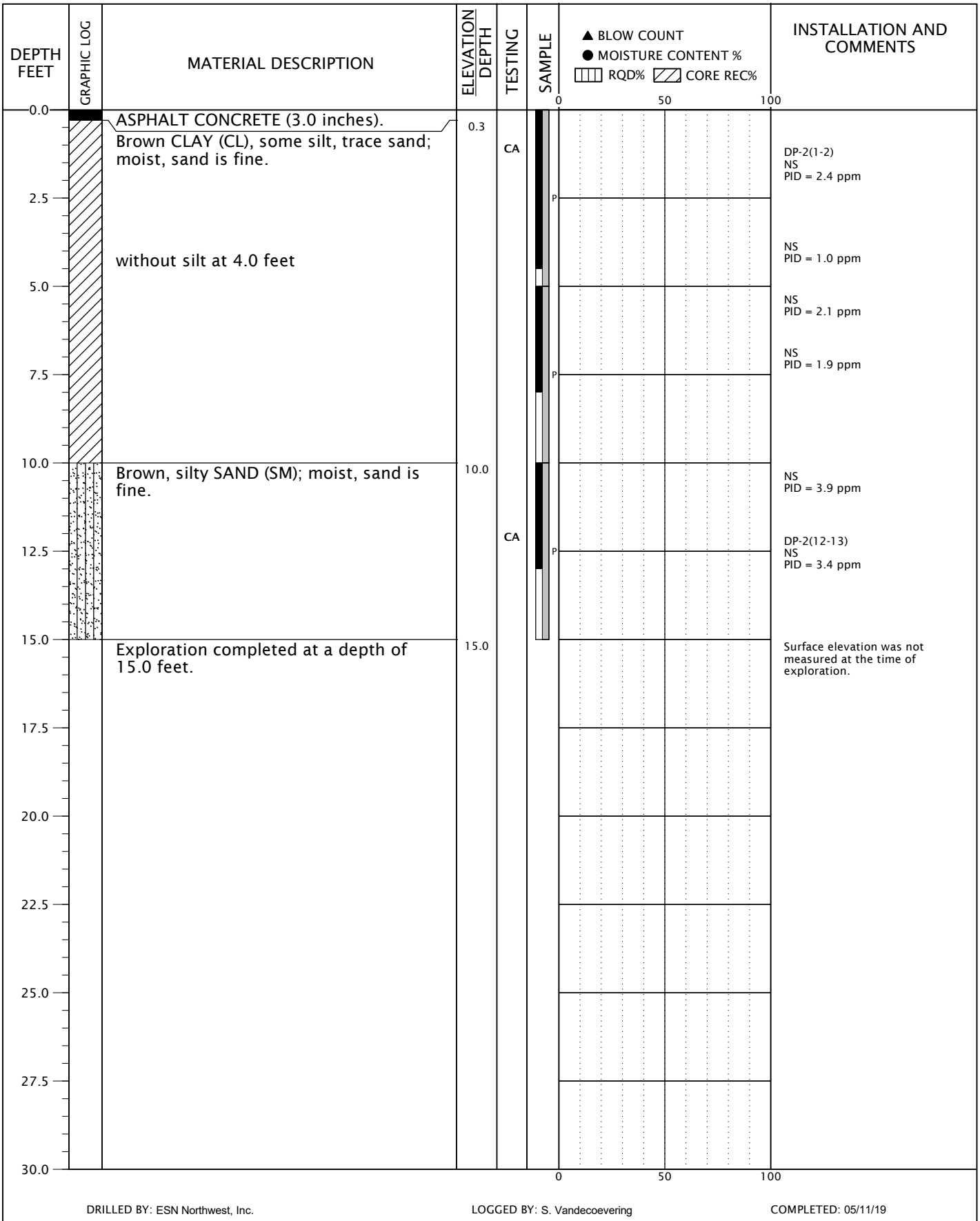
FIGURE B-1

BORING LOG MILLCREEK-19-01-03-DP1_32-HA1_14.GPJ GEODESIGN.GDT PRINT DATE: 8/28/19:KM:KT



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BORING BIT DIAMETER: 2 1/4 inches

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FIGURE B-2

BORING LOG MILLCREEK-19-01-03-DP1_32-HA1_14.GPJ GEODESIGN.GDT PRINT DATE: 8/28/19:KM:KT

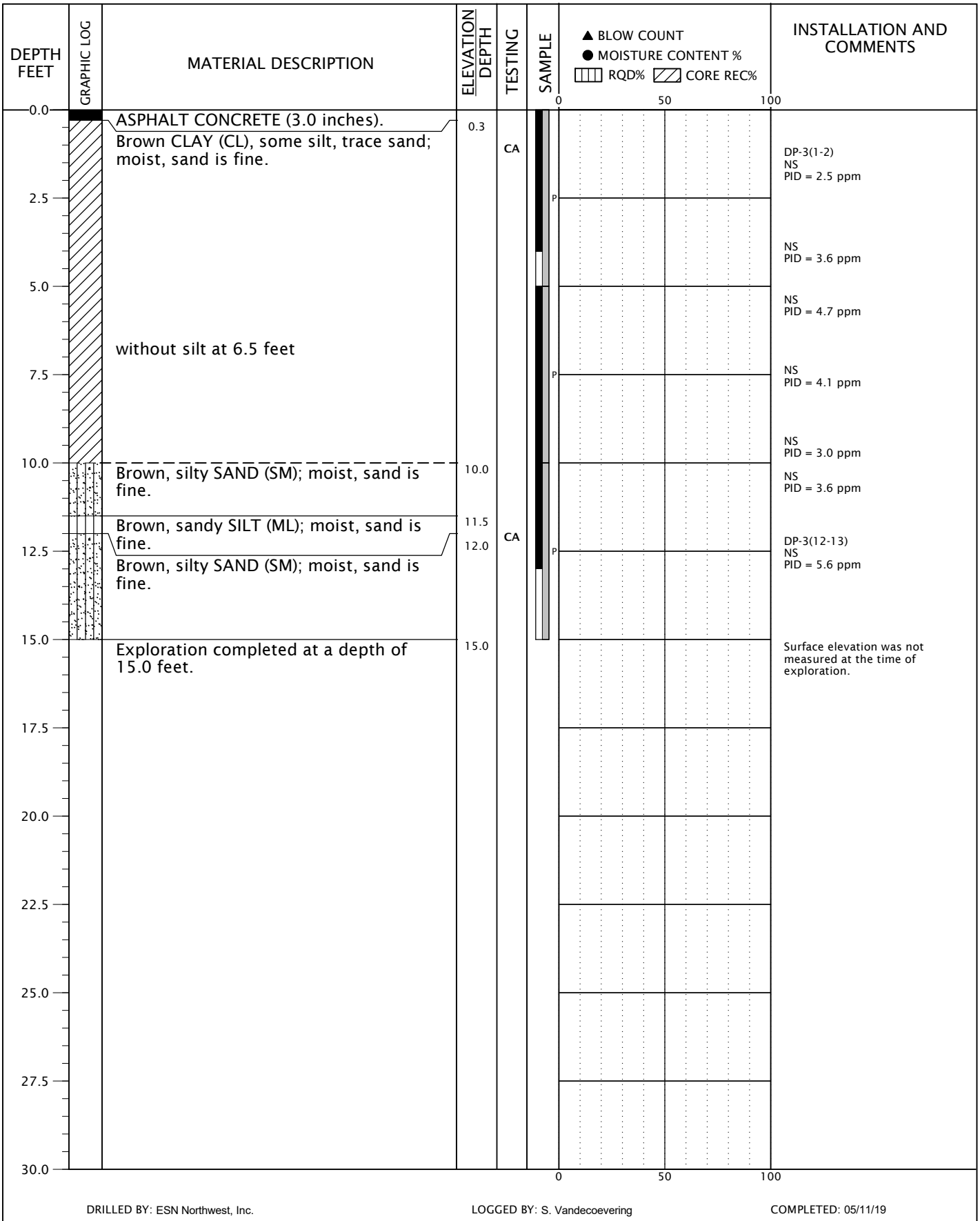

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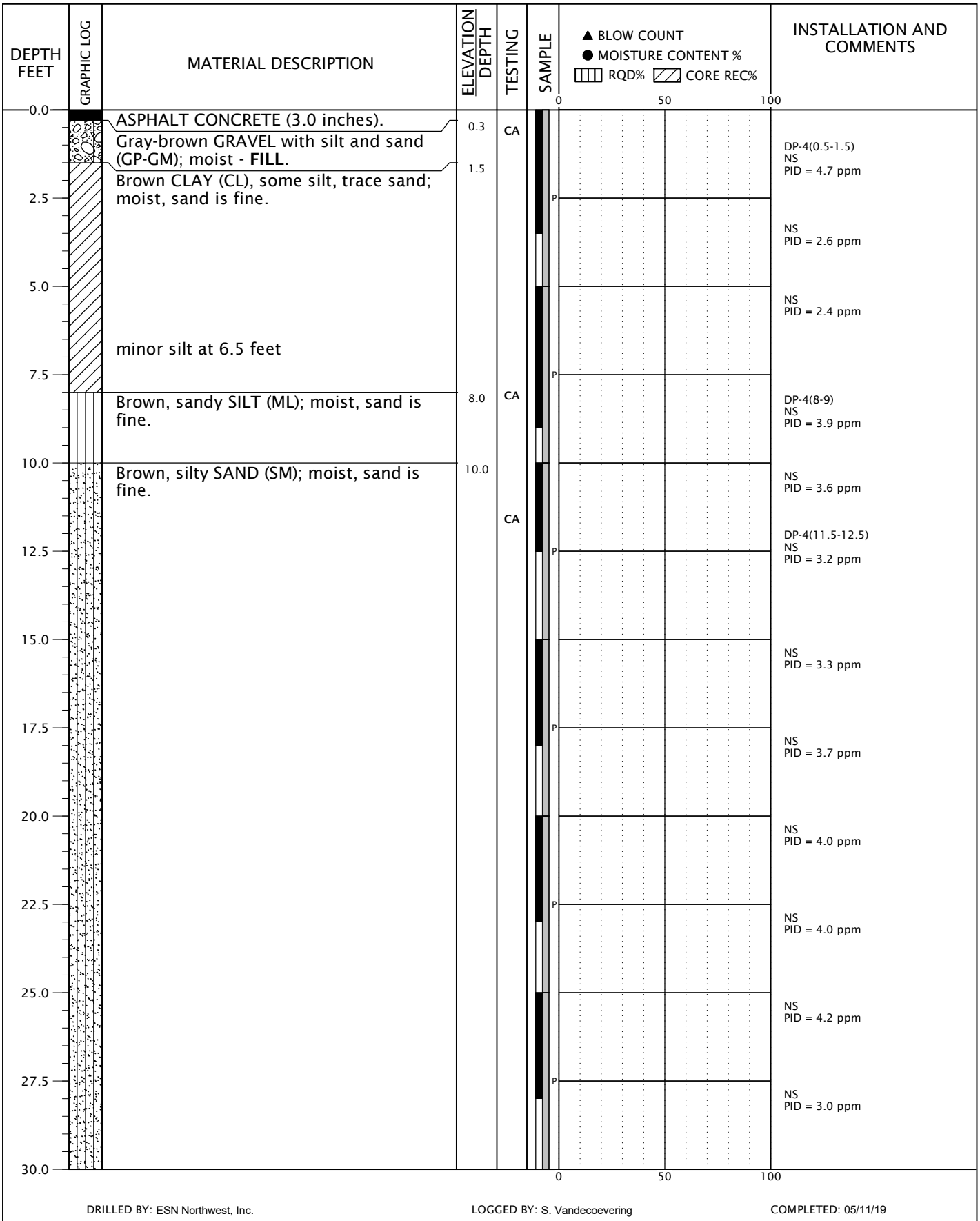
FIGURE B-3

BORING LOG MILLCREEK-19-01-03-DP1_32-HA1_14.GPJ GEODESIGN.GDT PRINT DATE: 8/28/19:KM:KT



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BORING DP-4

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FIGURE B-4

DEPTH FEET	GRAPHIC LOG	MATERIAL DESCRIPTION	ELEVATION DEPTH	TESTING	SAMPLE	▲ BLOW COUNT ● MOISTURE CONTENT % RQD% CORE REC% 0 50 100	INSTALLATION AND COMMENTS
30.0		Exploration completed at a depth of 30.0 feet.	30.0				Surface elevation was not measured at the time of exploration.
32.5							
35.0							
37.5							
40.0							
42.5							
45.0							
47.5							
50.0							
52.5							
55.0							
57.5							
60.0						0 50 100	

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BORING METHOD: direct push (see document text) BORING BIT DIAMETER: 2 1/4 inches

BORING LOG MILLCREEK-19-01-03-DP1_32-HA1_14.GPJ GEODESIGN.GDT PRINT DATE: 8/28/19:KM:KT

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MILLCREEK-19-01-03

BORING DP-4
(continued)

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FIGURE B-4

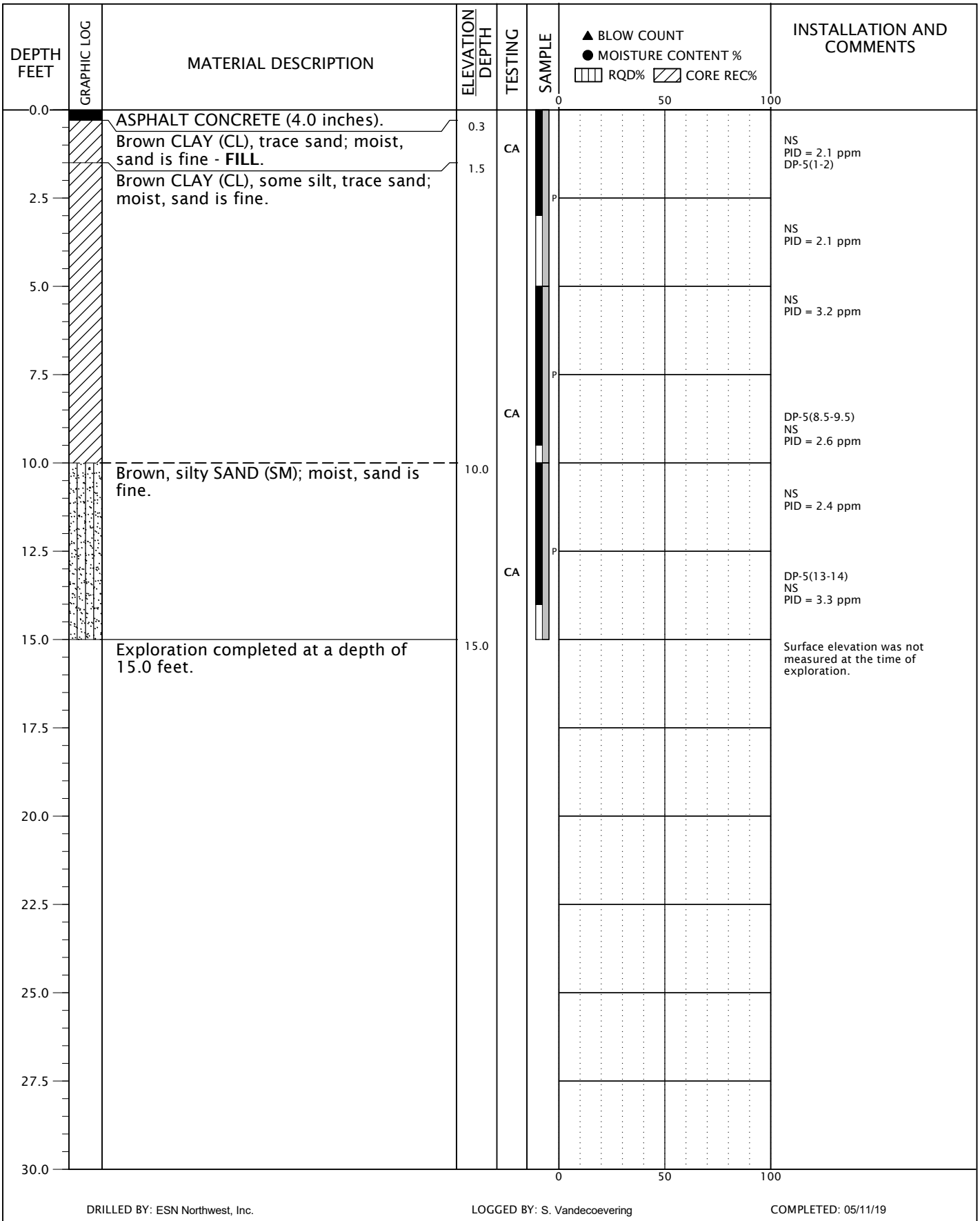

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FIGURE B-5

BORING LOG MILLCREEK-19-01-03-DP1_32-HA1_14.GPJ GEODESIGN.GDT PRINT DATE: 8/28/19:KM:KT

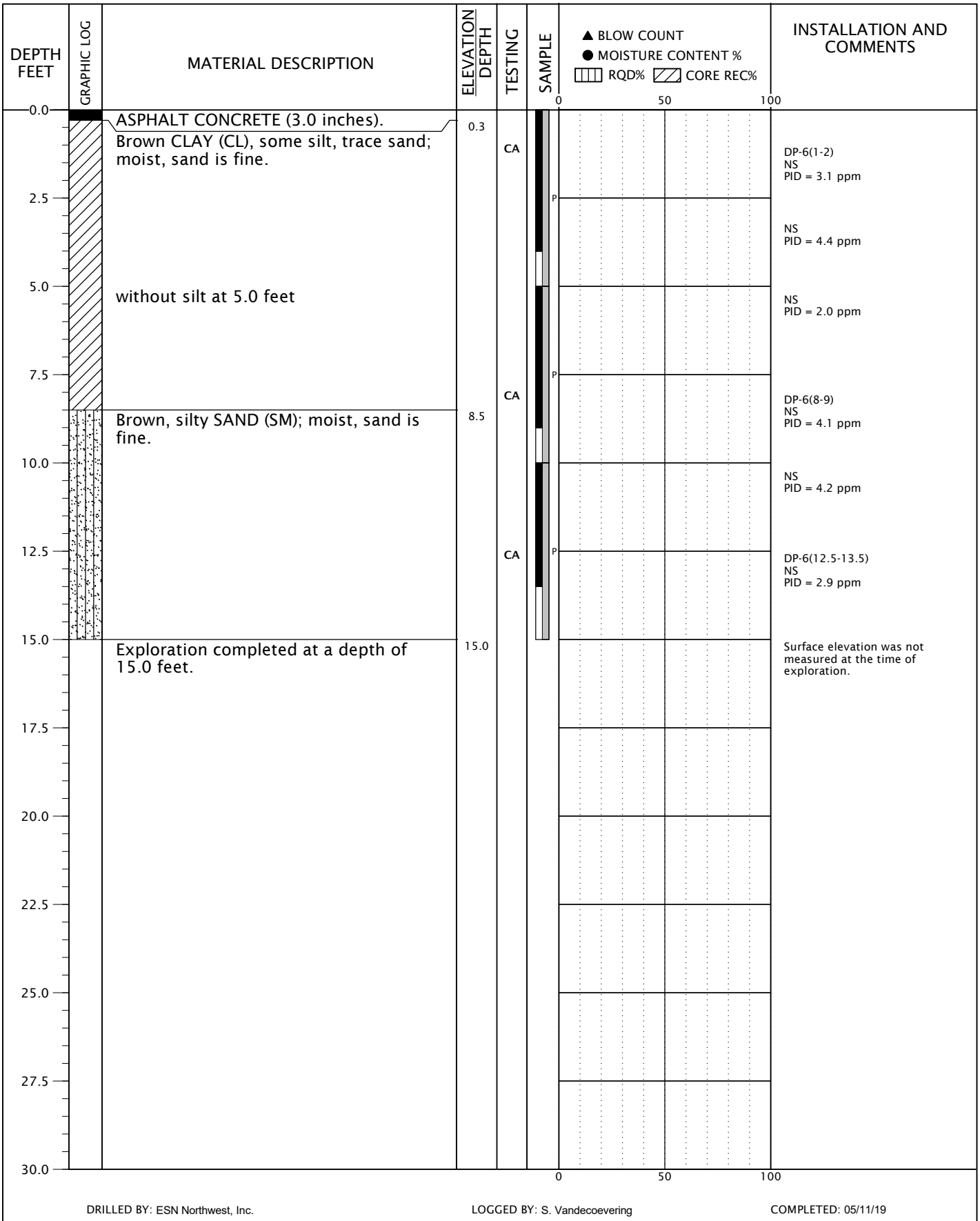

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FIGURE B-6

BORING LOG MILLCREEK-19-01-03-DP1_32-HA1_14.GPJ GEODESIGN.GDT PRINT DATE: 8/28/19:KM:KT

DEPTH FEET	GRAPHIC LOG	MATERIAL DESCRIPTION	ELEVATION DEPTH	TESTING	SAMPLE	▲ BLOW COUNT ● MOISTURE CONTENT % RQD% CORE REC% (0 / 50 / 100)	INSTALLATION AND COMMENTS
0.0		ASPHALT CONCRETE (5.0 inches).	0.4				
		Brown SAND (SP), minor gravel, trace silt; moist, sand is fine - **FILL**.		CA	P		DP-7(1-2) NS PID = 2.6 ppm
2.5							
5.0							NS PID = 2.5 ppm
				CA			DP-7(6.5-7.5) NS PID = 2.6 ppm
7.5		Brown CLAY (CL), trace sand; moist, sand is fine.	7.0		P		
10.0		Brown, silty SAND (SM); moist, sand is fine.	10.0				NS PID = 1.7 ppm
				CA			DP-7(11.5-12.5) NS PID = 2.1 ppm
12.5					P		
15.0		Exploration completed at a depth of 15.0 feet.	15.0				Surface elevation was not measured at the time of exploration.
17.5							
20.0							
22.5							
25.0							
27.5							
30.0							

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BORING METHOD: direct push (see document text) BORING BIT DIAMETER: 2 1/4 inches

BORING LOG MILLCREEK-19-01-03-DP1_32-HA1_14.GPJ GEODESIGN.GDT PRINT DATE: 8/28/19:KM:KT

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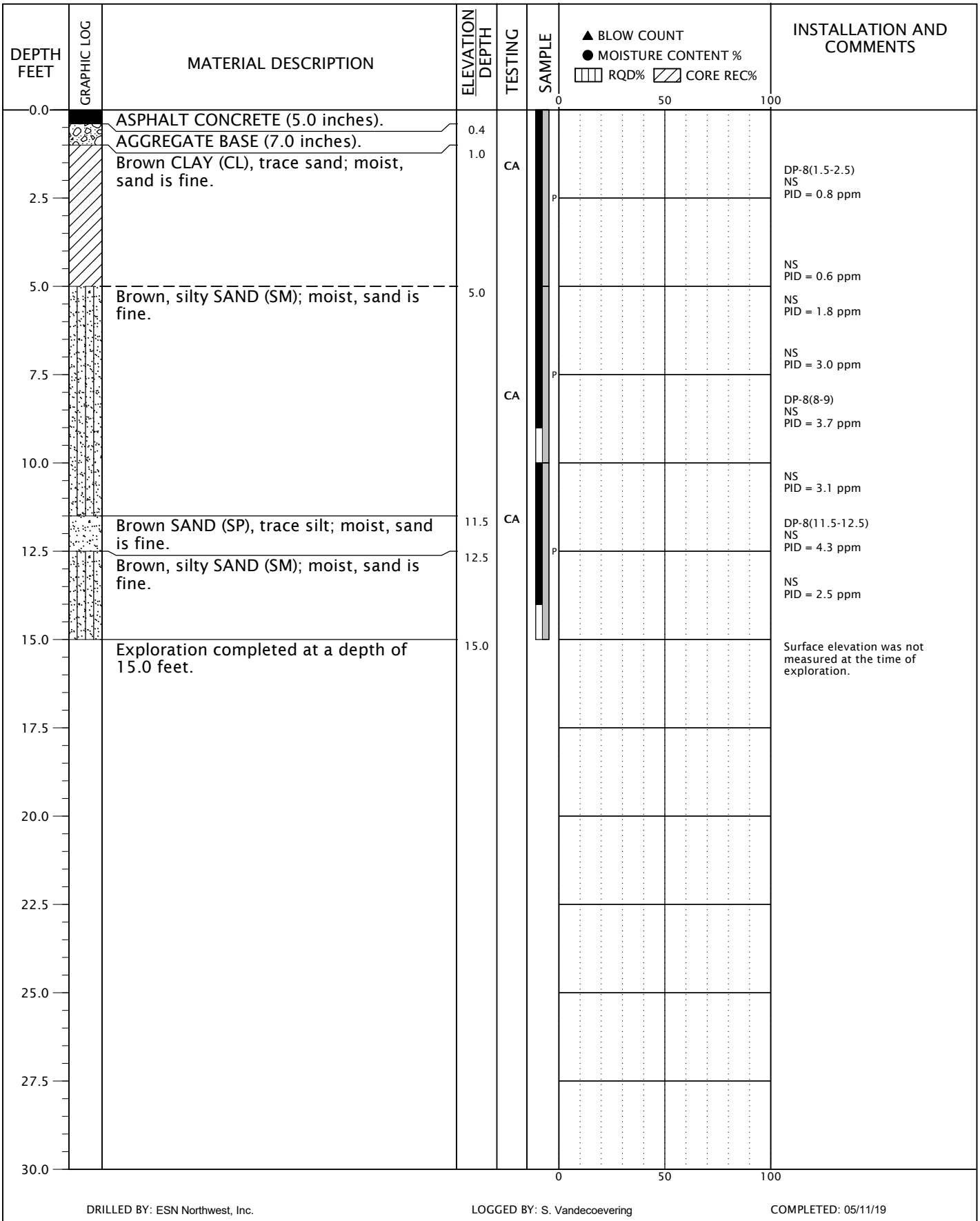
FIGURE B-7



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BORING BIT DIAMETER: 2 1/4 inches

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FIGURE B-8

BORING LOG MILLCREEK-19-01-03-DP1_32-HA1_14.GPJ GEODESIGN.GDT PRINT DATE: 8/28/19:KM:KT

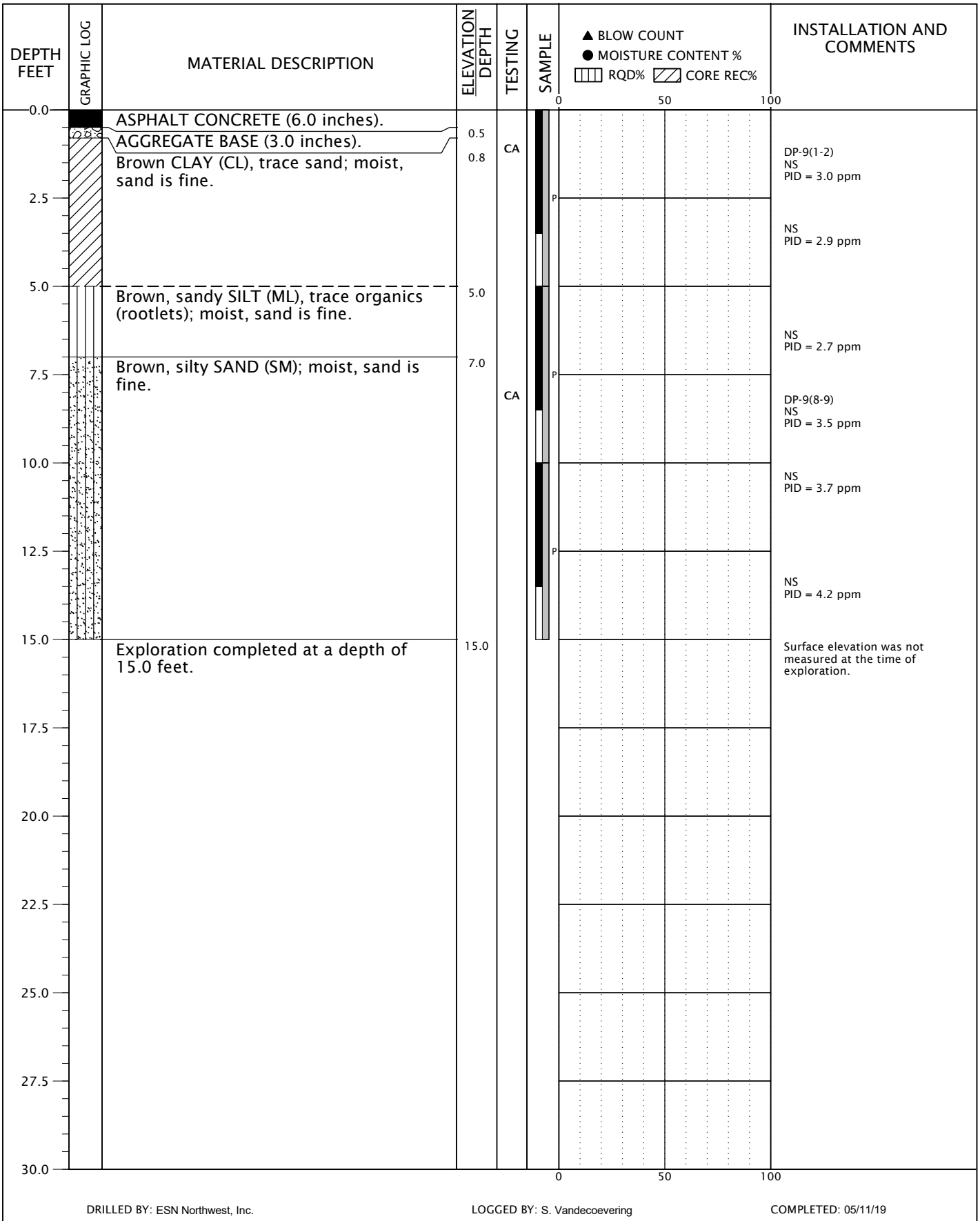

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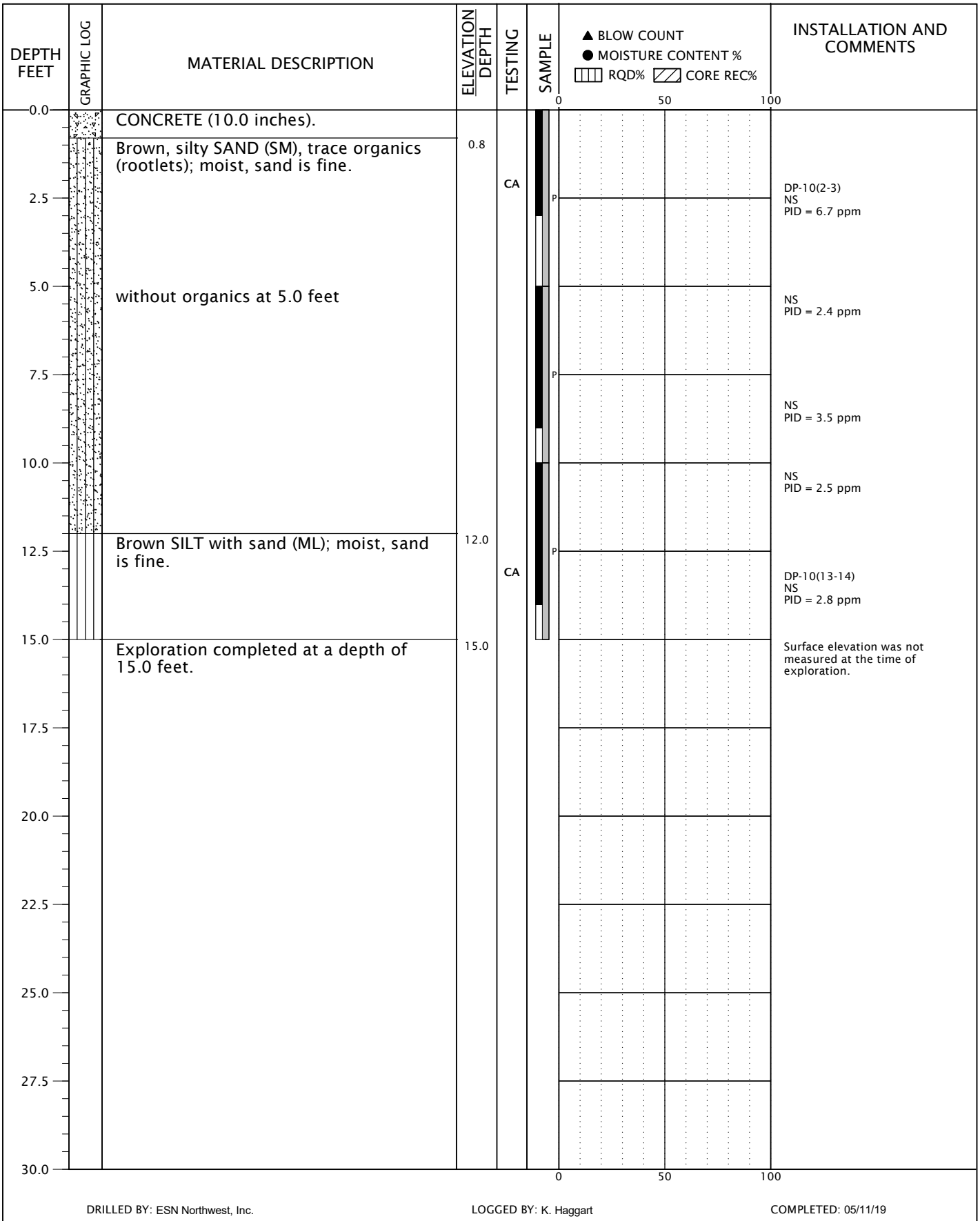
FIGURE B-9

BORING LOG MILLCREEK-19-01-03-DP1_32-HA1_14.GPJ GEODESIGN.GDT PRINT DATE: 8/28/19:KM:KT



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BORING BIT DIAMETER: 2 1/4 inches

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FIGURE B-10

BORING LOG MILLCREEK-19-01-03-DP1_32-HA1_14.GPJ GEODESIGN.GDT PRINT DATE: 8/28/19:KM:KT

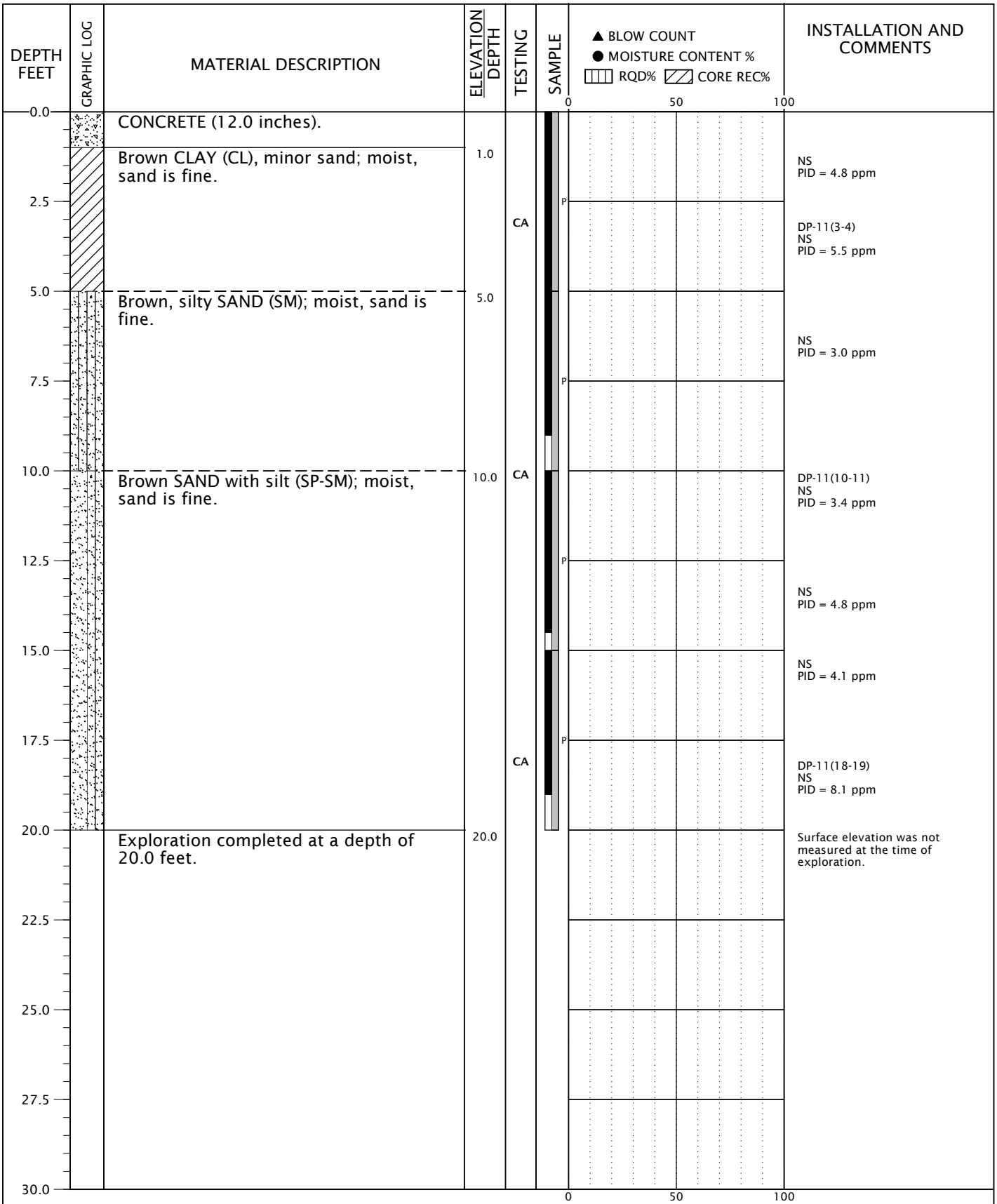

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FIGURE B-11

BORING LOG MILLCREEK-19-01-03-DP1_32-HA1_14.GPJ GEODESIGN.GDT PRINT DATE: 8/28/19:KM:KT

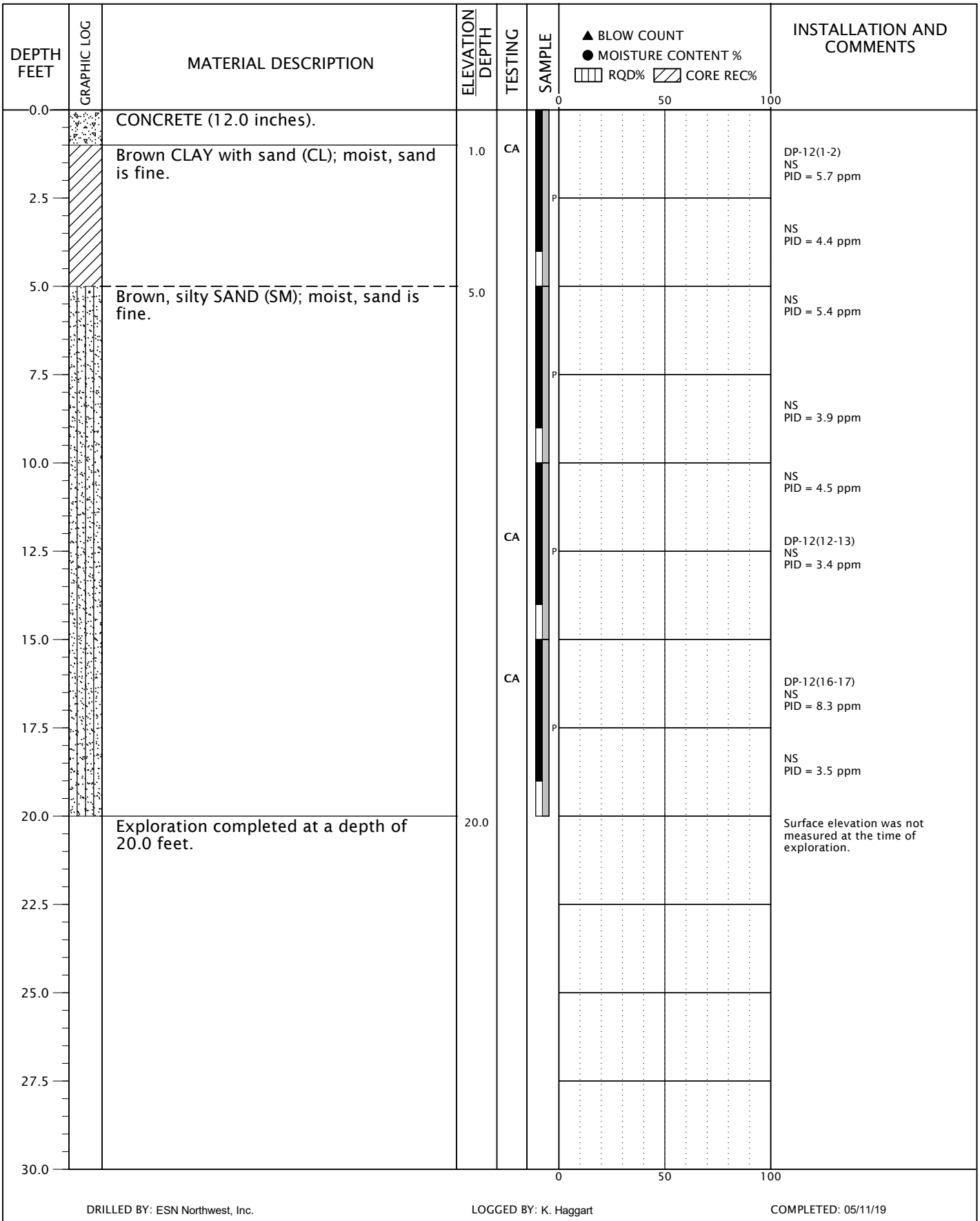

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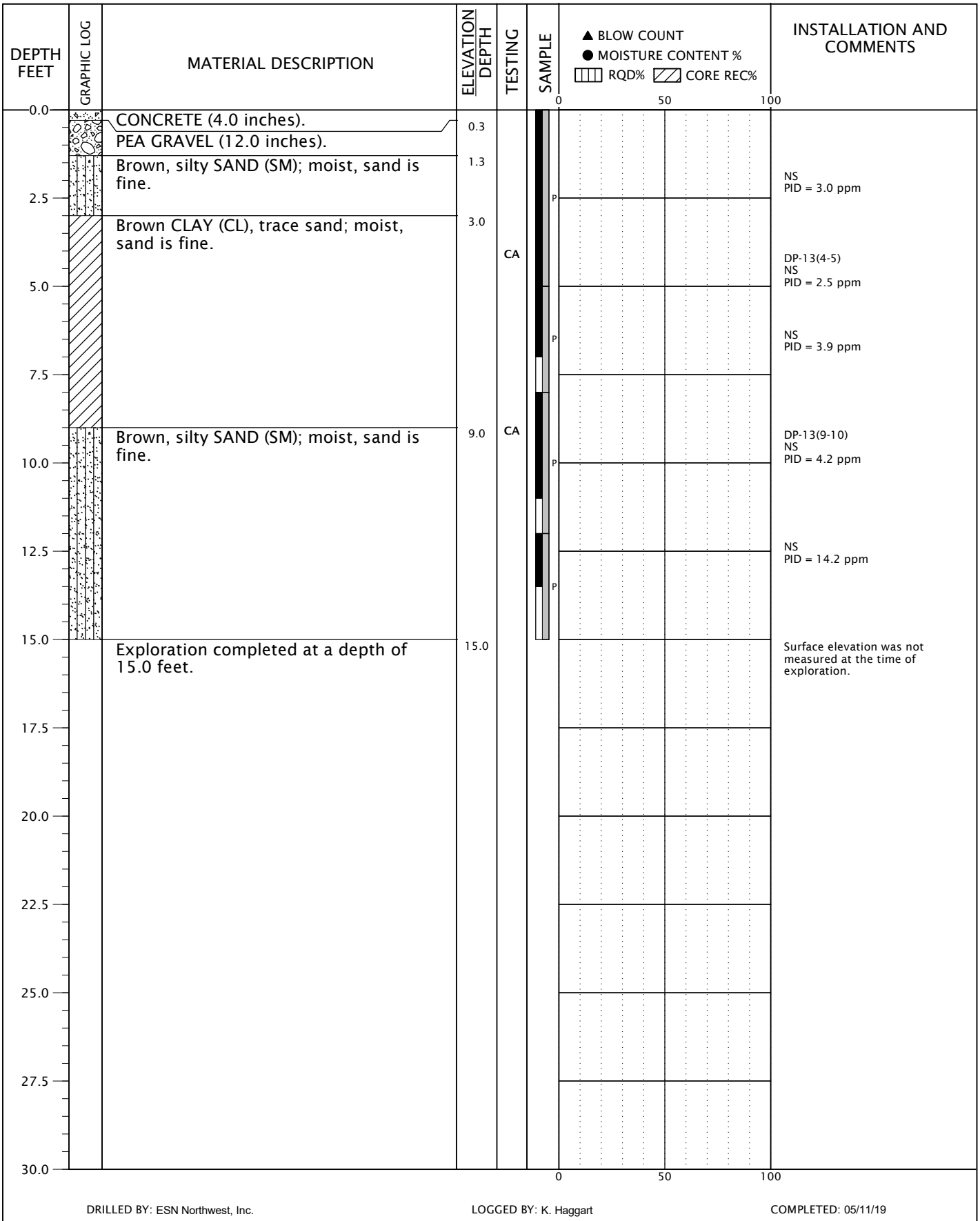
FIGURE B-12

BORING LOG MILLCREEK-19-01-03-DP1_32-HA1_14.GPJ GEODESIGN.GDT PRINT DATE: 8/28/19:KM:KT



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BORING BIT DIAMETER: 2 1/4 inches

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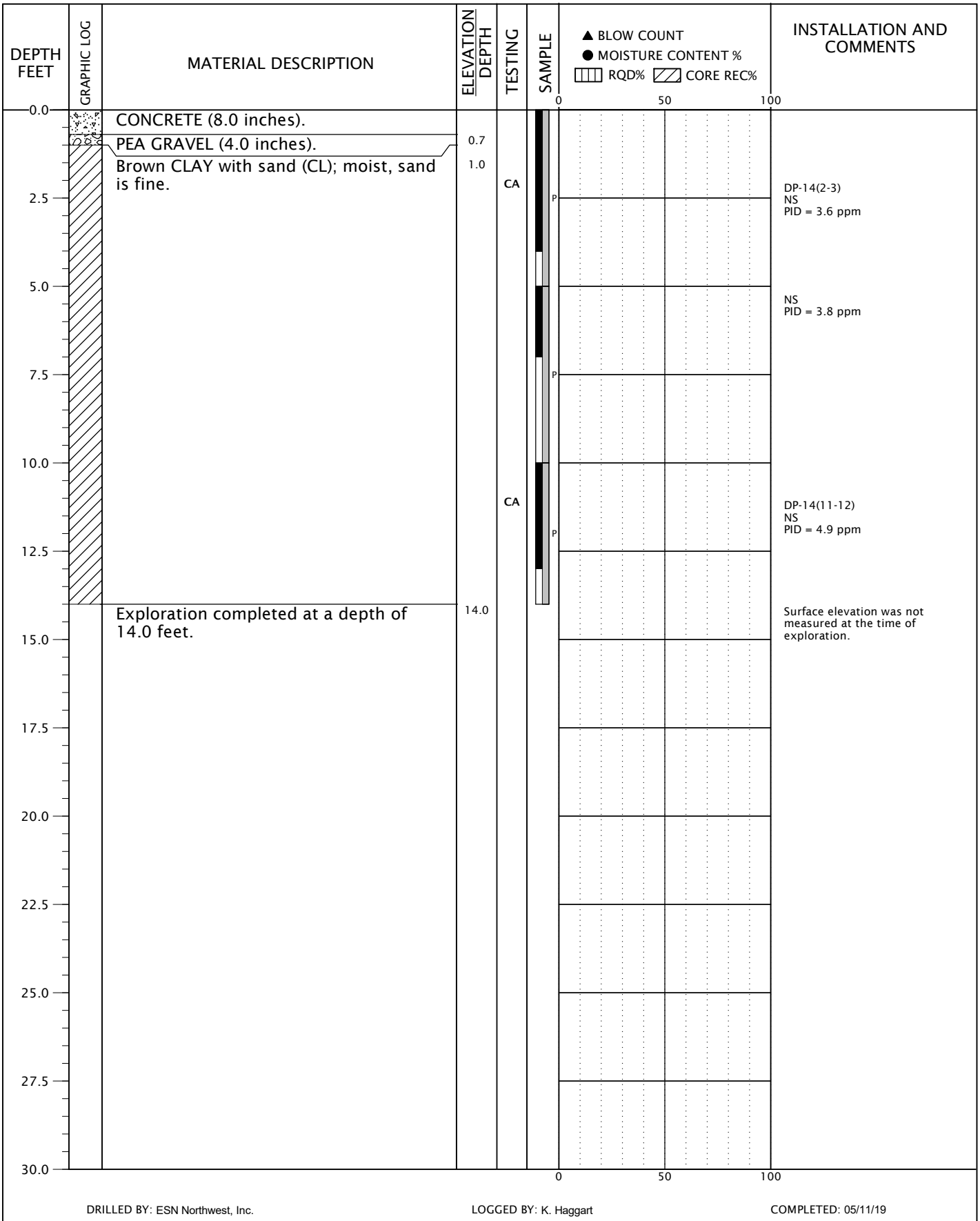
FIGURE B-13

BORING LOG MILLCREEK-19-01-03-DP1_32-HA1_14.GPJ GEODESIGN.GDT PRINT DATE: 8/28/19:KM:KT



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BORING BIT DIAMETER: 2 1/4 inches

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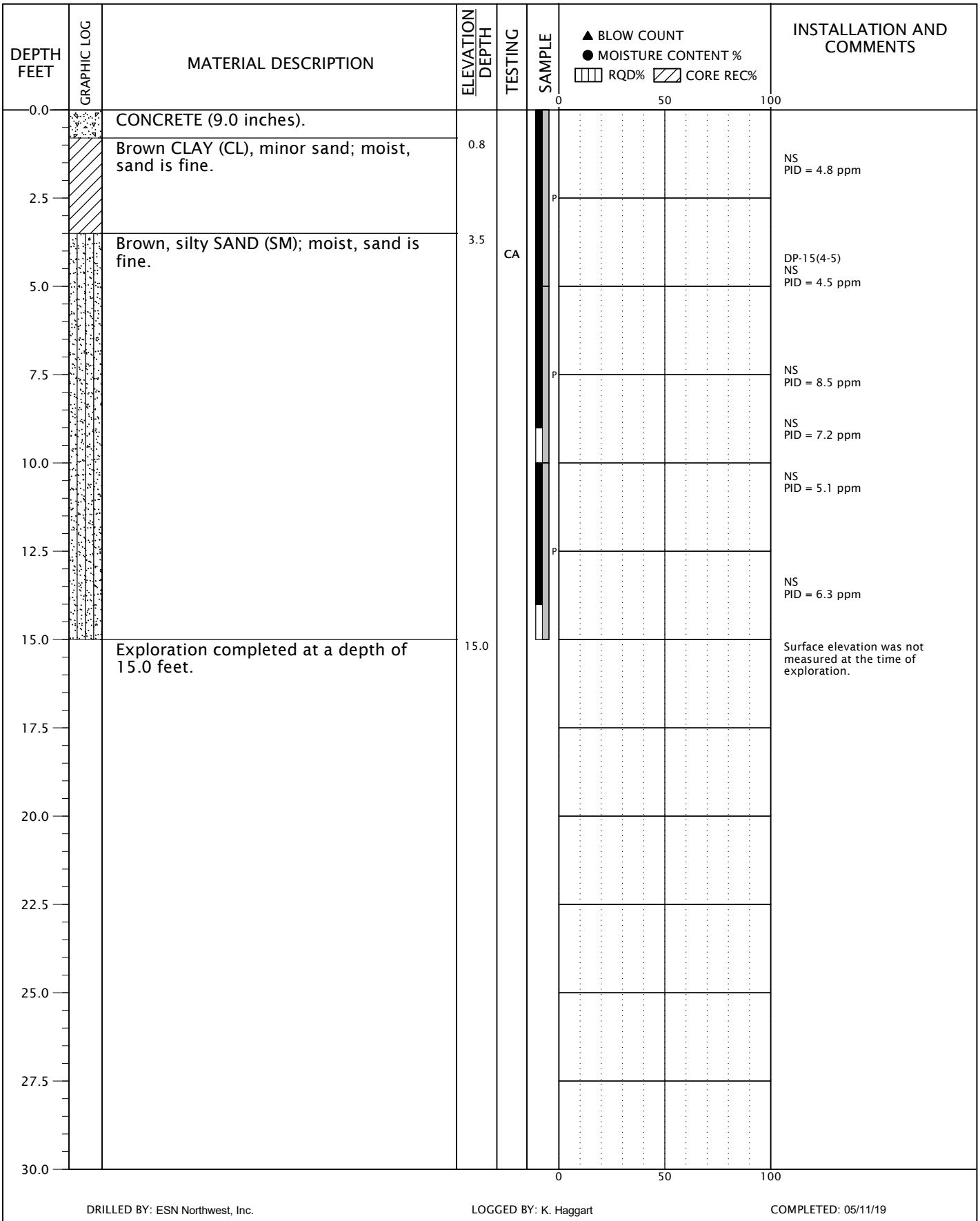
FIGURE B-14



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BORING BIT DIAMETER: 2 1/4 inches

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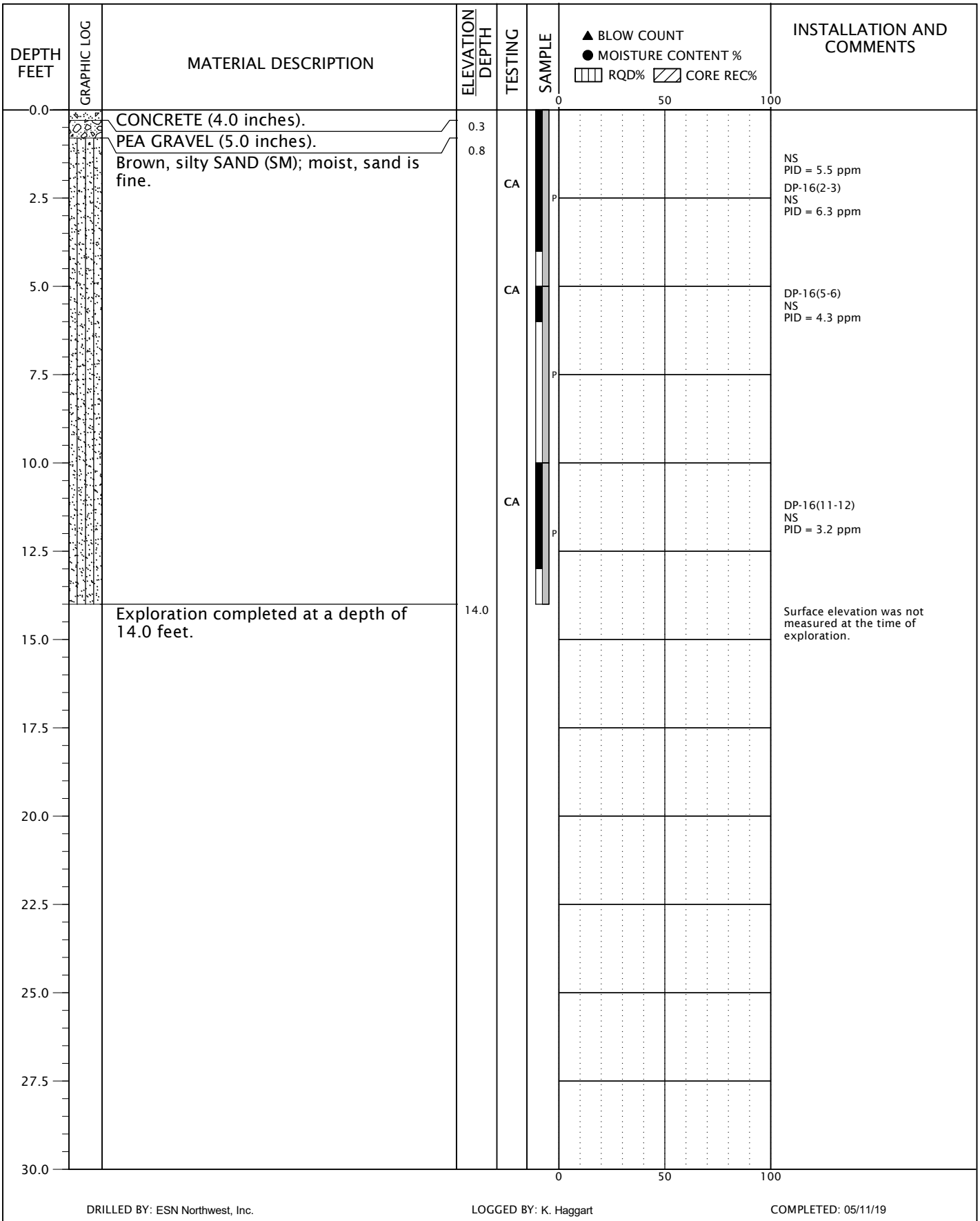
FIGURE B-15

BORING LOG MILLCREEK-19-01-03-DP1_32-HA1_14.GPJ GEODESIGN.GDT PRINT DATE: 8/28/19:KM:KT



DRILLED BY: ESN Northwest, Inc.

LOGGED BY: K. Haggart

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BORING BIT DIAMETER: 2 1/4 inches

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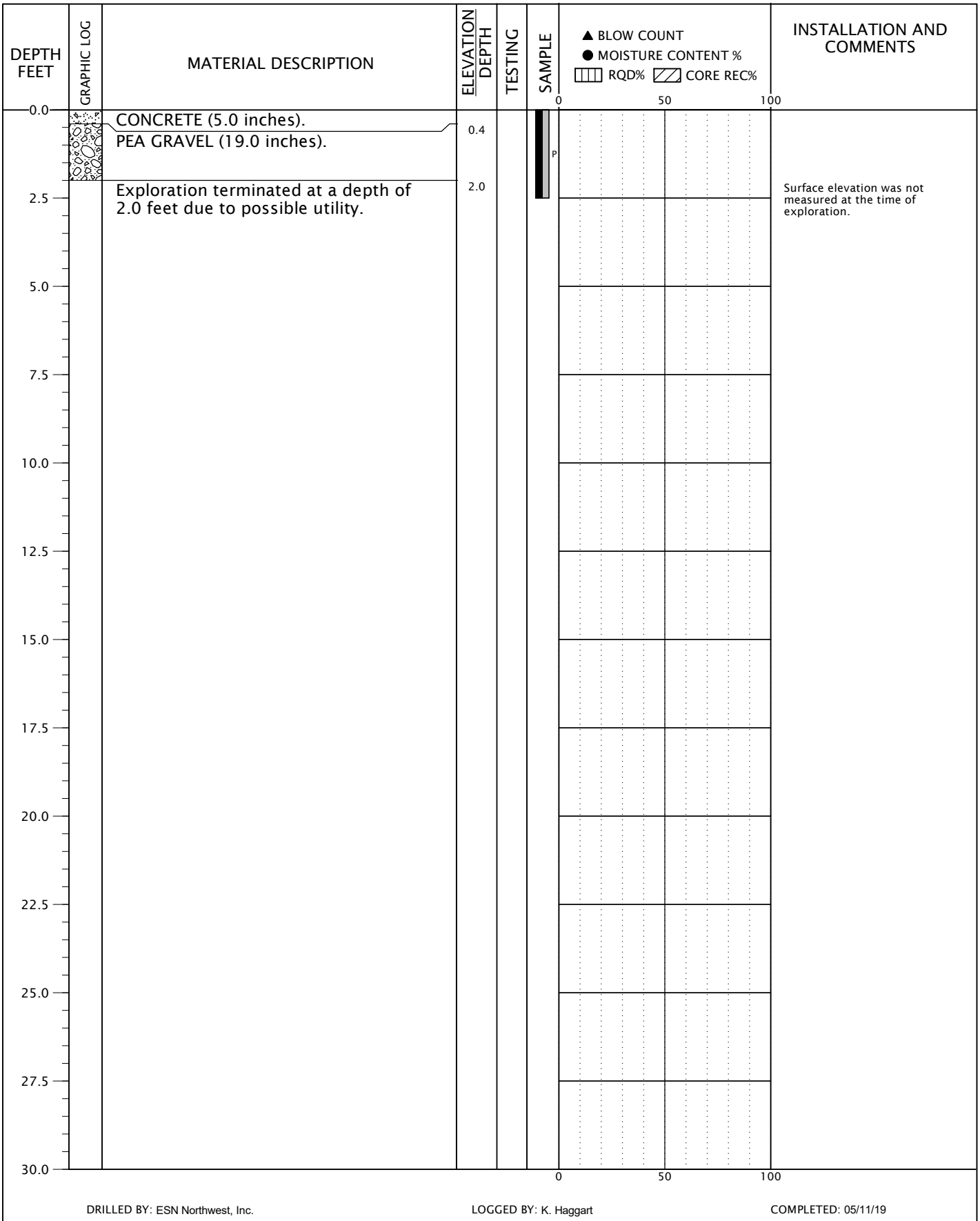
FIGURE B-16

BORING LOG MILLCREEK-19-01-03-DP1_32-HA1_14.GPJ GEODESIGN.GDT PRINT DATE: 8/28/19:KM:KT



BORING LOG MILLCREEK-19-01-03-DP1_32-HA1_14.GPJ GEODESIGN.GDT PRINT DATE: 8/28/19:KM:KT

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BORING DP-17

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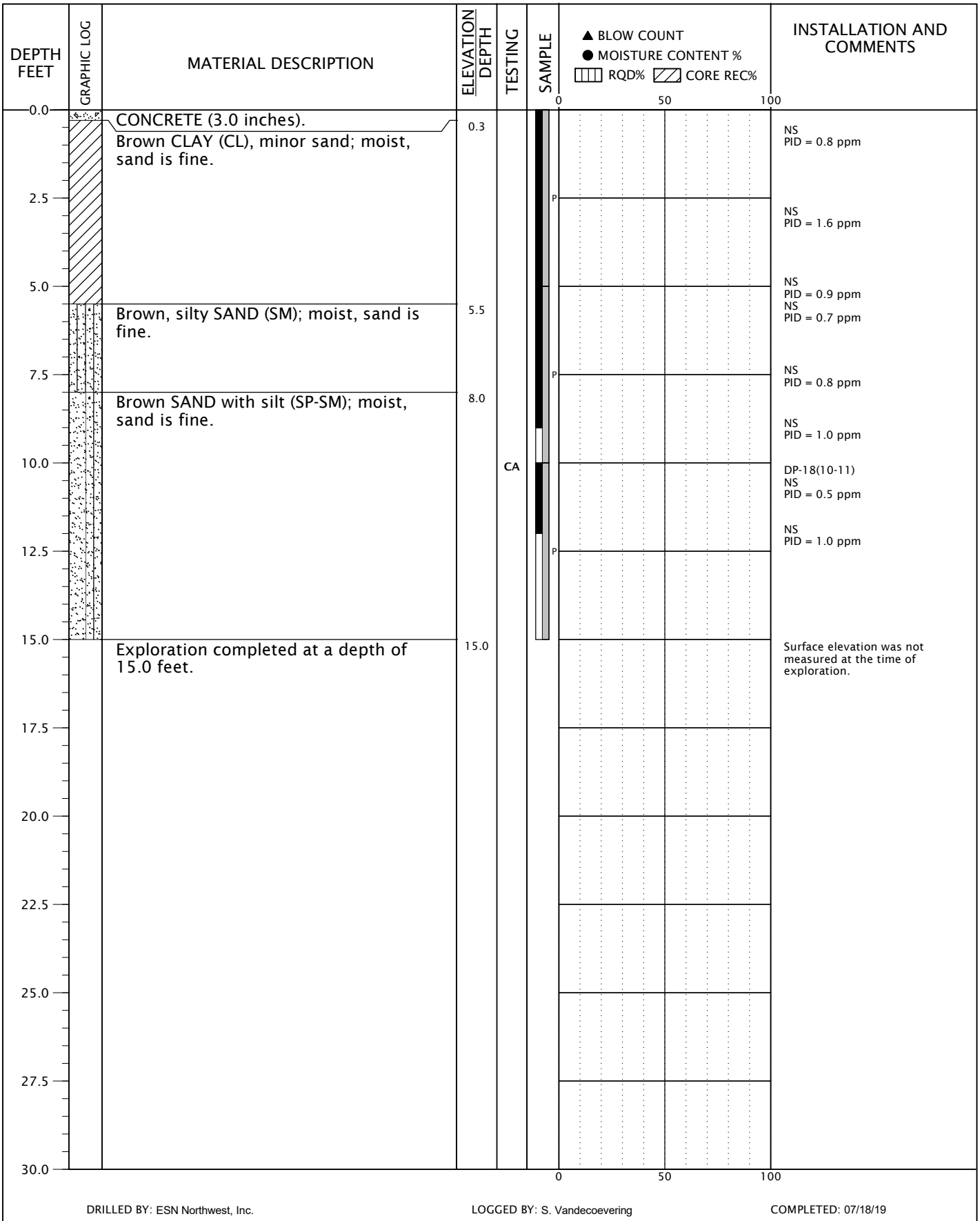
FIGURE B-17



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COMPLETED: 07/18/19

BORING METHOD: direct push (see document text)

BORING BIT DIAMETER: 2 1/4 inches

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BORING DP-18

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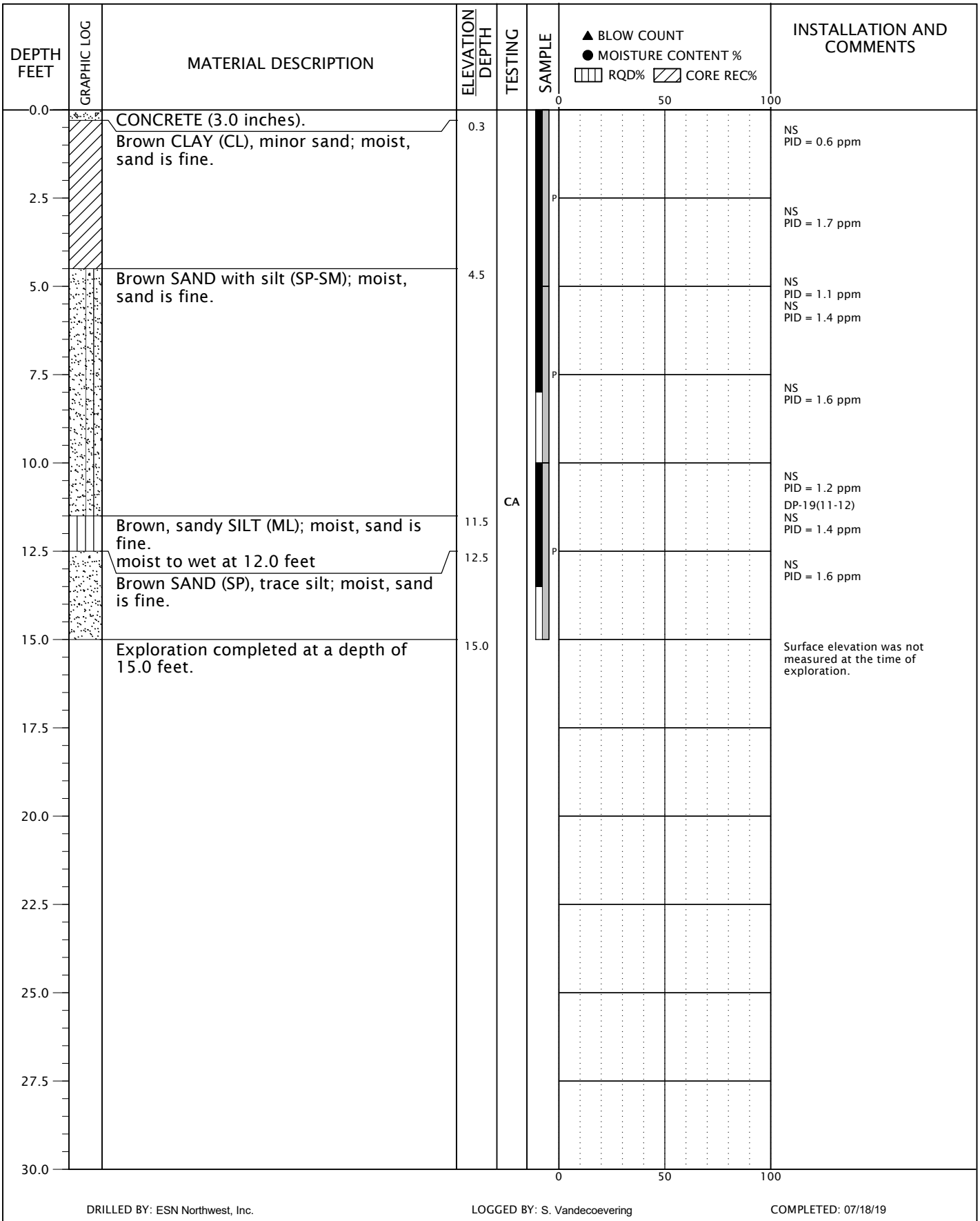
FIGURE B-18

BORING LOG MILLCREEK-19-01-03-DP1_32-HA1_14.GPJ GEODESIGN.GDT PRINT DATE: 8/28/19:KM:KT



DRILLED BY: ESN Northwest, Inc.

LOGGED BY: S. Vandecoevering

COMPLETED: 07/18/19

BORING METHOD: direct push (see document text)

BORING BIT DIAMETER: 2 1/4 inches

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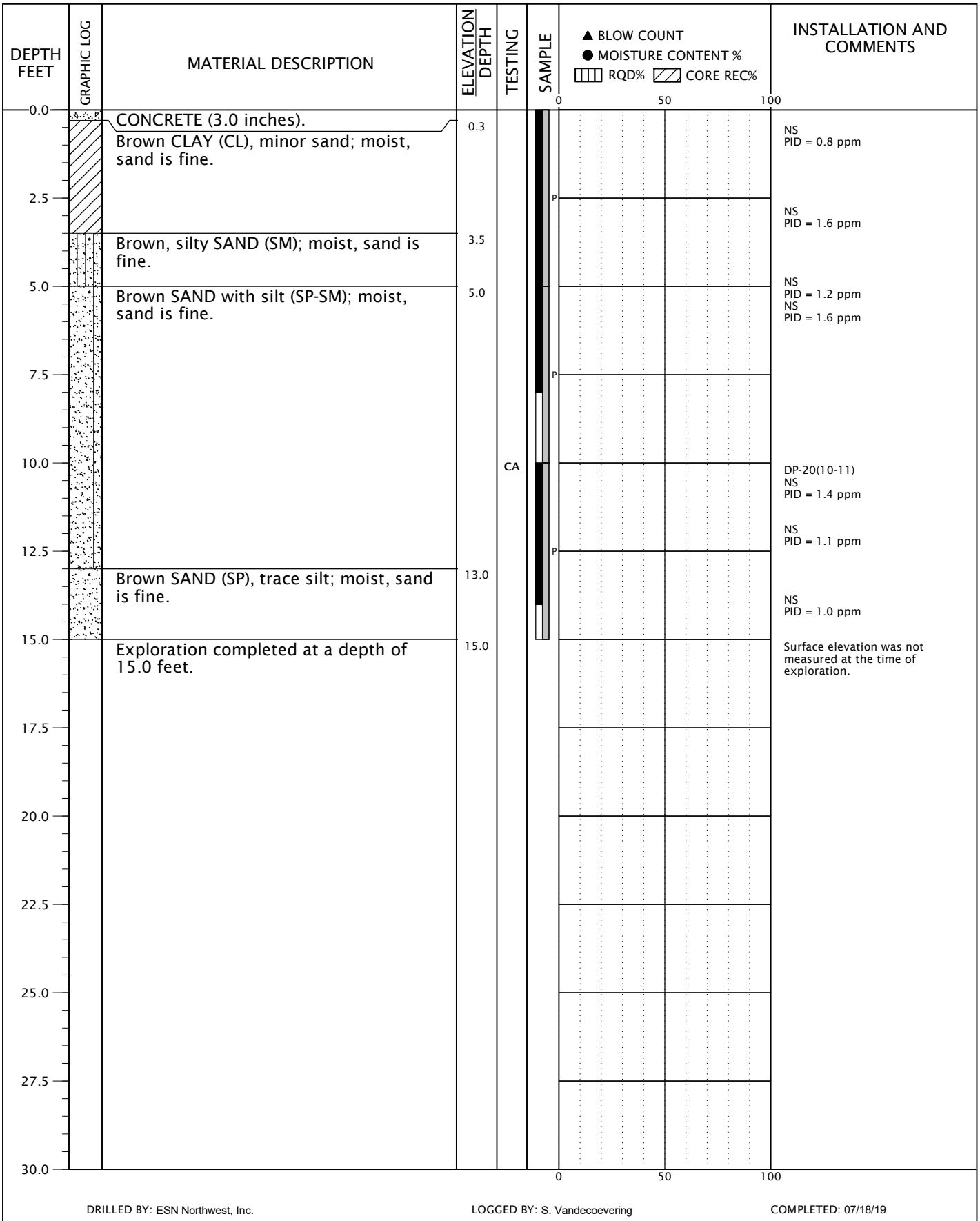
FIGURE B-19



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LOGGED BY: S. Vandecoevering

COMPLETED: 07/18/19

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BORING DP-20

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MODERA MORRISON
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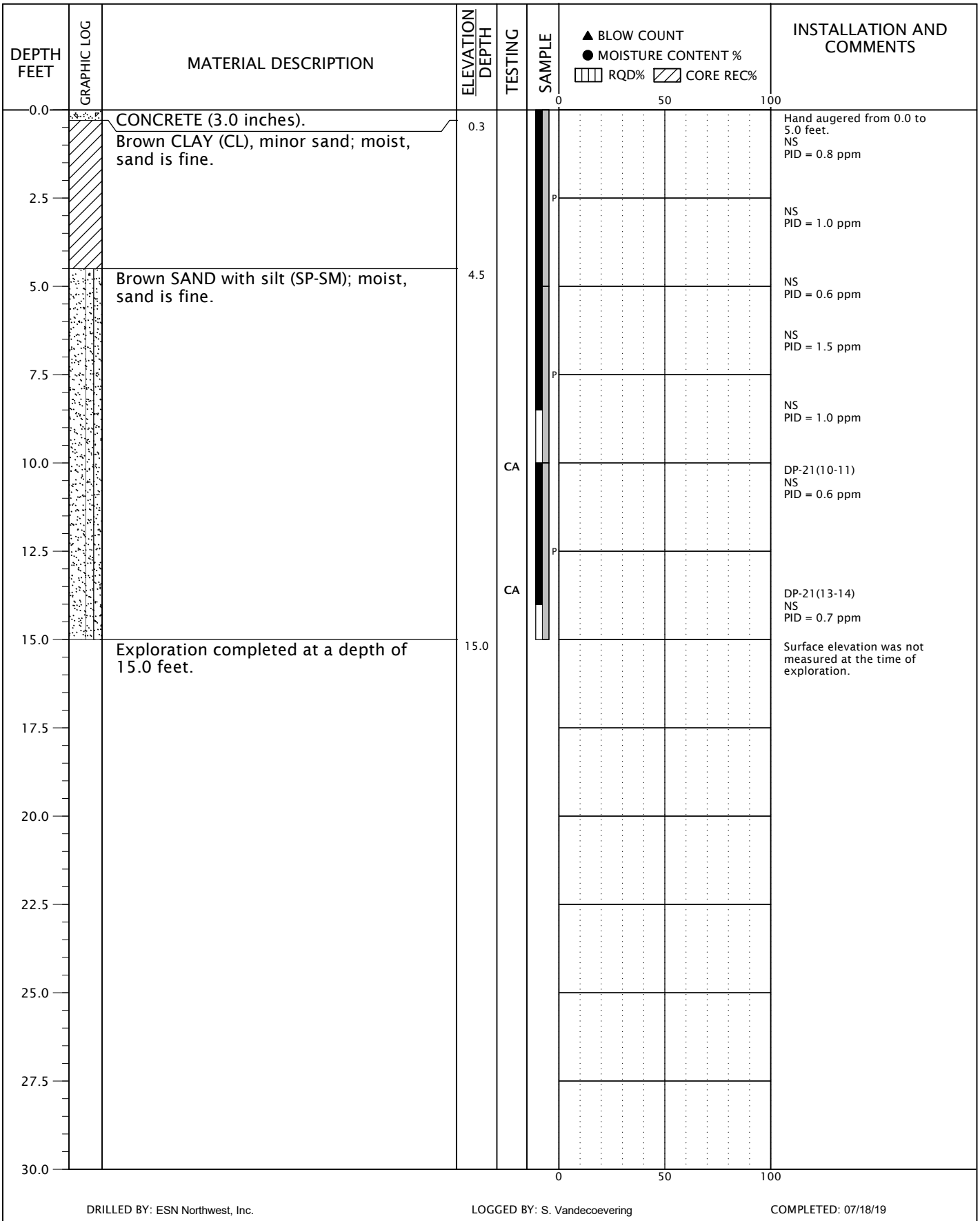
FIGURE B-20

BORING LOG MILLCREEK-19-01-03-DP1_32-HA1_14.GPJ GEODESIGN.GDT PRINT DATE: 8/28/19:KM:KT



DRILLED BY: ESN Northwest, Inc.

LOGGED BY: S. Vandecoevering

COMPLETED: 07/18/19

BORING METHOD: direct push (see document text)

BORING BIT DIAMETER: 2 1/4 inches

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MILLCREEK-19-01-03

BORING DP-21

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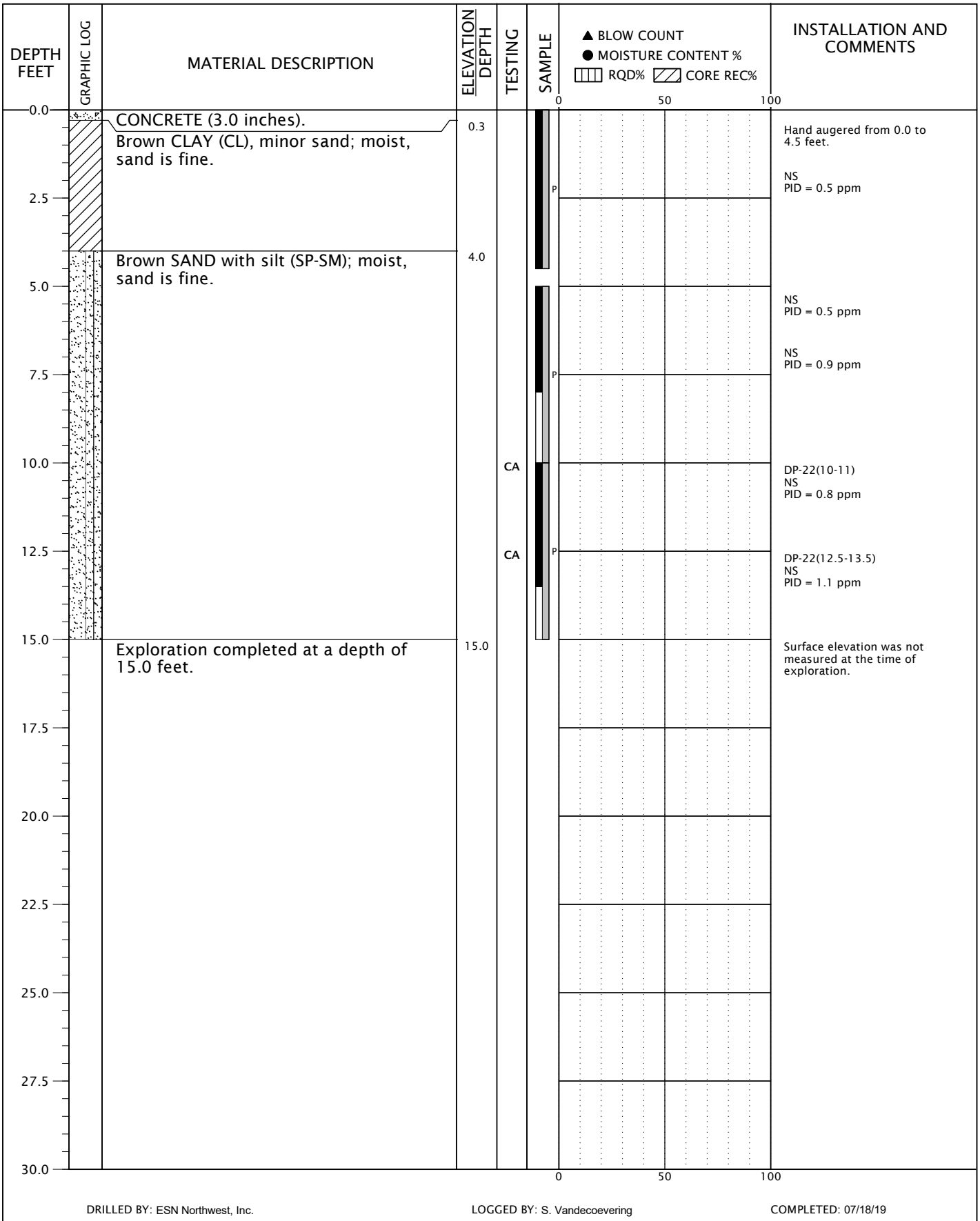
FIGURE B-21

BORING LOG MILLCREEK-19-01-03-DP1_32-HA1_14.GPJ GEODESIGN.GDT PRINT DATE: 8/28/19:KM:KT



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BORING METHOD: direct push (see document text)

BORING BIT DIAMETER: 2 1/4 inches

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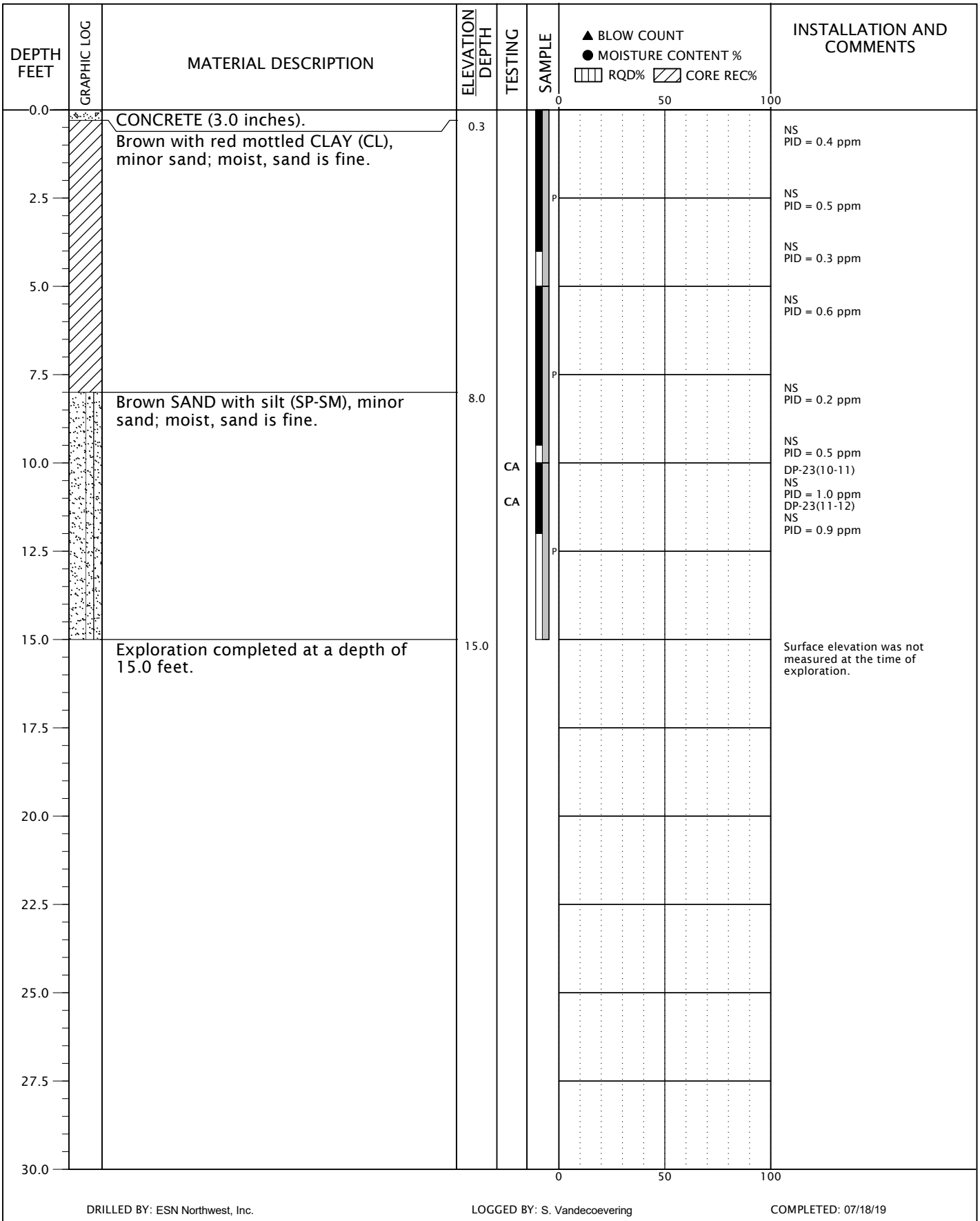
FIGURE B-22

BORING LOG MILLCREEK-19-01-03-DP1_32-HA1_14.GPJ GEODESIGN.GDT PRINT DATE: 8/28/19:KM:KT



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BORING METHOD: direct push (see document text)

BORING BIT DIAMETER: 2 1/4 inches

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BORING DP-23

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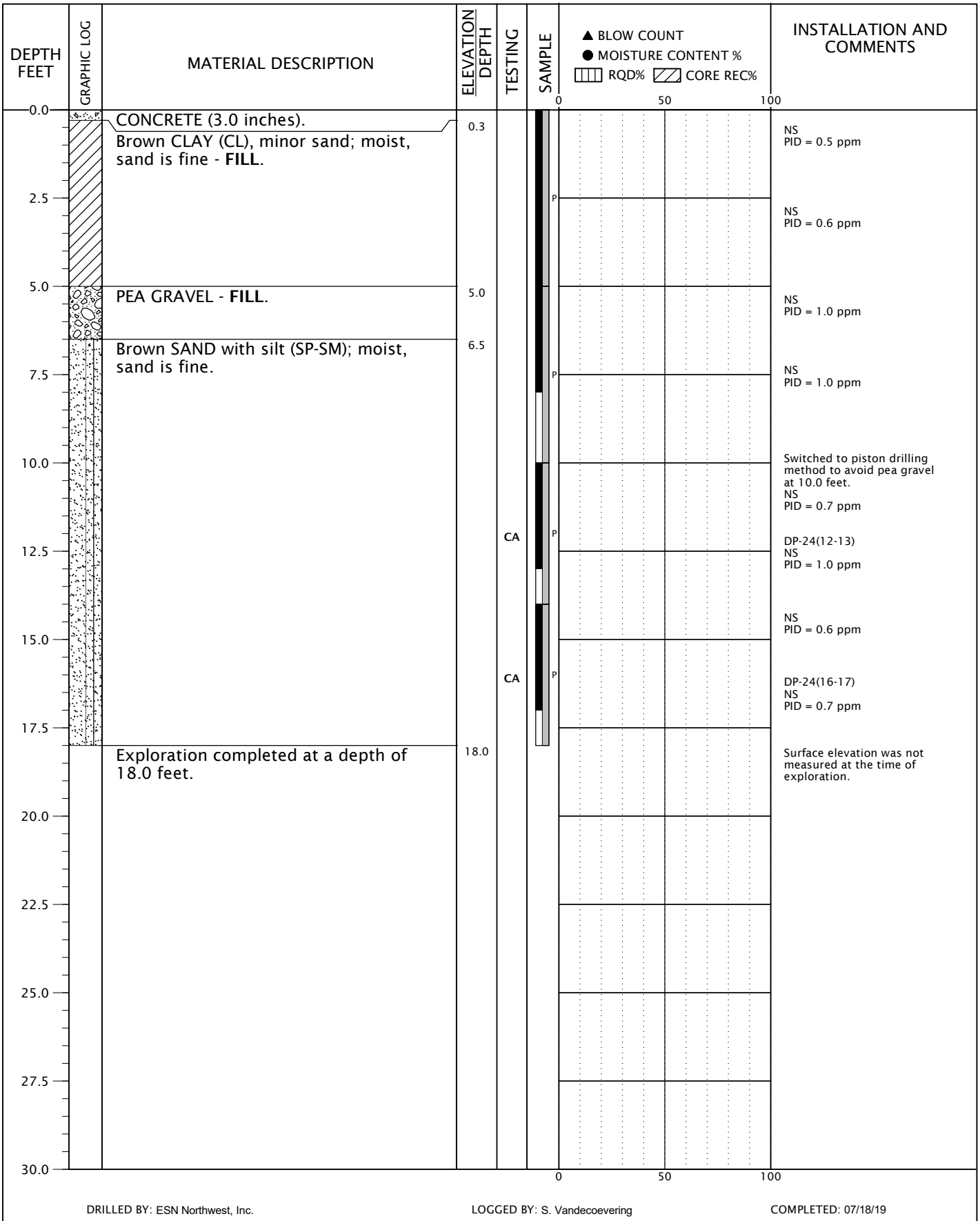
FIGURE B-23

BORING LOG MILLCREEK-19-01-03-DP1_32-HA1_14.GPJ GEODESIGN.GDT PRINT DATE: 8/28/19:KM:KT



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COMPLETED: 07/18/19

BORING METHOD: direct push (see document text)

BORING BIT DIAMETER: 2 1/4 inches

BORING LOG MILLCREEK-19-01-03-DP1_32-HA1_14.GPJ GEODESIGN.GDT PRINT DATE: 8/28/19:KM:KT

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BORING DP-24

AUGUST 2019

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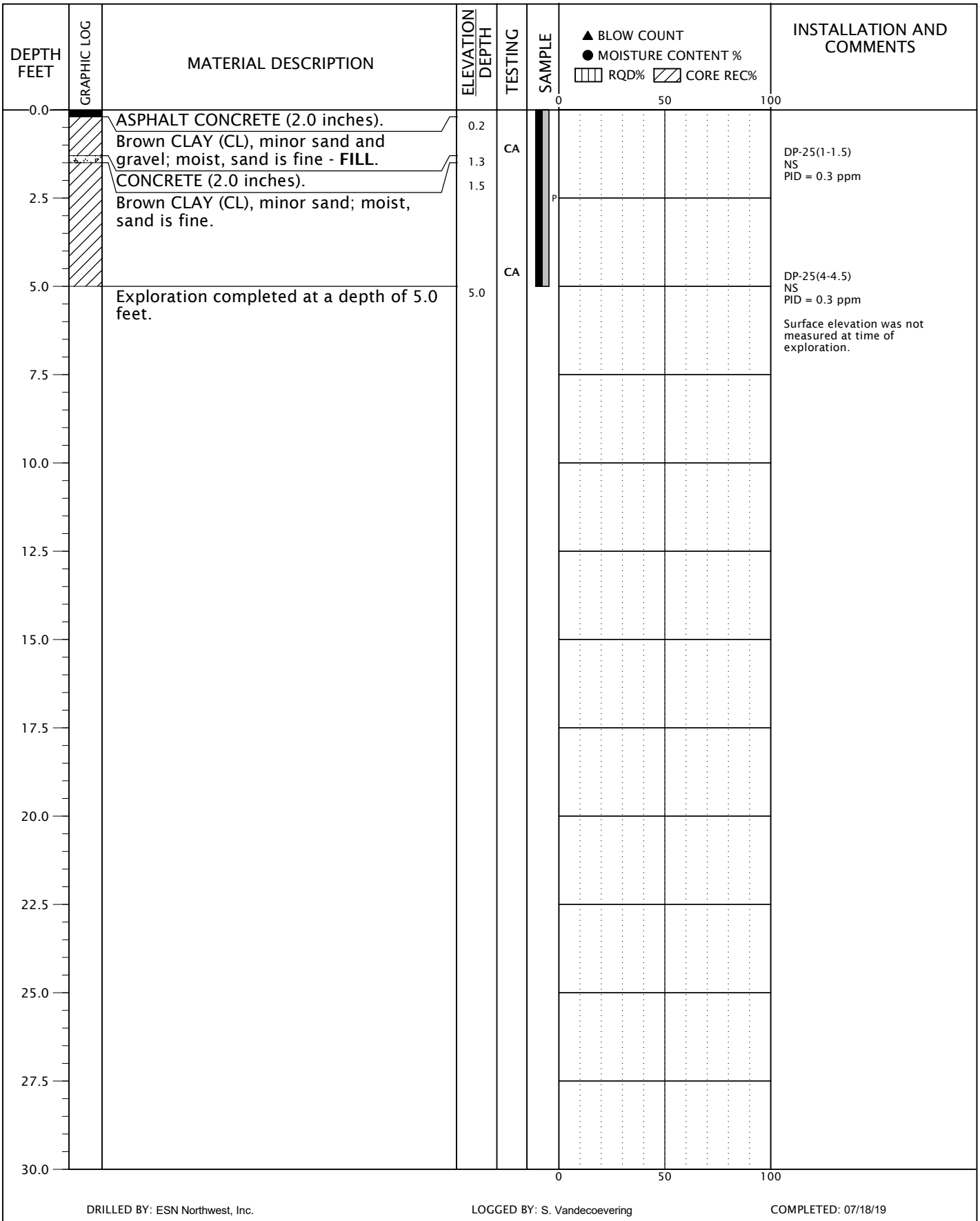
FIGURE B-24



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BORING DP-25

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FIGURE B-25

BORING LOG MILLCREEK-19-01-03-DP1_32-HA1_14.GPJ GEODESIGN.GDT PRINT DATE: 8/28/19:KM:KT

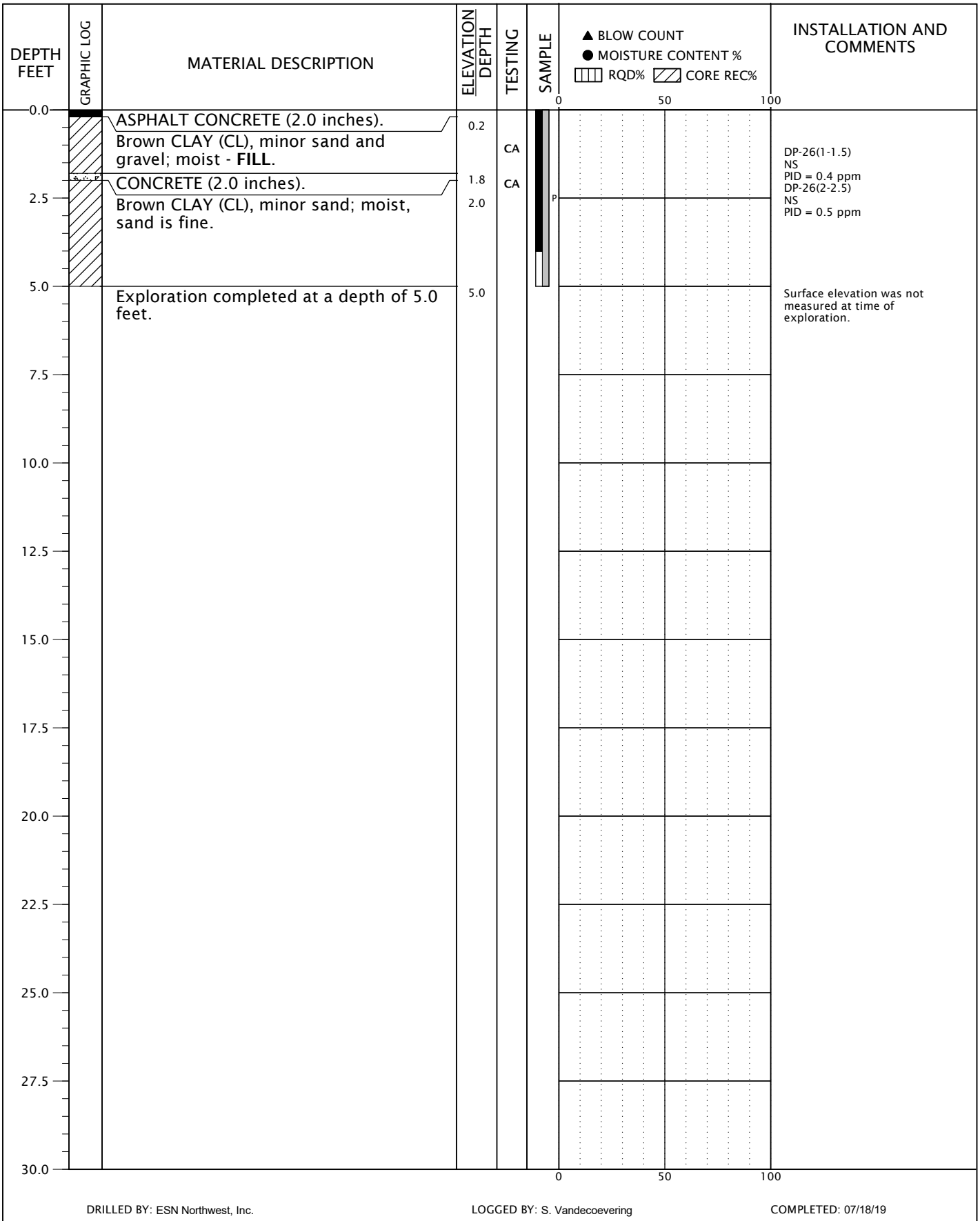

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FIGURE B-26

BORING LOG MILLCREEK-19-01-03-DP1_32-HA1_14.GPJ GEODESIGN.GDT PRINT DATE: 8/28/19:KM:KT

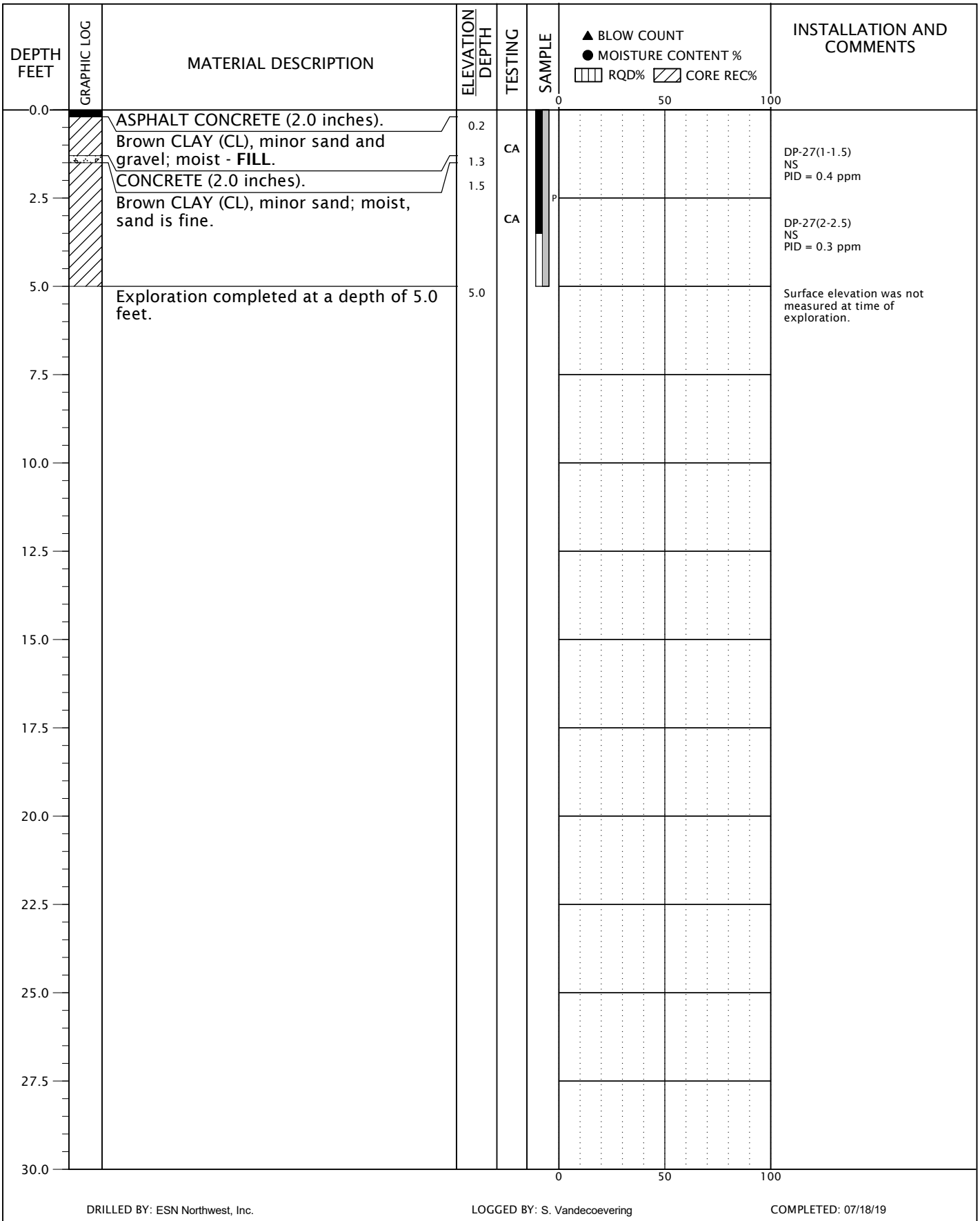

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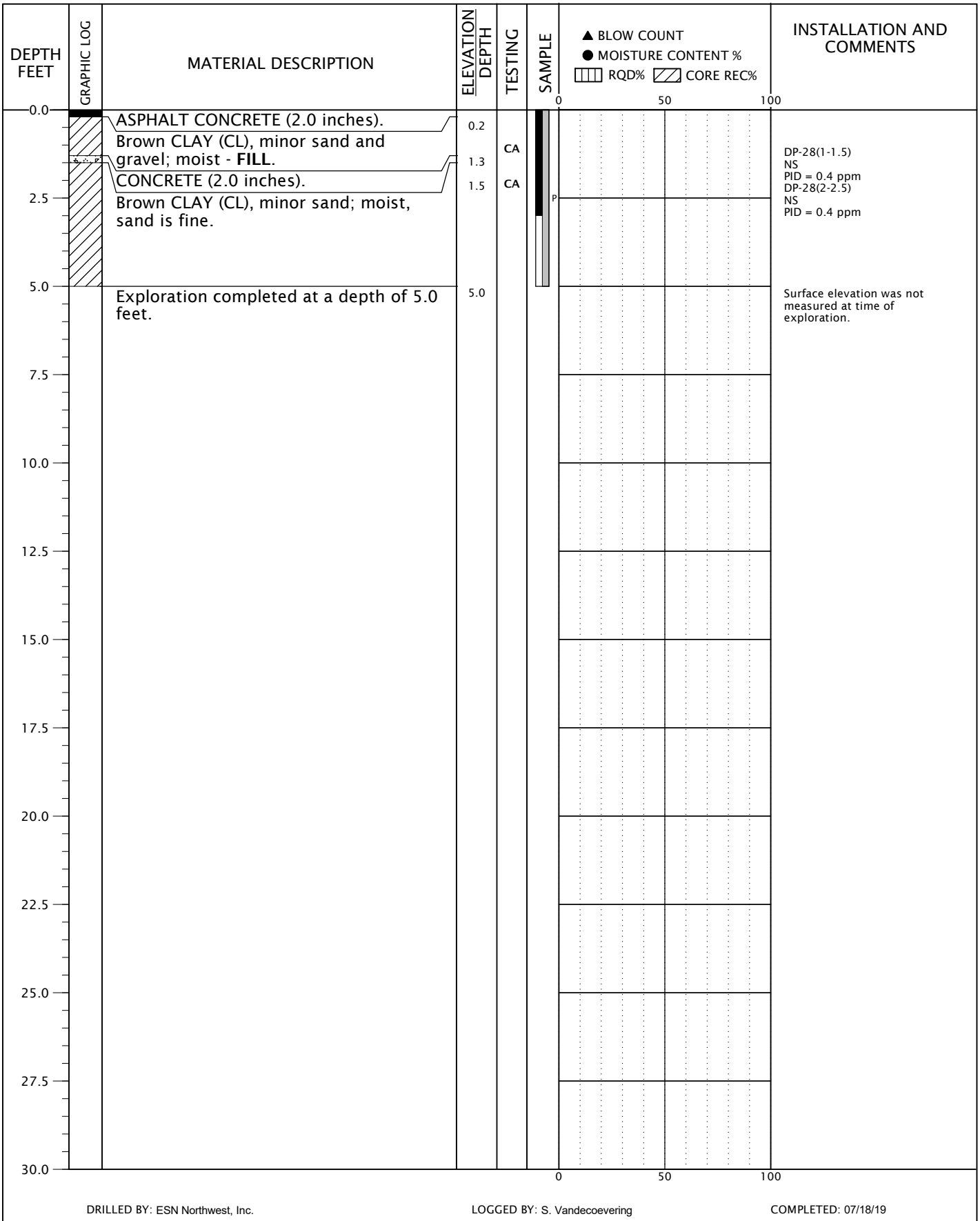
FIGURE B-27

BORING LOG MILLCREEK-19-01-03-DP1_32-HA1_14.GPJ GEODESIGN.GDT PRINT DATE: 8/28/19:KM:KT



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BORING BIT DIAMETER: 2 1/4 inches

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FIGURE B-28

BORING LOG MILLCREEK-19-01-03-DP1_32-HA1_14.GPJ GEODESIGN.GDT PRINT DATE: 8/28/19:KM:KT

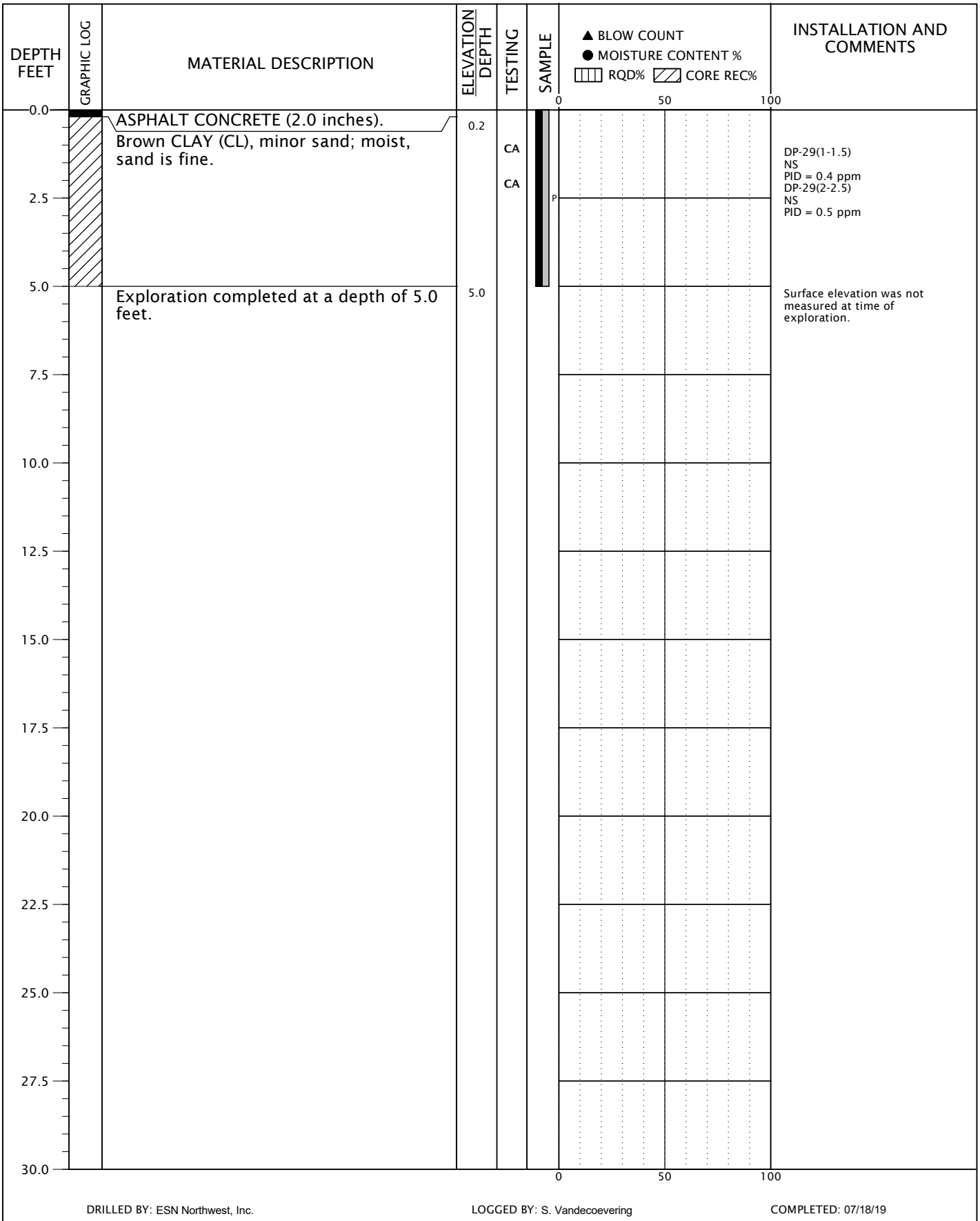

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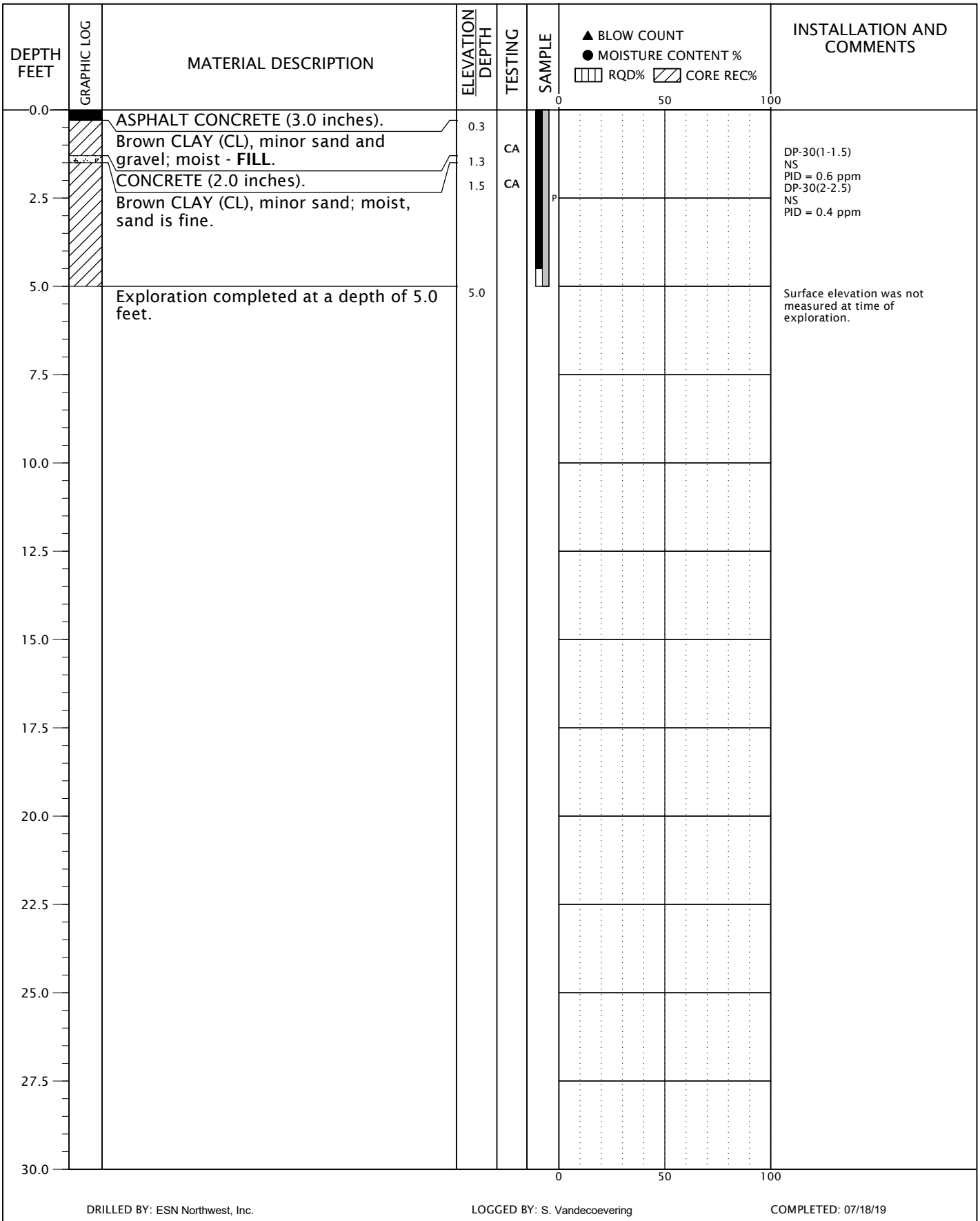
FIGURE B-29

BORING LOG MILLCREEK-19-01-03-DP1_32-HA1_14.GPJ GEODESIGN.GDT PRINT DATE: 8/28/19:KM:KT



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BORING BIT DIAMETER: 2 1/4 inches

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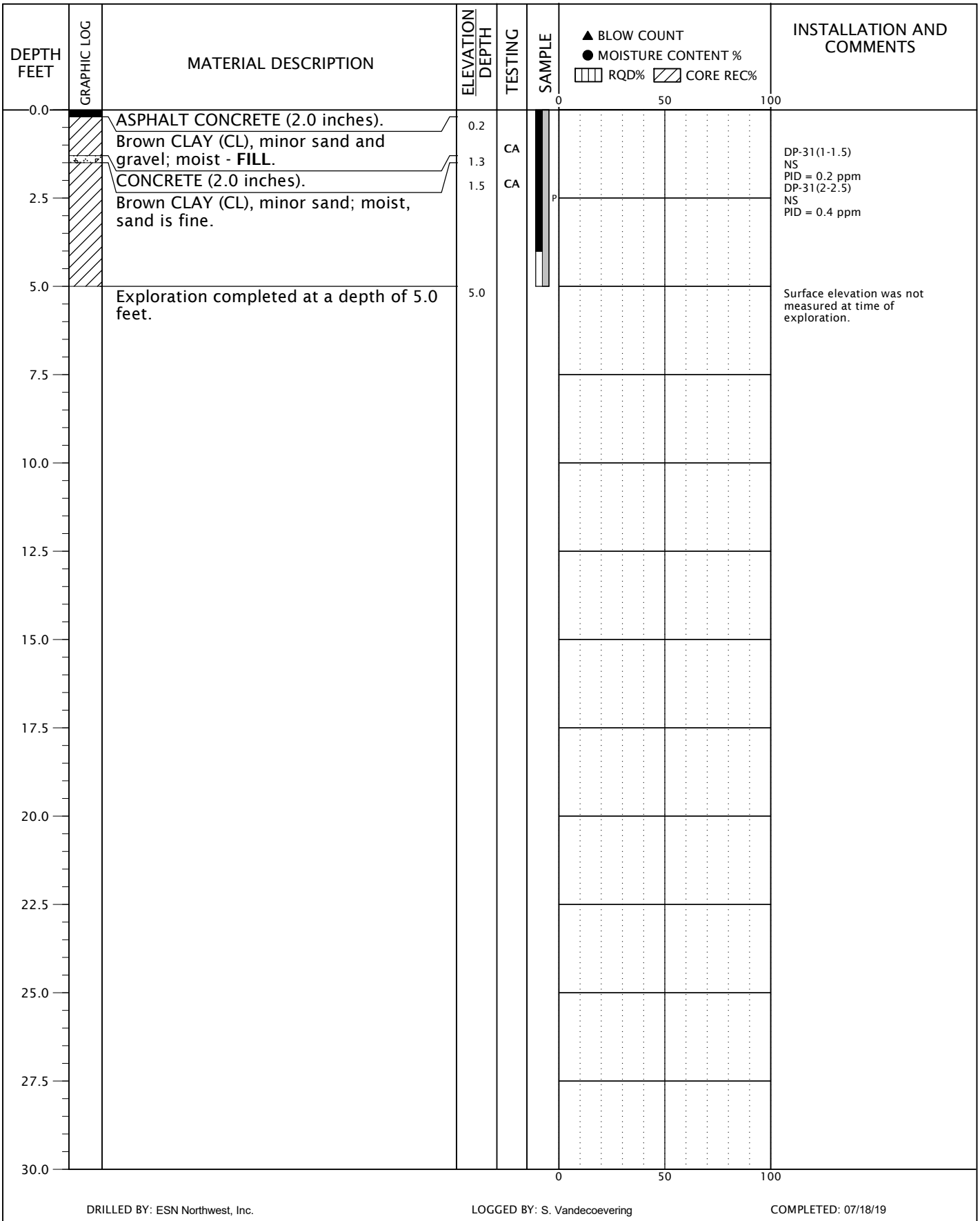
FIGURE B-30

BORING LOG MILLCREEK-19-01-03-DP1_32-HA1_14.GPJ GEODESIGN.GDT PRINT DATE: 8/28/19:KM:KT



DRILLED BY: ESN Northwest, Inc.

LOGGED BY: S. Vandecoevering

COMPLETED: 07/18/19

BORING METHOD: direct push (see document text)

BORING BIT DIAMETER: 2 1/4 inches

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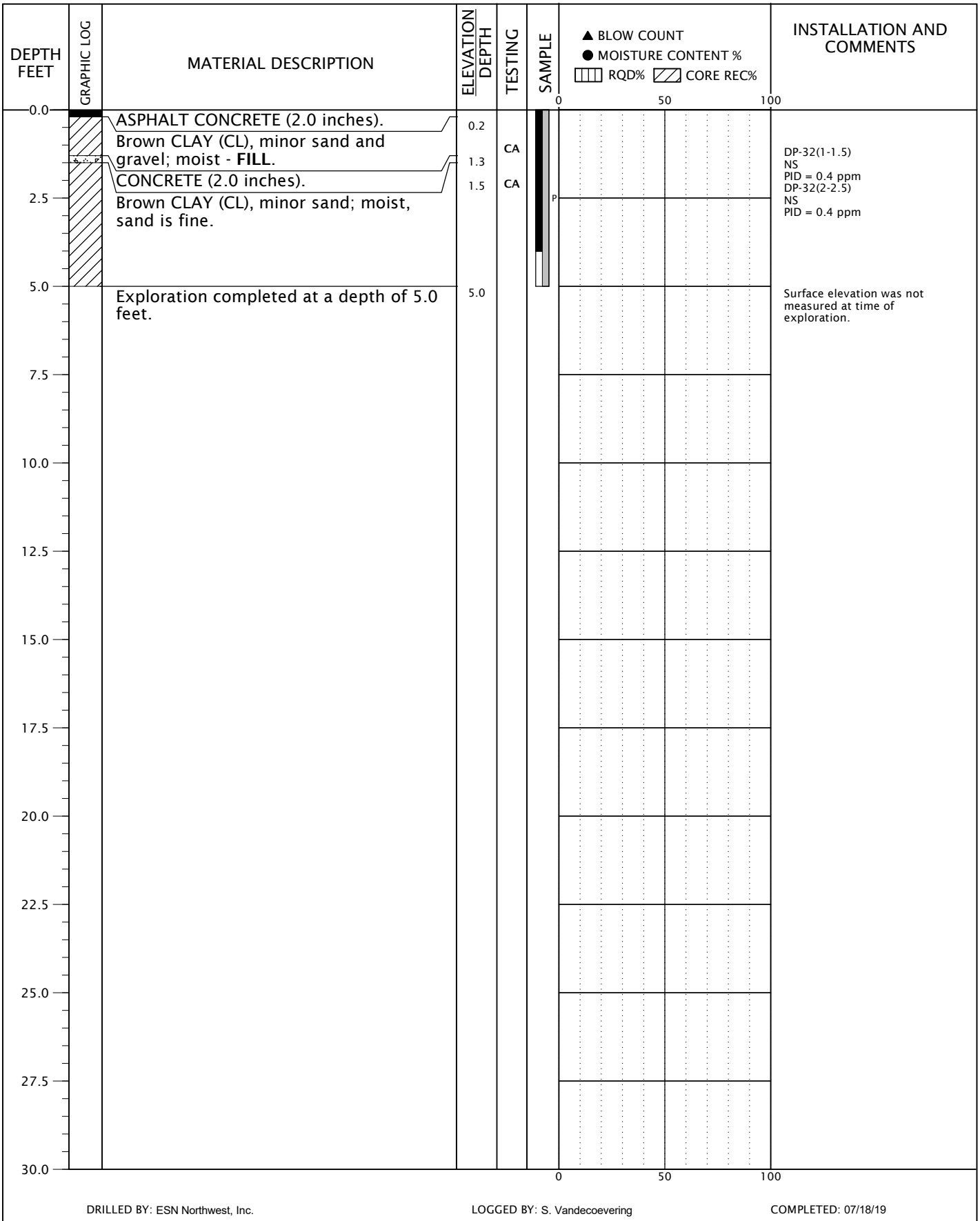
FIGURE B-31

BORING LOG MILLCREEK-19-01-03-DP1_32-HA1_14.GPJ GEODESIGN.GDT PRINT DATE: 8/28/19:KM:KT



DRILLED BY: ESN Northwest, Inc.

LOGGED BY: S. Vandecoevering

COMPLETED: 07/18/19

BORING METHOD: direct push (see document text)

BORING BIT DIAMETER: 2 1/4 inches

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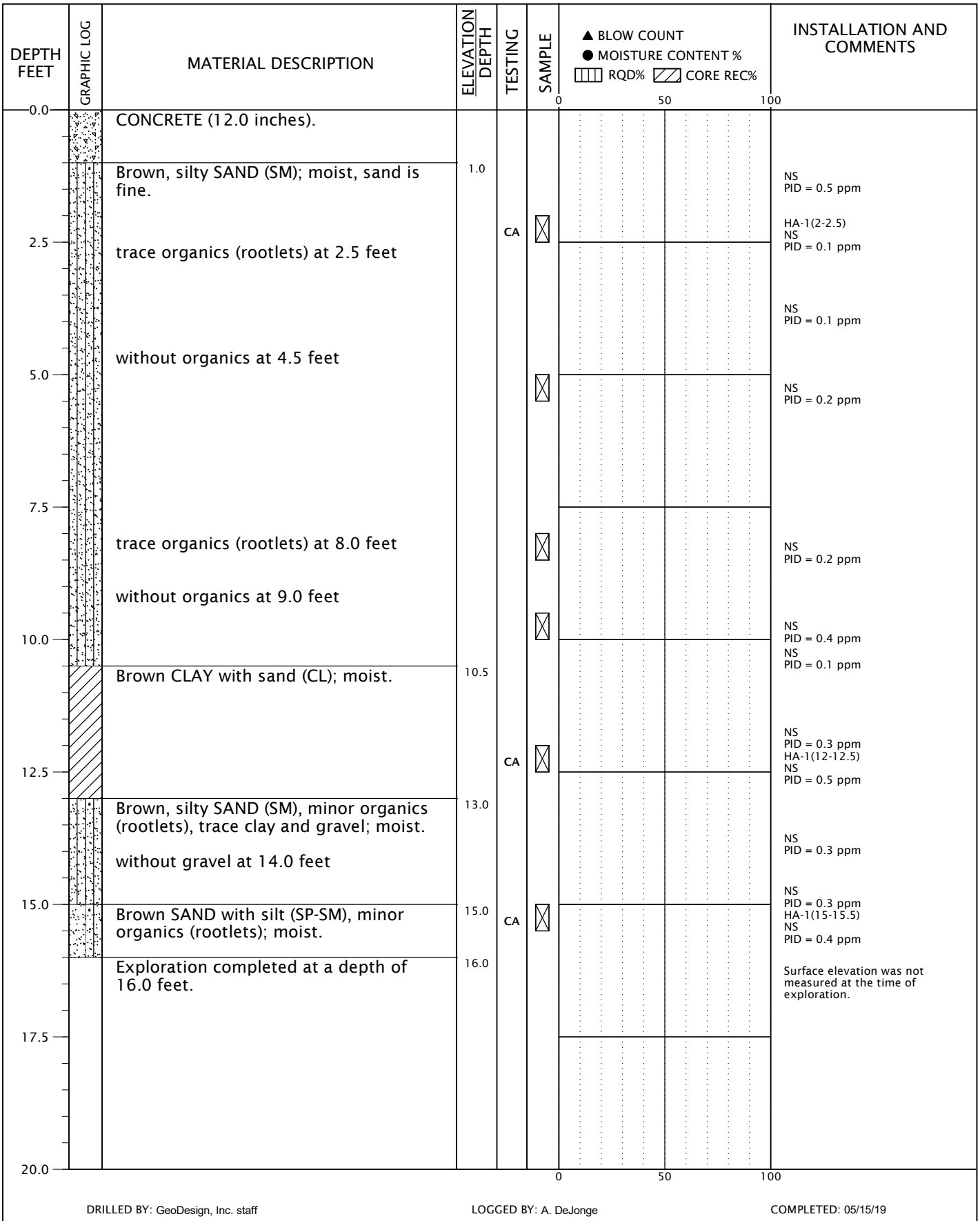
FIGURE B-32

BORING LOG MILLCREEK-19-01-03-DP1_32-HA1_14.GPJ GEODESIGN.GDT PRINT DATE: 8/28/19:KM:KT



DRILLED BY: GeoDesign, Inc. staff

LOGGED BY: A. DeJonge

COMPLETED: 05/15/19

BORING METHOD: hand auger (see document text)

BORING BIT DIAMETER: 2 1/2 inches

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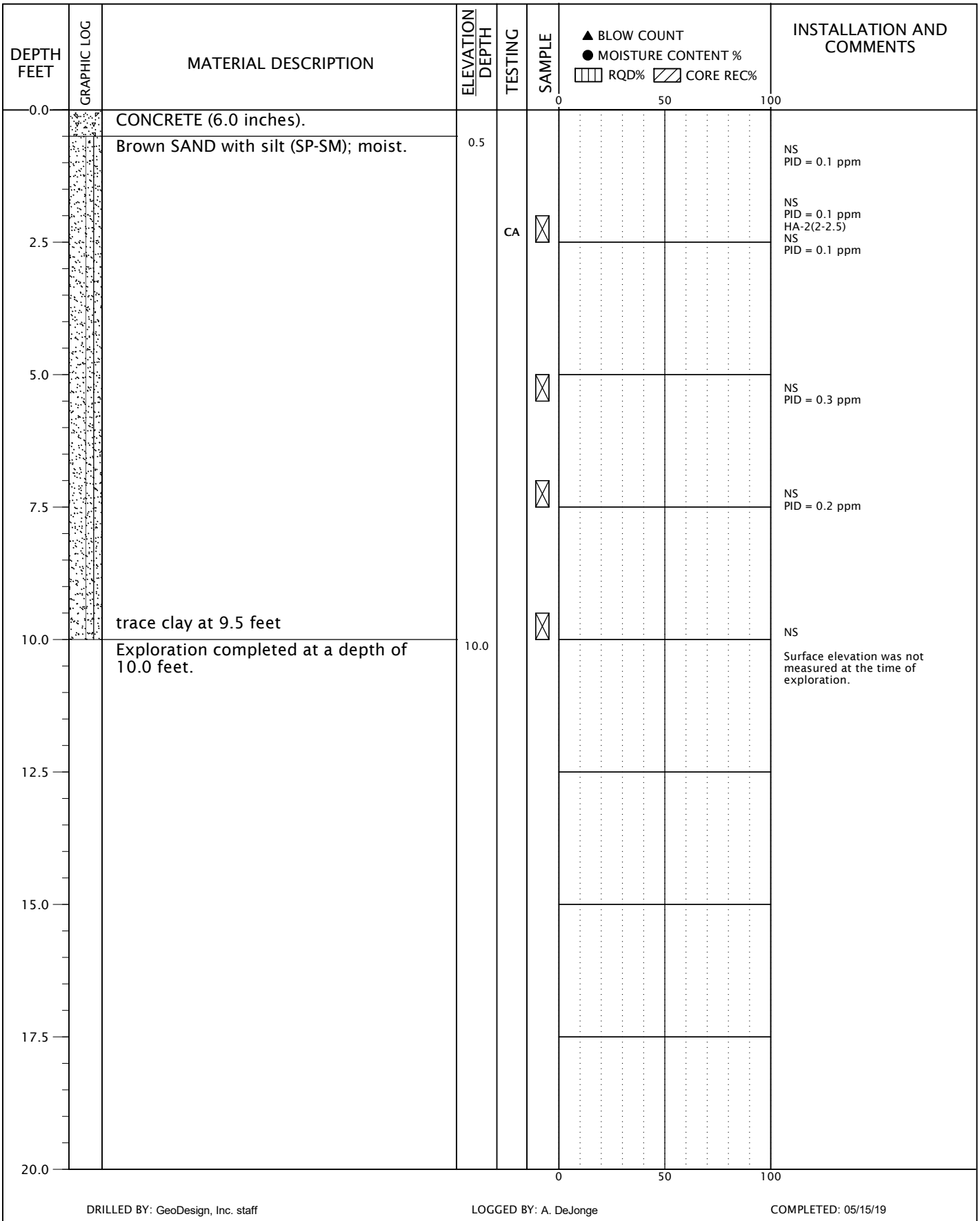
FIGURE B-33

BORING LOG MILLCREEK-19-01-03-DPI_32-HA1_14.GPJ GEODESIGN.GDT PRINT DATE: 8/28/19:KM:KT



DRILLED BY: GeoDesign, Inc. staff

LOGGED BY: A. DeJonge

COMPLETED: 05/15/19

BORING METHOD: hand auger (see document text)

BORING BIT DIAMETER: 2 1/2 inches

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BORING HA-2

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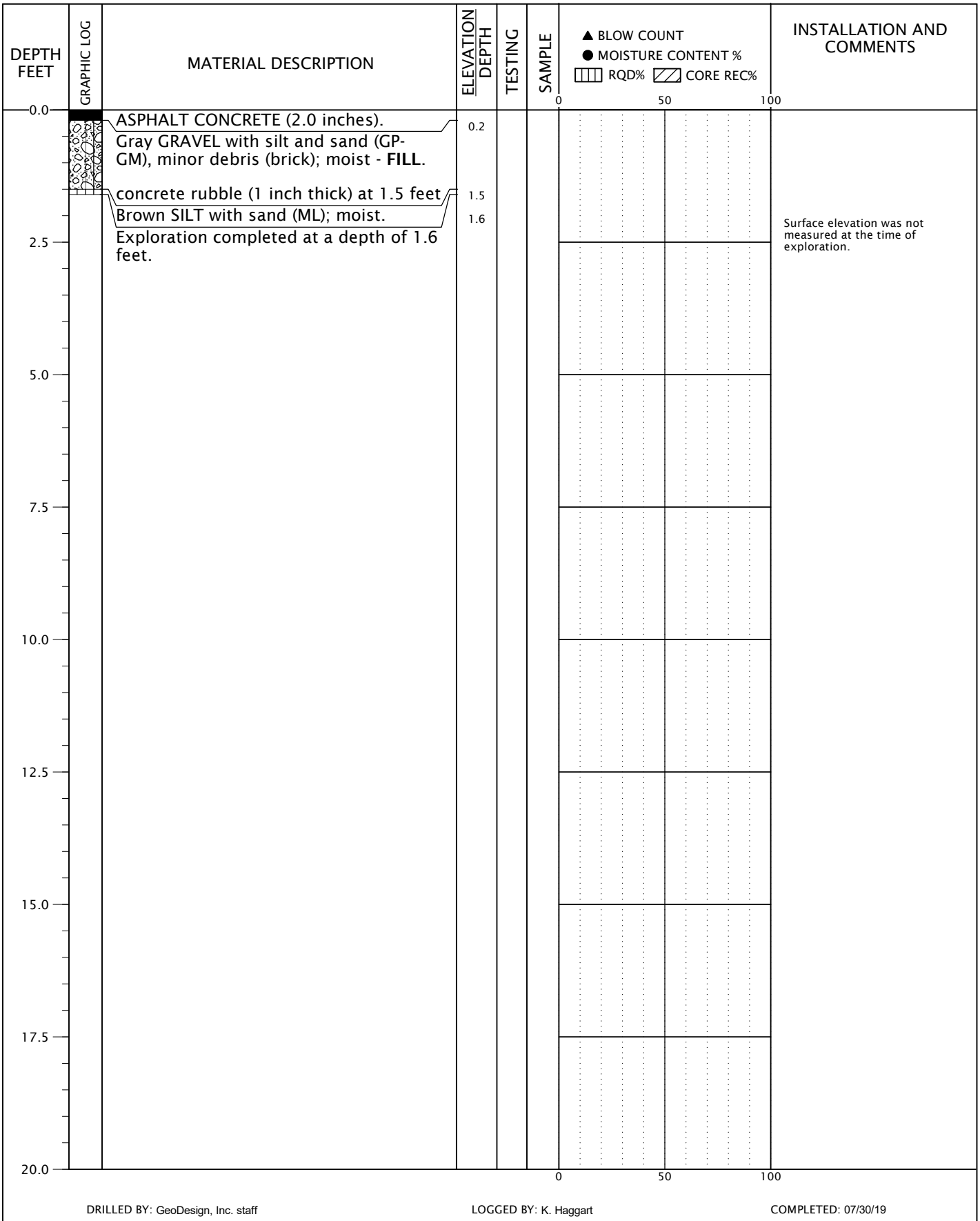
FIGURE B-34

BORING LOG MILLCREEK-19-01-03-DPI_32-HA1_14.GPJ GEODESIGN.GDT PRINT DATE: 8/28/19:KM:KT



DRILLED BY: GeoDesign, Inc. staff

LOGGED BY: K. Haggart

COMPLETED: 07/30/19

BORING METHOD: hand auger (see document text)

BORING BIT DIAMETER: 2 1/4 inches

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BORING HA-3

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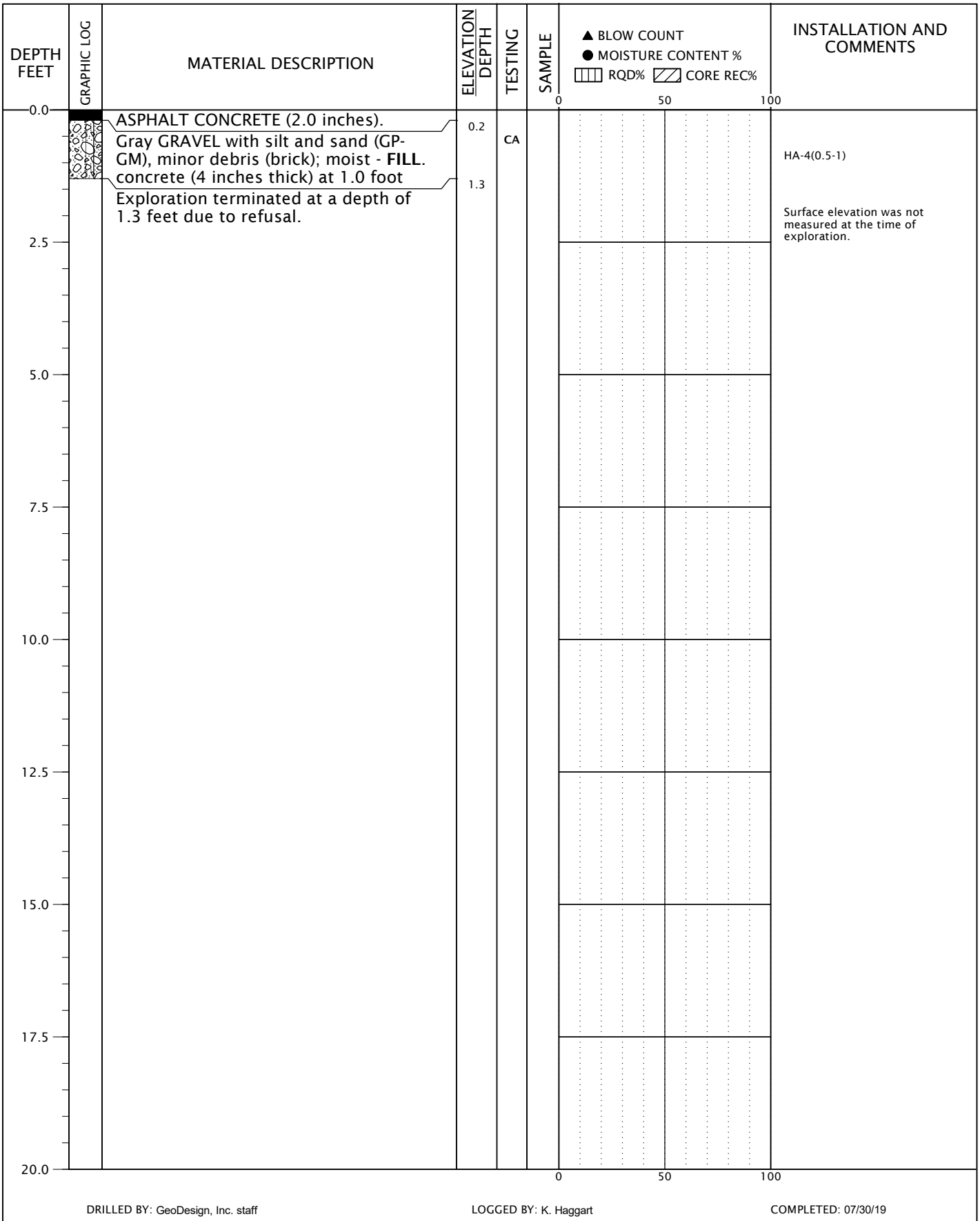
FIGURE B-35

BORING LOG MILLCREEK-19-01-03-DP1_32-HA1_14.GPJ GEODESIGN.GDT PRINT DATE: 8/28/19:KM:KT



DRILLED BY: GeoDesign, Inc. staff

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BORING METHOD: hand auger (see document text)

BORING BIT DIAMETER: 2 1/4 inches

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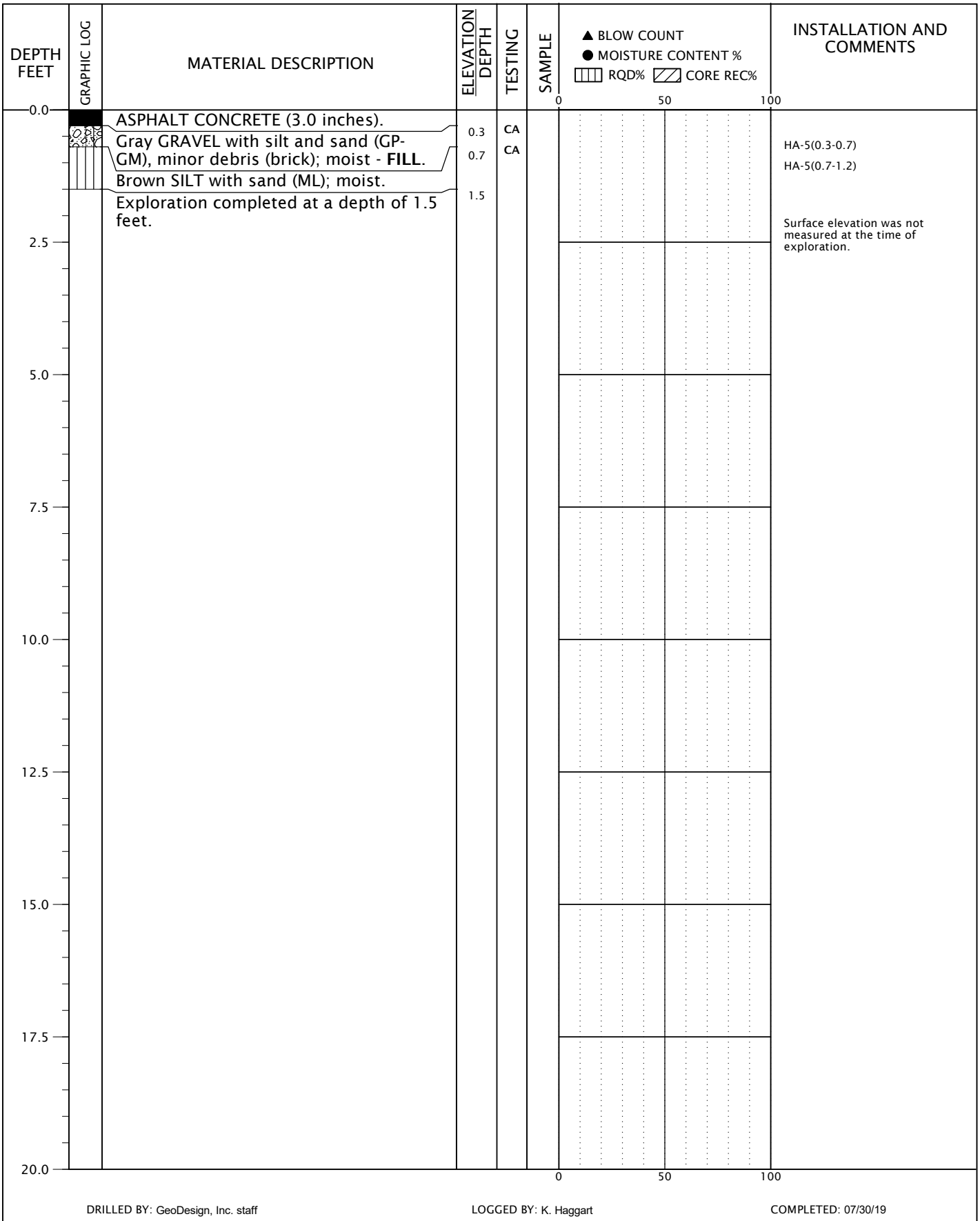
FIGURE B-36

BORING LOG MILLCREEK:19-01-03-DPI_32-HA1_14.GPJ GEODESIGN.GDT PRINT DATE: 8/28/19:KM:KT



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BORING METHOD: hand auger (see document text)

BORING BIT DIAMETER: 2 1/4 inches

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MILLCREEK-19-01-03

BORING HA-5

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FIGURE B-37

BORING LOG MILLCREEK-19-01-03-DP1_32-HA1_14.GPJ GEODESIGN.GDT PRINT DATE: 8/28/19:KM:KT

DEPTH FEET	GRAPHIC LOG	MATERIAL DESCRIPTION	ELEVATION DEPTH	TESTING	SAMPLE	▲ BLOW COUNT ● MOISTURE CONTENT % RQD% CORE REC% (0 50 100)	INSTALLATION AND COMMENTS
0.0		ASPHALT CONCRETE (3.0 inches).	0.3	CA			HA-6(0.5-1)
		AGGREGATE BASE (2.0 inches).	0.4	CA			HA-6(1-1.5)
		Brown SILT with sand (ML); moist.					
		Exploration completed at a depth of 1.5 feet.	1.5				Surface elevation was not measured at the time of exploration.
2.5							
5.0							
7.5							
10.0							
12.5							
15.0							
17.5							
20.0							

DRILLED BY: GeoDesign, Inc. staff

LOGGED BY: K. Haggart

COMPLETED: 07/30/19

BORING METHOD: hand auger (see document text)

BORING BIT DIAMETER: 2 1/4 inches

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MILLCREEK-19-01-03

BORING HA-6

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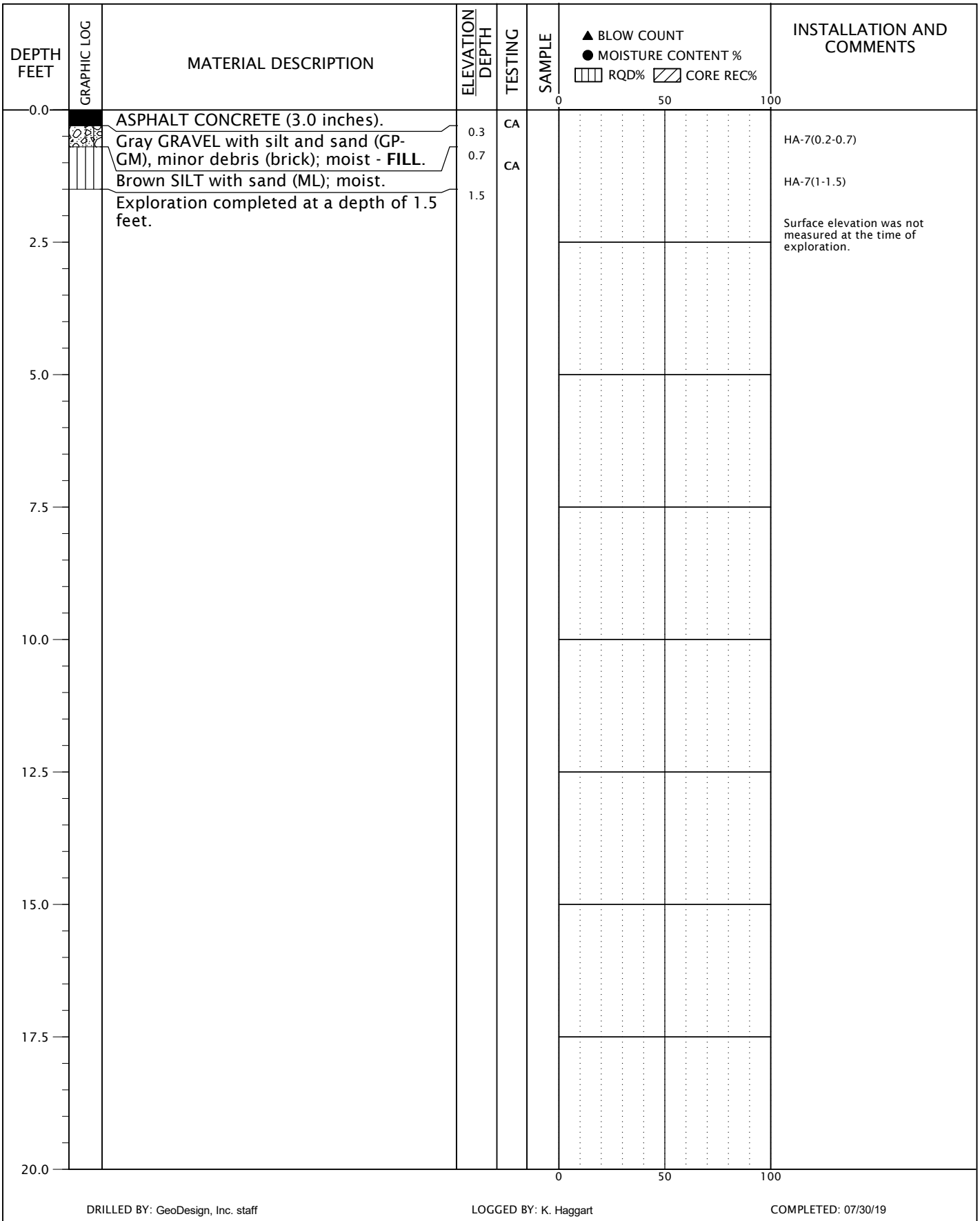
FIGURE B-38

BORING LOG MILLCREEK-19-01-03-DPI_32-HA1_14.GPJ GEODESIGN.GDT PRINT DATE: 8/28/19:KM:KT



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BORING METHOD: hand auger (see document text)

BORING BIT DIAMETER: 2 1/4 inches

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MILLCREEK-19-01-03

BORING HA-7

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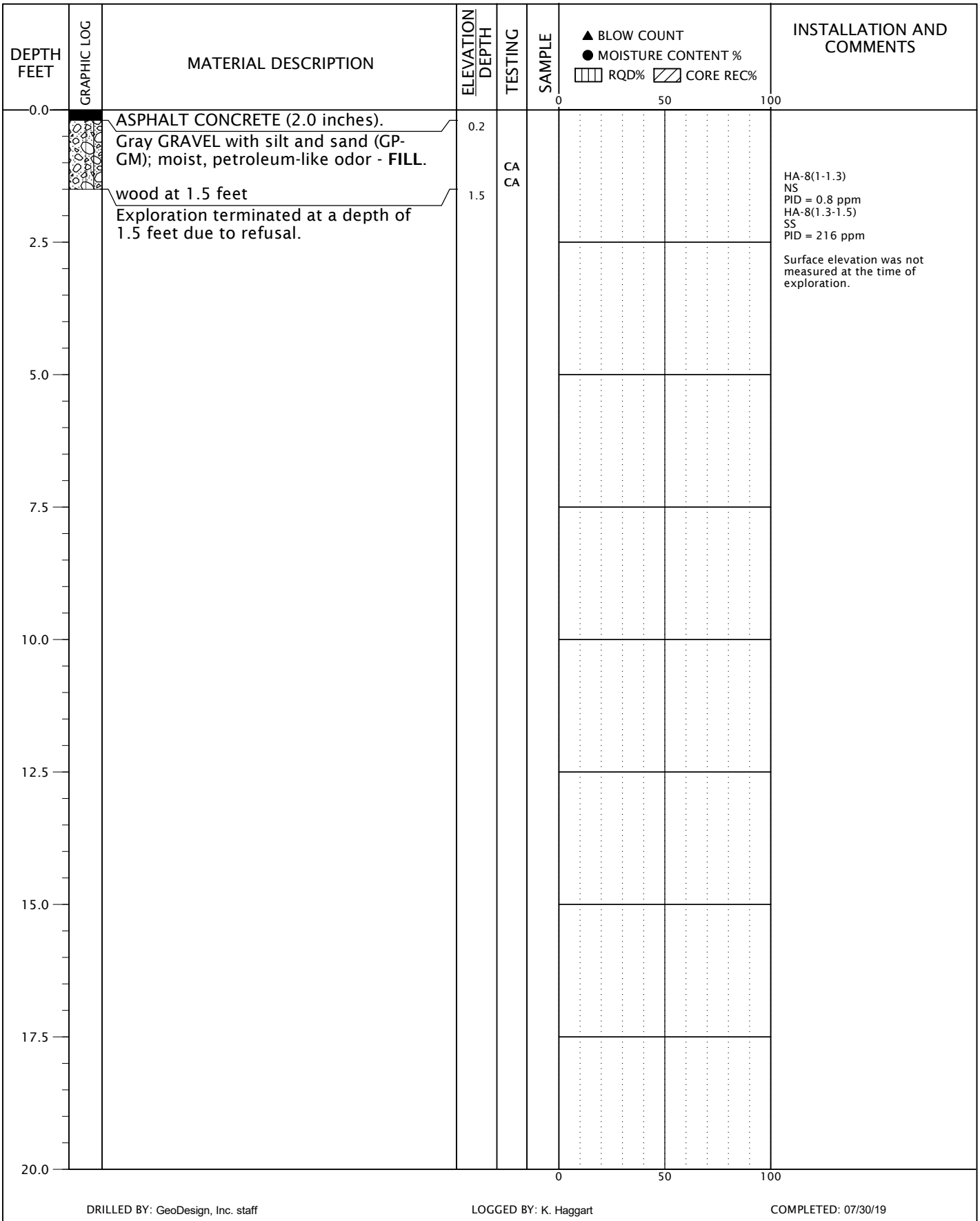
FIGURE B-39

BORING LOG MILLCREEK-19-01-03-DPI_32-HA1_14.GPJ GEODESIGN.GDT PRINT DATE: 8/28/19:KM:KT



DRILLED BY: GeoDesign, Inc. staff

LOGGED BY: K. Haggart

COMPLETED: 07/30/19

BORING METHOD: hand auger (see document text)

BORING BIT DIAMETER: 2 1/4 inches

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BORING HA-8

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FIGURE B-40

BORING LOG MILLCREEK-19-01-03-DPI_32-HA1_14.GPJ GEODESIGN.GDT PRINT DATE: 8/28/19:KM:KT

DEPTH FEET	GRAPHIC LOG	MATERIAL DESCRIPTION	ELEVATION DEPTH	TESTING	SAMPLE	▲ BLOW COUNT ● MOISTURE CONTENT % RQD% CORE REC% (0 50 100)	INSTALLATION AND COMMENTS
0.0		ASPHALT CONCRETE (3.0 inches).	0.3	CA			HA-9(0.5-1) NS PID = 0.4 ppm
		AGGREGATE BASE (3.0 inches).	0.5				
		Brown SILT with sand (ML); moist.					
		Exploration completed at a depth of 1.5 feet.	1.5				Surface elevation was not measured at the time of exploration.
2.5							
5.0							
7.5							
10.0							
12.5							
15.0							
17.5							
20.0							

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LOGGED BY: K. Haggart

COMPLETED: 07/31/19

BORING METHOD: hand auger (see document text)

BORING BIT DIAMETER: 2 1/4 inches

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BORING HA-9

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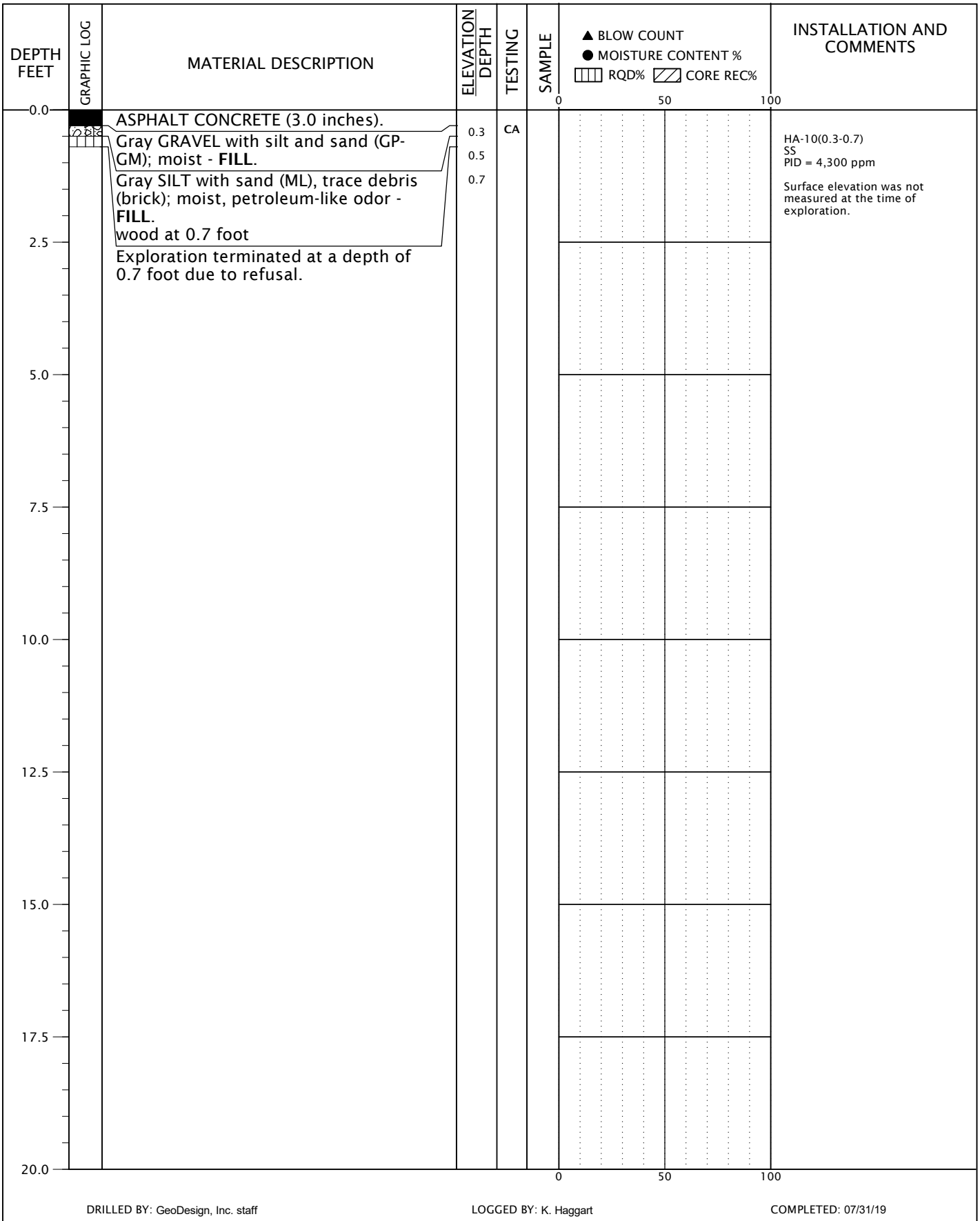
FIGURE B-41

BORING LOG MILLCREEK:19-01-03-DP1_32-HA1_14.GPJ GEODESIGN.GDT PRINT DATE: 8/28/19:KM:KT



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BORING BIT DIAMETER: 2 1/4 inches

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BORING HA-10

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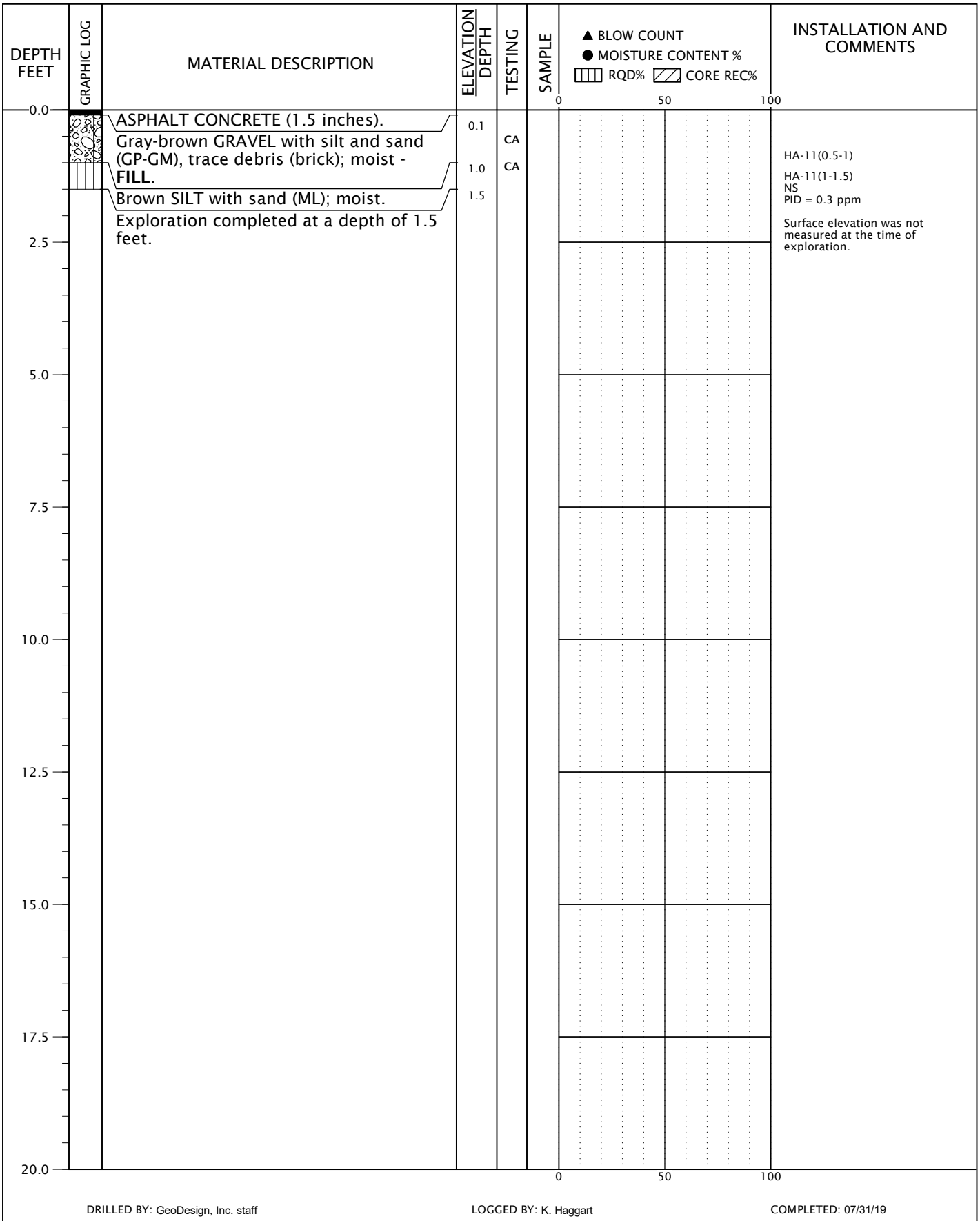
FIGURE B-42

BORING LOG MILLCREEK-19-01-03-DP1_32-HA1_14.GPJ GEODESIGN.GDT PRINT DATE: 8/28/19:KM:KT



BORING LOG MILLCREEK-19-01-03-DPI_32-HA1_14.GPJ GEODESIGN.GDT PRINT DATE: 8/28/19:KM:KT

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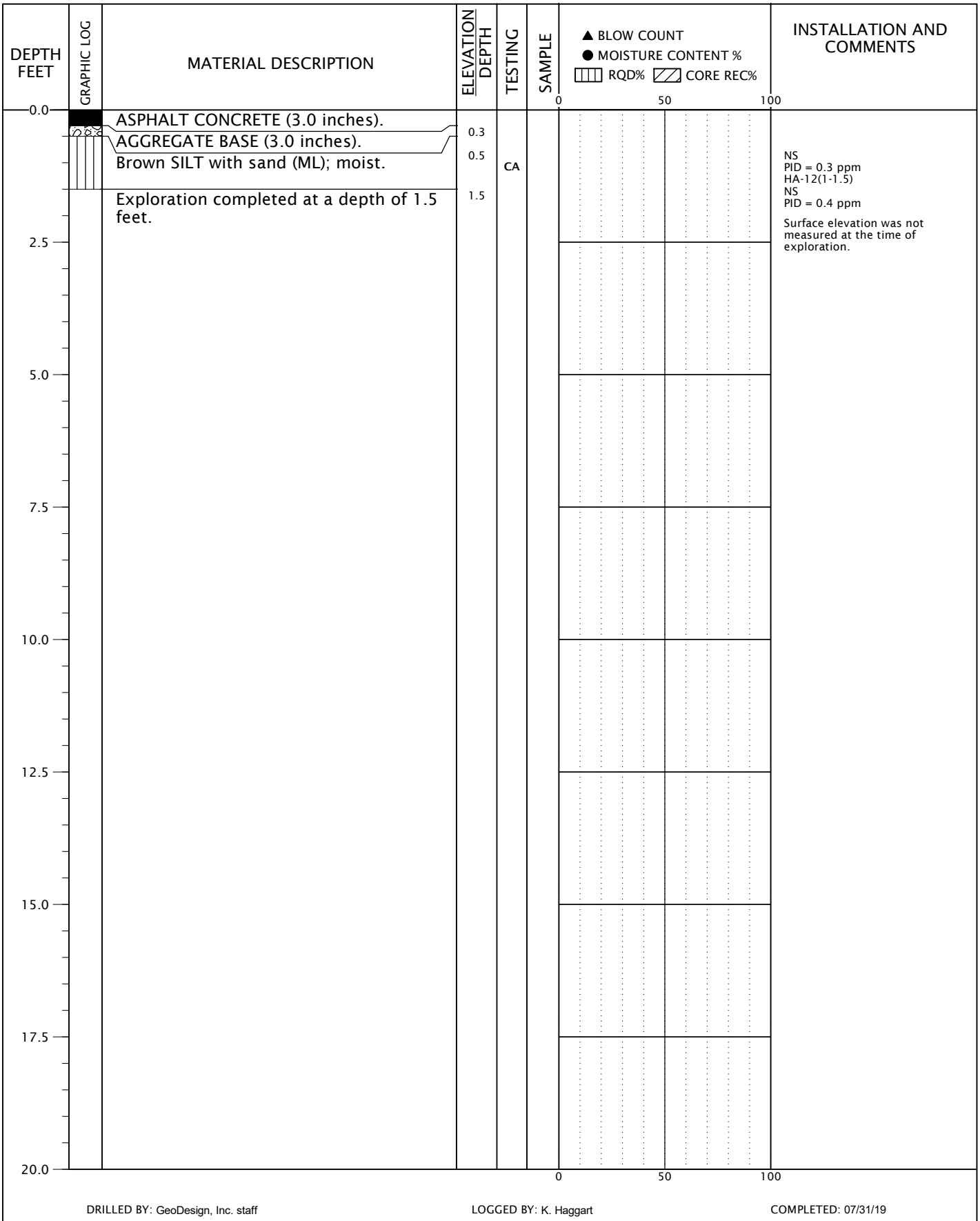
MILLCREEK-19-01-03

BORING HA-11

AUGUST 2019

MODERA MORRISON
PORTLAND, OR

FIGURE B-43



BORING LOG MILLCREEK-19-01-03-DPI_32-HA1_14.GPJ GEODESIGN.GDT PRINT DATE: 8/28/19:KM:KT

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MILLCREEK-19-01-03

BORING HA-12

AUGUST 2019

MODERA MORRISON
PORTLAND, OR

FIGURE B-44

DEPTH FEET	GRAPHIC LOG	MATERIAL DESCRIPTION	ELEVATION / DEPTH	TESTING	SAMPLE
0.0		ASPHALT CONCRETE (3.0 inches).	0.3	CA	
		Brown-gray SILT with sand and gravel (ML); trace debris (brick); moist - **FILL**.	1.0	CA	
		Brown SILT with sand (ML); moist.	1.5		
		Exploration completed at a depth of 1.5 feet.			

▲ BLOW COUNT
● MOISTURE CONTENT %
RQD% CORE REC%

0 50 100

INSTALLATION AND COMMENTS

HA-13(0.5-1)

HA-13(1-1.5)
NS
PID = 0.3 ppm

Surface elevation was not measured at the time of exploration.

2.5 5.0 7.5 10.0 12.5 15.0 17.5 20.0

0 50 100

DRILLED BY: GeoDesign, Inc. staff

LOGGED BY: K. Haggart

COMPLETED: 07/31/19

BORING METHOD: hand auger (see document text)

BORING BIT DIAMETER: 2 1/4 inches

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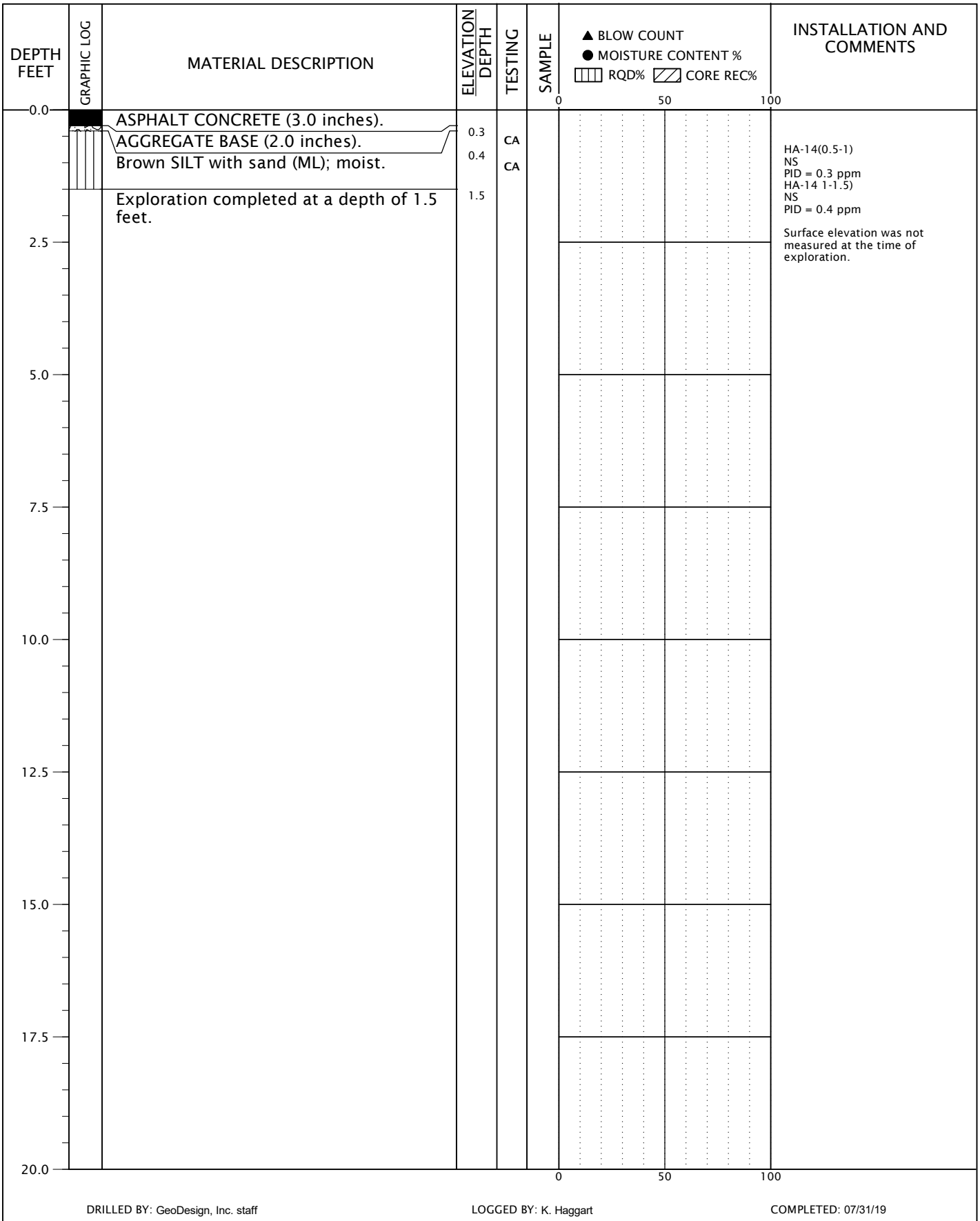
MILLCREEK-19-01-03

BORING HA-13

AUGUST 2019

MODERA MORRISON
PORTLAND, OR

FIGURE B-45



BORING LOG MILLCREEK-19-01-03-DP1_32-HA1_14.GPJ GEODESIGN.GDT PRINT DATE: 8/28/19:KM:KT

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MILLCREEK-19-01-03

BORING HA-14

AUGUST 2019

MODERA MORRISON
PORTLAND, OR

FIGURE B-46

APPENDIX C

PACIFIC GEOPHYSICS
Applied Geophysics

GEOPHYSICAL SURVEY LETTER REPORT

Kyle Sattler
GeoDesign, Inc. [GDI]

Project: 190415
Survey Date: May 4, 2019

City Block Survey
SE Morrison Street and SE 11th Avenue
Portland, Oregon

A geophysical survey was conducted across the city block located between SE Morrison and SE Belmont Streets, and SE 11th and 12th Avenues, for GeoDesign. The purpose of the survey was as follows:

- Outline two known underground storage tanks (USTs) in the sidewalk south of the block. Fill ports and access ports are located in the sidewalk.
- Confirm the removal of USTs and outline the excavation from their removal in the small parking/loading area in the northwest of the block.
- Determine the outflow of a catch basin near the loading dock in the same area.
- Investigate a possible fill port and access port in the main parking lot.
- Determine the outflow of a catch basin in the main parking lot.
- Investigate two suspicious round patches in the same lot.

Figure 1 shows the survey location and areas.

South sidewalk – A Schonstedt magnetic gradiometer and an EMA6 Tracer metal detector were initially used in the vicinity of the fill and access ports. The two tanks are believed to be buried end to end along the sidewalk. The access ports were opened and the top of the tanks was measured to be 4-5 feet. The north and south edges of the tanks were detected. The east end of the east tank could not be detected readily with the hand-held instruments due to two service utilities that were located in this area. A GSSI SIR-2000 ground-penetrating radar (GPR) system connected to a 400-MHz antenna was used to collect radar profiles in this area. Radar-data quality was extremely poor in this location. The top of the tanks could not be readily detected. Based on this poor data and the response of the hand-held instruments the tanks were marked on the ground surface with paint. The uncertainty of the results is great in this area. Two possibilities of the eastern edge were marked. The results are shown in Figure 2.

UST pit – GPR was used across a patch in the northwest loading dock suspected to be the location of the former tanks. Hand-held instruments were also used to scan for metallic objects. No metallic objects were detected in the patch, suggesting the tanks have been removed. Reflections typical of a UST excavation were seen across the patch. Several tank-like reflections were seen in parallel profiles taken in the eastern end of this excavation, though no magnetic anomalies correspond to these reflections. In profiles taken in the perpendicular direction the reflections appear irregular. It is unlikely these are from a tank and are more likely to be debris, but the existence of a non-metallic tank cannot be ruled out.

Catch basin – The outflow pipe exits the catch basin toward the southwest. This was confirmed with GPR. It appears to extend under the loading dock. A fish tape was inserted in the pipe. A Radio Detection TX3/RD8000 PDL transmitter/receiver system was used to place a current onto the tape and the pipe itself. Due to the pipe being cast iron, the transmission was weak. A broad signal was detected in the west sidewalk in an area where previously marked sewer lines were shown to be. Based on all the information and instrument responses, it is very likely that the catch basin is connected to the city storm system.

Fill and access ports in main lot – A round port in the east side of the main parking lot is covering a tank fill port. A metal access port is located 7 feet to the south. The fill port was opened and a measuring tape was inserted. The tank is 6.5 feet in diameter and buried 4'7" below the surface. The access port is filled with soil. The Tracer metal detector was used to outline the tank but was ineffective due to interference created by parked cars near the north and south edges. GPR profiles were taken across the object but data quality was very poor. One of the cars was parked over or near the south end of the tank. A possible location for the north end of the tank was marked on the ground based on the available data. The tank's location is shown in Figure 2.

Catch basin – The outflow pipe from a catch basin near the center of the parking lot exits to the south. It was detected in GPR profiles and appeared to head to the south and east for several feet before it was lost. A current was placed on the pipe with the RD system and was traced to the east. The current was picked up in the vicinity of a pair of sewer line marks already on the ground. As in the previous case the catch basin appears to be connected to the city storm system (Figure 2).

Suspicious patches – GPR traverses were made across two concrete patches near the east fence (Figure 2). No suspicious reflections from buried objects like drywells were seen in the profiles.

After the survey was completed a suspicious circular access port was noticed in the north sidewalk in front of the entrance. It was investigated further with GPR. Reflections typical of rebar above a void were seen. It appears there is a vaulted basement room under the sidewalk spanning the building's facade. It is possible that the port is a coal (or similar fuel) chute, or access for a possible tank in or under this basement below or near the access port. Visual inspection of the basement is recommended.

Nikos Tzetos of Pacific Geophysics conducted the survey for Mr. Kyle Sattler of GDI on May 4, 2019. Mr. André DeJong of GDI was on site during the fieldwork. This letter report was written by Nikos Tzetos and emailed to Messrs. Sattler and DeJong on May 17, 2019.

Limitations

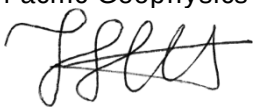
The conclusions presented in this report were based upon widely accepted geophysical principles, methods, and equipment. This survey was conducted with limited knowledge of the site, the site history, and the subsurface conditions.
The goal of near-surface geophysics is to provide a rapid means of characterizing the subsurface using non-intrusive methods. Conclusions based upon these methods are generally reliable; however, due to the inherent ambiguity of the methods, no single interpretation of the data can be made. As an example, rocks and roots produce radar reflections that may appear the same as pipes and tanks.

Under reasonable conditions, geophysical surveys are good at detecting changes in the subsurface caused by man-made objects or changes in subsurface conditions, but they are poor at actually identifying those objects or subsurface conditions.

Objects of interest are not always detectable due to surface and subsurface conditions. The deeper an object is buried, the more difficult it is to detect, and the less accurately it can be located.

The only way to see an object is to physically expose it.

Nikos Tzetos
Pacific Geophysics



May 17, 2019

Appendix A. Geophysical Survey Methods

Ground Penetrating Radar

A Geophysical Survey Systems, Inc. (GSSI) SIR-2000 GPR system coupled to GSSI antennas of various central frequencies is used to obtain the radar data for our surveys.

GPR antennas both transmit and receive electromagnetic energy. EM energy is transmitted into the material the antenna passes over. A portion of that energy is reflected back to the antenna and amplified. Reflections are displayed in real-time in a continuous cross section. Reflections are produced where there is a sufficient electrical contrast between two materials. Changes in the electrical properties (namely the dielectric constant) that produce radar reflections are caused by changes in the moisture content, porosity, mineralogy, and texture of the material. Metallic objects of interest exhibit a strong electrical contrast with the surrounding material and thus produce relatively strong reflections. Non-metallic objects of interest (septic tanks, cesspools, dry wells, and PVC and clay tile pipes) are not always good reflectors.

Radar data are ambiguous. It can be difficult to distinguish the reflection produced by an object of interest from the reflection caused by some natural feature. Rocks or tree roots have reflections that appear similar to reflections from pipes. In concrete investigations reflections produced by metal rebar look exactly like those from electrical conduit or post-tension cables. Objects with too small an electrical contrast may produce no reflections at all and may be missed. Target objects buried below objects with contrasting properties that also produce reflections may be missed (e.g. USTs below roots, concrete pieces, pipes or rocks). If an object of interest like a UST is buried below the depth of penetration of the radar signal, it will be missed.

In addition to interpreting ambiguous data, radar has several limitations that cannot be controlled by the operator. The radar signal is severely attenuated by electrically conductive material, including wet, clay-rich soil and reinforced concrete. The quality of the data is affected by the surface conditions over which the antenna is pulled. Ideally the antenna should rest firmly on a smooth surface. Rough terrain and tall grass reduce the quality of radar data.

It is the job of an experienced interpreter to examine the GPR profiles and deduce if reflections are from objects of interest. A GPR interpreter cannot see underground, but can only interpret reflections based on experience.

The only way to truly identify an object is to excavate.

Hand-held Metal detectors

Two small, non-recording metal detectors are used in our surveys.

Schonstedt Magnetic Gradiometer: This magnetometer has two magnetic sensors separated vertically by 10”. The magnetic field surrounding a ferrous object is strongest near the object and decreases rapidly as the distance increases. If the magnitude measured by the sensor located in the tip of the Schonstedt is very high, and the magnetic field measured by the sensor located farther up the shaft of the Schonstedt is low, there is a large vertical magnetic gradient and the instrument responds with a loud whistle indicating the object is near the surface. If there is a small difference in the magnitudes measured by the two sensors, the object is deeper. The instrument responds with a softer tone. A discussion of this instrument is available at Schonstedt.com.

Aqua-Tronics A-6 Tracer: The Aqua-Tronics A-6 Tracer uses a different method of detecting metallic objects. This instrument measures the electrical conductivity of a metal object. It is capable of detecting any electrically conductive metal, including non-ferrous aluminum and brass. The Tracer is capable of detecting three-dimensional objects as well as pipes.

The Tracer consists of a transmitter coil and a receiver coil. In the absence of any electrically conductive material in the vicinity of the Tracer, the electromagnetic field around each coil is balanced.

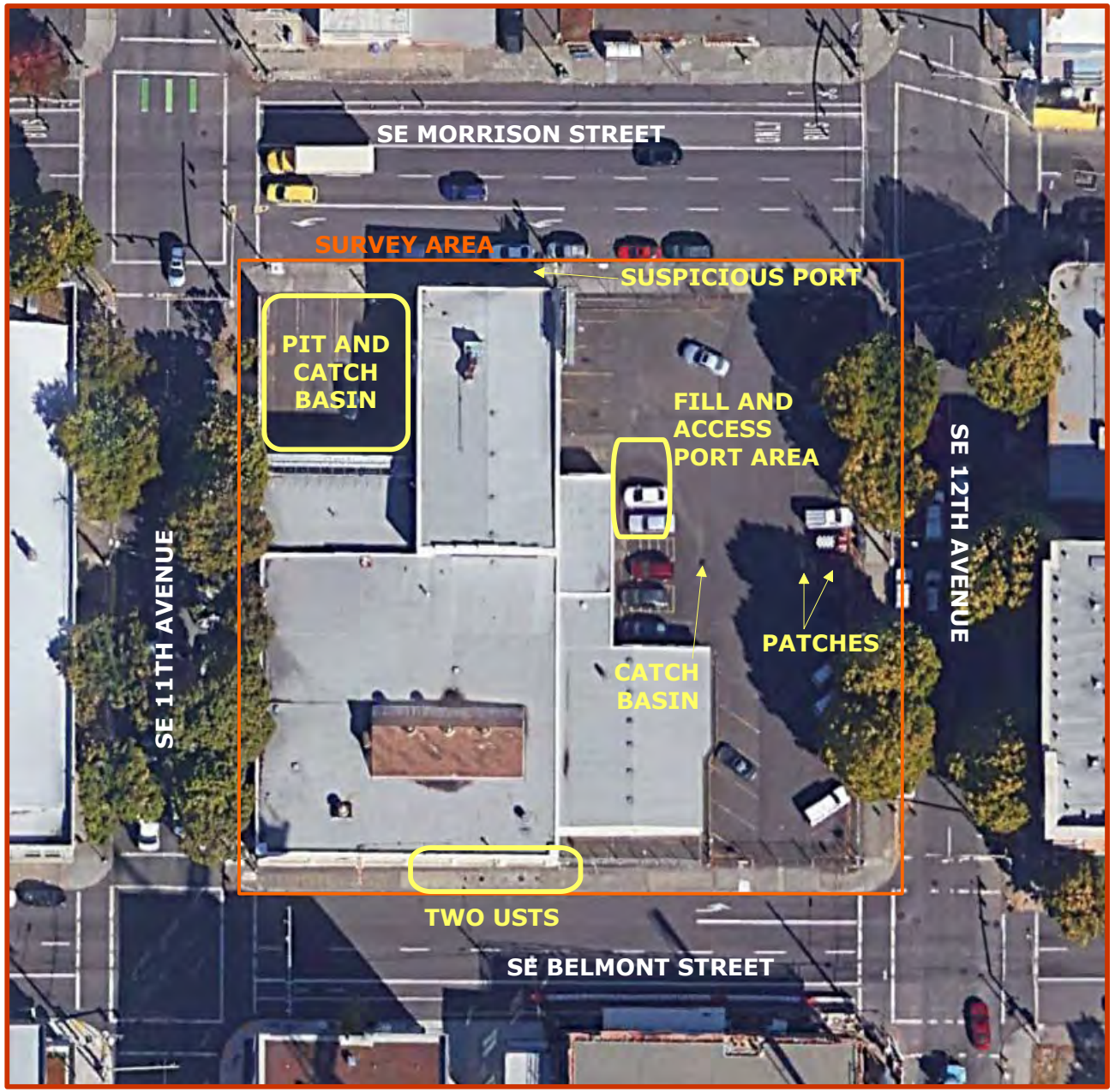
Basically the electromagnetic field produced by the transmitter induces an electric current into the area surrounding the instrument. Nearby conductive objects distort the EM field. The balance between the two coils is disturbed and the instrument produces an audible tone and meter indication.

Radio Detection RD8000 PDL pipe and cable detector: This instrument may be used to detect buried, conductive pipes and utilities. It consists of a transmitter and a receiver and can be used in two configurations.

The transmitter may be used to directly apply a small electrical current to exposed, electrically conductive pipes and utilities. The RD receiver is then able to “trace” the underground portion of the pipe or utility, under some conditions for several hundred feet. The transmitter can also induce an electrical current into buried pipes and utilities where direct contact is not available.

The receiver can also be used alone. It has the capability to locate pipes and utilities by detecting the very small electrical currents induced into the features by nearby AM/FM radio stations.

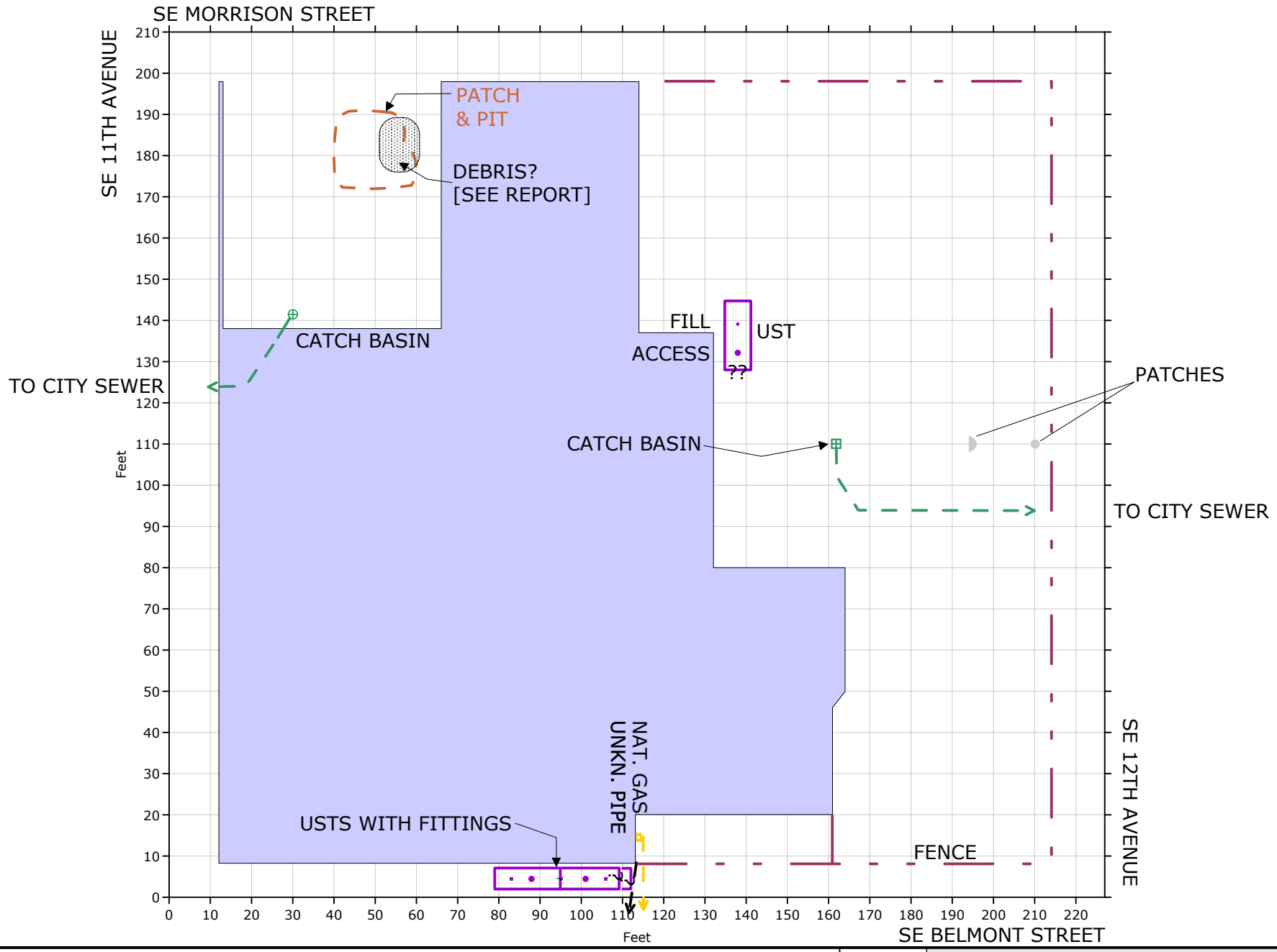
The receiver also has an AC power function that may be used to detect underground power lines.



PACIFIC GEOPHYSICS
Applied Geophysics

N

FIGURE	Survey Site and Areas	
1	Project: 190415	City Block Survey SE Morrison Str. and SE 11th Ave. Portland, Oregon
	Drawn by : NT	Prepared for: GeoDesign, Inc.
		Base Photo from Google Earth Pro



PACIFIC GEOPHYSICS
Applied Geophysics

FIGURE	Site Diagram	
2	Project: 190415	City Block Survey SE Morrison Str. and SE 11th Ave. Portland, Oregon
	Drawn by : NT	Prepared for: GeoDesign, Inc.
		Survey Date: May 4, 2019

APPENDIX D

APPENDIX D

CHEMICAL ANALYTICAL PROGRAM

GENERAL

Standard chain-of-custody procedures were followed during handling and transport of the soil and soil gas/sub-slab vapor samples to the analytical laboratory. The laboratory holds the samples in cold storage pending extraction and/or analysis. The analytical results, analytical methods reference, and laboratory QC records are presented in this appendix. The analytical results also are summarized in the tables of this report.

REVIEW OF ANALYTICAL DATA

The analytical laboratories used for this project maintain an internal quality assurance programs consisting of a combination of the following:

Blanks: Blanks are laboratory-prepared water samples that are free of contaminants. The blanks are carried through the analysis procedure along with the field samples to document that contaminants were not introduced to the samples during sample handling and analysis.

Surrogate Recoveries: Surrogates are organic compounds that are similar in nature to the analytes of concern but are not normally found in nature. The surrogates are added to QC and field samples prior to analysis. The percent recovery of the surrogate is calculated to demonstrate acceptable method performance.

Duplicates: Duplicates are obtained by splitting a sample into two parts. The two separate parts are carried through the analyses. The analytical results are then compared by calculating the RPD between the samples.

MS/MSD Recoveries: An MS sample is a sample that has been split into a second portion. The MSD is obtained by further splitting the MS sample. A known concentration of the analyte of interest is added to the MS and MSD samples. The analytical results for both samples are then compared for RPD and percent recovery to demonstrate acceptable method performance.

BS/BSD Recoveries: BS and BSD samples are obtained and analyzed in the same procedure as the MS/MSD samples; however, the laboratory blank sample is used to obtain the BS/BSD samples. The percent recovery and RPD of the known concentration of analyte of interest added to the BS/BSD sample is calculated after chemical analyses to demonstrate acceptable method performance.

SUMMARY OF ANALYTICAL DATA REVIEW

GeoDesign reviewed the attached analytical data reports for data quality exceptions and deviations from acceptable method performance criteria. Based on our review of the analytical reports, the analytical data appear acceptable for their intended use.

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
EPA ID: OR01039

Tuesday, June 4, 2019

Kyle Sattler
GeoDesign, Inc.
9450 SW Commerce Circle
Wilsonville, OR 97070

RE: A9E0401 - Modera Morrison - Millcreek-19-01-02

Thank you for using Apex Laboratories. We greatly appreciate your business and strive to provide the highest quality services to the environmental industry.

Enclosed are the results of analyses for work order A9E0401, which was received by the laboratory on 5/13/2019 at 3:23:00PM.

If you have any questions concerning this report or the services we offer, please feel free to contact me by email at: pnerenberg@apex-labs.com, or by phone at 503-718-2323.

Please note: All samples will be disposed of within 30 days of final reporting, unless prior arrangements have been made.

Cooler Receipt Information

(See Cooler Receipt Form for details)

Cooler #1	3.1 degC	Cooler #2	5.4 degC
Cooler #3	1.8 degC		

This Final Report is the official version of the data results for this sample submission, unless superseded by a subsequent, labeled amended report.
All other deliverables derived from this data, including Electronic Data Deliverables (EDDs), CLP-like forms, client requested summary sheets, and all other products are considered secondary to this report.

Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Philip Nerenberg, Lab Director

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
DP-1(0.5-1.5)	A9E0401-01	Soil	05/11/19 16:09	05/13/19 15:23
DP-1(11.5-12.5)	A9E0401-03	Soil	05/11/19 16:20	05/13/19 15:23
DP-2(1-2)	A9E0401-04	Soil	05/11/19 10:42	05/13/19 15:23
DP-2(12-13)	A9E0401-06	Soil	05/11/19 11:16	05/13/19 15:23
DP-3(1-2)	A9E0401-07	Soil	05/11/19 13:11	05/13/19 15:23
DP-3(12-13)	A9E0401-09	Soil	05/11/19 13:28	05/13/19 15:23
DP-4(0.5-1.5)	A9E0401-10	Soil	05/11/19 14:44	05/13/19 15:23
DP-4(8-9)	A9E0401-11	Soil	05/11/19 14:49	05/13/19 15:23
DP-4(11.5-12.5)	A9E0401-12	Soil	05/11/19 14:57	05/13/19 15:23
DP-5(1-2)	A9E0401-16	Soil	05/11/19 11:48	05/13/19 15:23
DP-5(8.5-9.5)	A9E0401-17	Soil	05/11/19 11:56	05/13/19 15:23
DP-5(13-14)	A9E0401-18	Soil	05/11/19 12:08	05/13/19 15:23
DP-6(1-2)	A9E0401-19	Soil	05/11/19 12:21	05/13/19 15:23
DP-6(8-9)	A9E0401-20	Soil	05/11/19 12:29	05/13/19 15:23
DP-6(12.5-13.5)	A9E0401-21	Soil	05/11/19 12:34	05/13/19 15:23
DP-7(1-2)	A9E0401-22	Soil	05/11/19 09:17	05/13/19 15:23
DP-7(6.5-7.5)	A9E0401-23	Soil	05/11/19 09:24	05/13/19 15:23
DP-7(11.5-12.5)	A9E0401-24	Soil	05/11/19 08:56	05/13/19 15:23
DP-8(1.5-2.5)	A9E0401-25	Soil	05/11/19 08:24	05/13/19 15:23
DP-8(8-9)	A9E0401-26	Soil	05/11/19 08:49	05/13/19 15:23
DP-8(11.5-12.5)	A9E0401-27	Soil	05/11/19 08:56	05/13/19 15:23
DP-9(1-2)	A9E0401-28	Soil	05/11/19 09:57	05/13/19 15:23
DP-9(8-9)	A9E0401-29	Soil	05/11/19 10:03	05/13/19 15:23
DP-10(2-3)	A9E0401-31	Soil	05/11/19 10:48	05/13/19 15:23
DP-10(13-14)	A9E0401-33	Soil	05/11/19 11:00	05/13/19 15:23
DP-11(3-4)	A9E0401-34	Soil	05/11/19 11:30	05/13/19 15:23
DP-11(10-11)	A9E0401-36	Soil	05/11/19 11:45	05/13/19 15:23
DP-11(18-19)	A9E0401-37	Soil	05/11/19 12:00	05/13/19 15:23
DP-12(1-12)	A9E0401-38	Soil	05/11/19 12:30	05/13/19 15:23
DP-12(12-13)	A9E0401-40	Soil	05/11/19 12:50	05/13/19 15:23
DP-12(16-17)	A9E0401-41	Soil	05/11/19 13:00	05/13/19 15:23
DP-13(4-5)	A9E0401-42	Soil	05/11/19 14:15	05/13/19 15:23
DP-13(9-10)	A9E0401-44	Soil	05/11/19 15:05	05/13/19 15:23

Apex Laboratories

Philip Nerenberg, Lab Director

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Tigard, OR 97223
503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
DP-14(2-3)	A9E0401-46	Soil	05/11/19 15:45	05/13/19 15:23
DP-14(11-12)	A9E0401-48	Soil	05/11/19 16:10	05/13/19 15:23
DP-15(4-5)	A9E0401-49	Soil	05/11/19 16:30	05/13/19 15:23
DP-16(2-3)	A9E0401-52	Soil	05/11/19 17:05	05/13/19 15:23

Apex Laboratories

Philip Nerenberg

Philip Nerenberg, Lab Director

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Hydrocarbon Identification Screen by NWTPH-HCID

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-5(8.5-9.5) (A9E0401-17)				**Matrix: Soil**			**Batch: 9050923**	
Gasoline Range Organics	ND	---	23.9	mg/kg dry	1	05/16/19	NWTPH-HCID	
Diesel Range Organics	ND	---	59.7	mg/kg dry	1	05/16/19	NWTPH-HCID	
Oil Range Organics	ND	---	119	mg/kg dry	1	05/16/19	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*102 %*	*Limits: 50-150 %*	*1*	*05/16/19*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*98 %*	*50-150 %*	*1*	*05/16/19*	*NWTPH-HCID*	
DP-5(13-14) (A9E0401-18)				**Matrix: Soil**			**Batch: 9050923**	
Gasoline Range Organics	ND	---	22.0	mg/kg dry	1	05/16/19	NWTPH-HCID	
Diesel Range Organics	ND	---	55.0	mg/kg dry	1	05/16/19	NWTPH-HCID	
Oil Range Organics	ND	---	110	mg/kg dry	1	05/16/19	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*115 %*	*Limits: 50-150 %*	*1*	*05/16/19*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*112 %*	*50-150 %*	*1*	*05/16/19*	*NWTPH-HCID*	
DP-6(8-9) (A9E0401-20)				**Matrix: Soil**			**Batch: 9050923**	
Gasoline Range Organics	ND	---	25.0	mg/kg dry	1	05/16/19	NWTPH-HCID	
Diesel Range Organics	ND	---	62.6	mg/kg dry	1	05/16/19	NWTPH-HCID	
Oil Range Organics	ND	---	125	mg/kg dry	1	05/16/19	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*100 %*	*Limits: 50-150 %*	*1*	*05/16/19*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*96 %*	*50-150 %*	*1*	*05/16/19*	*NWTPH-HCID*	
DP-6(12.5-13.5) (A9E0401-21)				**Matrix: Soil**			**Batch: 9050923**	
Gasoline Range Organics	ND	---	25.0	mg/kg dry	1	05/16/19	NWTPH-HCID	
Diesel Range Organics	ND	---	62.6	mg/kg dry	1	05/16/19	NWTPH-HCID	
Oil Range Organics	ND	---	125	mg/kg dry	1	05/16/19	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*98 %*	*Limits: 50-150 %*	*1*	*05/16/19*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*92 %*	*50-150 %*	*1*	*05/16/19*	*NWTPH-HCID*	
DP-7(6.5-7.5) (A9E0401-23)				**Matrix: Soil**			**Batch: 9050923**	
Gasoline Range Organics	ND	---	18.4	mg/kg dry	1	05/16/19	NWTPH-HCID	
Diesel Range Organics	ND	---	46.1	mg/kg dry	1	05/16/19	NWTPH-HCID	
Oil Range Organics	ND	---	92.2	mg/kg dry	1	05/16/19	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*114 %*	*Limits: 50-150 %*	*1*	*05/16/19*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*108 %*	*50-150 %*	*1*	*05/16/19*	*NWTPH-HCID*	

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Philip Nerenberg, Lab Director

Apex Laboratories, LLC

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Tigard, OR 97223
503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Hydrocarbon Identification Screen by NWTPH-HCID

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-7(11.5-12.5) (A9E0401-24)				**Matrix: Soil**			**Batch: 9050923**	
Gasoline Range Organics	ND	---	21.9	mg/kg dry	1	05/16/19	NWTPH-HCID	
Diesel Range Organics	ND	---	54.8	mg/kg dry	1	05/16/19	NWTPH-HCID	
Oil Range Organics	ND	---	110	mg/kg dry	1	05/16/19	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*115 %*	*Limits: 50-150 %*	*1*	*05/16/19*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*110 %*	*50-150 %*	*1*	*05/16/19*	*NWTPH-HCID*	
DP-11(10-11) (A9E0401-36)				**Matrix: Soil**			**Batch: 9050923**	
Gasoline Range Organics	ND	---	22.2	mg/kg dry	1	05/16/19	NWTPH-HCID	
Diesel Range Organics	ND	---	55.4	mg/kg dry	1	05/16/19	NWTPH-HCID	
Oil Range Organics	ND	---	111	mg/kg dry	1	05/16/19	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*105 %*	*Limits: 50-150 %*	*1*	*05/16/19*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*100 %*	*50-150 %*	*1*	*05/16/19*	*NWTPH-HCID*	
DP-11(18-19) (A9E0401-37)				**Matrix: Soil**			**Batch: 9050923**	
Gasoline Range Organics	ND	---	21.6	mg/kg dry	1	05/16/19	NWTPH-HCID	
Diesel Range Organics	ND	---	53.9	mg/kg dry	1	05/16/19	NWTPH-HCID	
Oil Range Organics	ND	---	108	mg/kg dry	1	05/16/19	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*107 %*	*Limits: 50-150 %*	*1*	*05/16/19*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*103 %*	*50-150 %*	*1*	*05/16/19*	*NWTPH-HCID*	
DP-12(12-13) (A9E0401-40)				**Matrix: Soil**			**Batch: 9050923**	
Gasoline Range Organics	ND	---	21.9	mg/kg dry	1	05/16/19	NWTPH-HCID	
Diesel Range Organics	ND	---	54.7	mg/kg dry	1	05/16/19	NWTPH-HCID	
Oil Range Organics	ND	---	109	mg/kg dry	1	05/16/19	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*109 %*	*Limits: 50-150 %*	*1*	*05/16/19*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*100 %*	*50-150 %*	*1*	*05/16/19*	*NWTPH-HCID*	
DP-12(16-17) (A9E0401-41)				**Matrix: Soil**			**Batch: 9050923**	
Gasoline Range Organics	ND	---	21.1	mg/kg dry	1	05/16/19	NWTPH-HCID	
Diesel Range Organics	ND	---	52.7	mg/kg dry	1	05/16/19	NWTPH-HCID	
Oil Range Organics	ND	---	105	mg/kg dry	1	05/16/19	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*103 %*	*Limits: 50-150 %*	*1*	*05/16/19*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*98 %*	*50-150 %*	*1*	*05/16/19*	*NWTPH-HCID*	

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Philip Nerenberg, Lab Director

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6700 S.W. Sandburg Street
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503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-1(0.5-1.5) (A9E0401-01)				**Matrix: Soil**			**Batch: 9050878**	
Acetone	ND	---	1.38	mg/kg dry	50	05/14/19	5035A/8260C	
Acrylonitrile	ND	---	0.138	mg/kg dry	50	05/14/19	5035A/8260C	
Benzene	ND	---	0.0138	mg/kg dry	50	05/14/19	5035A/8260C	
Bromobenzene	ND	---	0.0346	mg/kg dry	50	05/14/19	5035A/8260C	
Bromochloromethane	ND	---	0.0692	mg/kg dry	50	05/14/19	5035A/8260C	
Bromodichloromethane	ND	---	0.138	mg/kg dry	50	05/14/19	5035A/8260C	
Bromoform	ND	---	0.277	mg/kg dry	50	05/14/19	5035A/8260C	
Bromomethane	ND	---	0.692	mg/kg dry	50	05/14/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.692	mg/kg dry	50	05/14/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0692	mg/kg dry	50	05/14/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0692	mg/kg dry	50	05/14/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0692	mg/kg dry	50	05/14/19	5035A/8260C	
Carbon disulfide	ND	---	0.692	mg/kg dry	50	05/14/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.138	mg/kg dry	50	05/14/19	5035A/8260C	
Chlorobenzene	ND	---	0.0346	mg/kg dry	50	05/14/19	5035A/8260C	
Chloroethane	ND	---	0.692	mg/kg dry	50	05/14/19	5035A/8260C	
Chloroform	ND	---	0.0692	mg/kg dry	50	05/14/19	5035A/8260C	
Chloromethane	ND	---	0.346	mg/kg dry	50	05/14/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0692	mg/kg dry	50	05/14/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0692	mg/kg dry	50	05/14/19	5035A/8260C	
Dibromochloromethane	ND	---	0.138	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.346	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0692	mg/kg dry	50	05/14/19	5035A/8260C	
Dibromomethane	ND	---	0.0692	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0346	mg/kg dry	50	05/14/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0346	mg/kg dry	50	05/14/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0346	mg/kg dry	50	05/14/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.138	mg/kg dry	50	05/14/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0346	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0346	mg/kg dry	50	05/14/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0346	mg/kg dry	50	05/14/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0346	mg/kg dry	50	05/14/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0346	mg/kg dry	50	05/14/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-1(0.5-1.5) (A9E0401-01)				**Matrix: Soil**			**Batch: 9050878**	
1,2-Dichloropropane	ND	---	0.0346	mg/kg dry	50	05/14/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0692	mg/kg dry	50	05/14/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0692	mg/kg dry	50	05/14/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0692	mg/kg dry	50	05/14/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0692	mg/kg dry	50	05/14/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0692	mg/kg dry	50	05/14/19	5035A/8260C	
Ethylbenzene	ND	---	0.0346	mg/kg dry	50	05/14/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.138	mg/kg dry	50	05/14/19	5035A/8260C	
2-Hexanone	ND	---	0.692	mg/kg dry	50	05/14/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0692	mg/kg dry	50	05/14/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0692	mg/kg dry	50	05/14/19	5035A/8260C	
Methylene chloride	ND	---	0.346	mg/kg dry	50	05/14/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.692	mg/kg dry	50	05/14/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0692	mg/kg dry	50	05/14/19	5035A/8260C	
Naphthalene	ND	---	0.138	mg/kg dry	50	05/14/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0346	mg/kg dry	50	05/14/19	5035A/8260C	
Styrene	ND	---	0.0692	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.138	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0692	mg/kg dry	50	05/14/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0346	mg/kg dry	50	05/14/19	5035A/8260C	
Toluene	ND	---	0.0692	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.346	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.346	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0346	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0346	mg/kg dry	50	05/14/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0346	mg/kg dry	50	05/14/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.138	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0692	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0692	mg/kg dry	50	05/14/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0692	mg/kg dry	50	05/14/19	5035A/8260C	
Vinyl chloride	ND	---	0.0346	mg/kg dry	50	05/14/19	5035A/8260C	
m,p-Xylene	ND	---	0.0692	mg/kg dry	50	05/14/19	5035A/8260C	
o-Xylene	ND	---	0.0346	mg/kg dry	50	05/14/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-1(0.5-1.5) (A9E0401-01)				**Matrix: Soil**			**Batch: 9050878**	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*100 %*	*Limits: 80-120 %*	*1*	*05/14/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*101 %*	*80-120 %*	*1*	*05/14/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*104 %*	*80-120 %*	*1*	*05/14/19*	*5035A/8260C*	
DP-1(11.5-12.5) (A9E0401-03)				**Matrix: Soil**			**Batch: 9050878**	
Acetone	ND	---	1.19	mg/kg dry	50	05/14/19	5035A/8260C	
Acrylonitrile	ND	---	0.119	mg/kg dry	50	05/14/19	5035A/8260C	
Benzene	ND	---	0.0119	mg/kg dry	50	05/14/19	5035A/8260C	
Bromobenzene	ND	---	0.0297	mg/kg dry	50	05/14/19	5035A/8260C	
Bromochloromethane	ND	---	0.0593	mg/kg dry	50	05/14/19	5035A/8260C	
Bromodichloromethane	ND	---	0.119	mg/kg dry	50	05/14/19	5035A/8260C	
Bromoform	ND	---	0.237	mg/kg dry	50	05/14/19	5035A/8260C	
Bromomethane	ND	---	0.593	mg/kg dry	50	05/14/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.593	mg/kg dry	50	05/14/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0593	mg/kg dry	50	05/14/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0593	mg/kg dry	50	05/14/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0593	mg/kg dry	50	05/14/19	5035A/8260C	
Carbon disulfide	ND	---	0.593	mg/kg dry	50	05/14/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.119	mg/kg dry	50	05/14/19	5035A/8260C	
Chlorobenzene	ND	---	0.0297	mg/kg dry	50	05/14/19	5035A/8260C	
Chloroethane	ND	---	0.593	mg/kg dry	50	05/14/19	5035A/8260C	
Chloroform	ND	---	0.0593	mg/kg dry	50	05/14/19	5035A/8260C	
Chloromethane	ND	---	0.297	mg/kg dry	50	05/14/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0593	mg/kg dry	50	05/14/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0593	mg/kg dry	50	05/14/19	5035A/8260C	
Dibromochloromethane	ND	---	0.119	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.297	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0593	mg/kg dry	50	05/14/19	5035A/8260C	
Dibromomethane	ND	---	0.0593	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0297	mg/kg dry	50	05/14/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0297	mg/kg dry	50	05/14/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0297	mg/kg dry	50	05/14/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.119	mg/kg dry	50	05/14/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0297	mg/kg dry	50	05/14/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-1(11.5-12.5) (A9E0401-03)				**Matrix: Soil**			**Batch: 9050878**	
1,2-Dichloroethane (EDC)	ND	---	0.0297	mg/kg dry	50	05/14/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0297	mg/kg dry	50	05/14/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0297	mg/kg dry	50	05/14/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0297	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0297	mg/kg dry	50	05/14/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0593	mg/kg dry	50	05/14/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0593	mg/kg dry	50	05/14/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0593	mg/kg dry	50	05/14/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0593	mg/kg dry	50	05/14/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0593	mg/kg dry	50	05/14/19	5035A/8260C	
Ethylbenzene	ND	---	0.0297	mg/kg dry	50	05/14/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.119	mg/kg dry	50	05/14/19	5035A/8260C	
2-Hexanone	ND	---	0.593	mg/kg dry	50	05/14/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0593	mg/kg dry	50	05/14/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0593	mg/kg dry	50	05/14/19	5035A/8260C	
Methylene chloride	ND	---	0.297	mg/kg dry	50	05/14/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.593	mg/kg dry	50	05/14/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0593	mg/kg dry	50	05/14/19	5035A/8260C	
Naphthalene	ND	---	0.119	mg/kg dry	50	05/14/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0297	mg/kg dry	50	05/14/19	5035A/8260C	
Styrene	ND	---	0.0593	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.119	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0593	mg/kg dry	50	05/14/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0297	mg/kg dry	50	05/14/19	5035A/8260C	
Toluene	ND	---	0.0593	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.297	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.297	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0297	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0297	mg/kg dry	50	05/14/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0297	mg/kg dry	50	05/14/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.119	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0593	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0593	mg/kg dry	50	05/14/19	5035A/8260C	

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Philip Nerenberg, Lab Director

Apex Laboratories, LLC
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503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-1(11.5-12.5) (A9E0401-03)				**Matrix: Soil**			**Batch: 9050878**	
1,3,5-Trimethylbenzene	ND	---	0.0593	mg/kg dry	50	05/14/19	5035A/8260C	
Vinyl chloride	ND	---	0.0297	mg/kg dry	50	05/14/19	5035A/8260C	
m,p-Xylene	ND	---	0.0593	mg/kg dry	50	05/14/19	5035A/8260C	
o-Xylene	ND	---	0.0297	mg/kg dry	50	05/14/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*103 %*	*Limits: 80-120 %*	*1*	*05/14/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*93 %*	*80-120 %*	*1*	*05/14/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*111 %*	*80-120 %*	*1*	*05/14/19*	*5035A/8260C*	
DP-2(1-2) (A9E0401-04)				**Matrix: Soil**			**Batch: 9050878**	
Acetone	ND	---	1.30	mg/kg dry	50	05/14/19	5035A/8260C	
Acrylonitrile	ND	---	0.130	mg/kg dry	50	05/14/19	5035A/8260C	
Benzene	ND	---	0.0130	mg/kg dry	50	05/14/19	5035A/8260C	
Bromobenzene	ND	---	0.0326	mg/kg dry	50	05/14/19	5035A/8260C	
Bromochloromethane	ND	---	0.0652	mg/kg dry	50	05/14/19	5035A/8260C	
Bromodichloromethane	ND	---	0.130	mg/kg dry	50	05/14/19	5035A/8260C	
Bromoform	ND	---	0.261	mg/kg dry	50	05/14/19	5035A/8260C	
Bromomethane	ND	---	0.652	mg/kg dry	50	05/14/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.652	mg/kg dry	50	05/14/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0652	mg/kg dry	50	05/14/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0652	mg/kg dry	50	05/14/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0652	mg/kg dry	50	05/14/19	5035A/8260C	
Carbon disulfide	ND	---	0.652	mg/kg dry	50	05/14/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.130	mg/kg dry	50	05/14/19	5035A/8260C	
Chlorobenzene	ND	---	0.0326	mg/kg dry	50	05/14/19	5035A/8260C	
Chloroethane	ND	---	0.652	mg/kg dry	50	05/14/19	5035A/8260C	
Chloroform	ND	---	0.0652	mg/kg dry	50	05/14/19	5035A/8260C	
Chloromethane	ND	---	0.326	mg/kg dry	50	05/14/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0652	mg/kg dry	50	05/14/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0652	mg/kg dry	50	05/14/19	5035A/8260C	
Dibromochloromethane	ND	---	0.130	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.326	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0652	mg/kg dry	50	05/14/19	5035A/8260C	
Dibromomethane	ND	---	0.0652	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0326	mg/kg dry	50	05/14/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-2(1-2) (A9E0401-04)				**Matrix: Soil**			**Batch: 9050878**	
1,3-Dichlorobenzene	ND	---	0.0326	mg/kg dry	50	05/14/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0326	mg/kg dry	50	05/14/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.130	mg/kg dry	50	05/14/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0326	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0326	mg/kg dry	50	05/14/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0326	mg/kg dry	50	05/14/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0326	mg/kg dry	50	05/14/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0326	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0326	mg/kg dry	50	05/14/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0652	mg/kg dry	50	05/14/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0652	mg/kg dry	50	05/14/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0652	mg/kg dry	50	05/14/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0652	mg/kg dry	50	05/14/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0652	mg/kg dry	50	05/14/19	5035A/8260C	
Ethylbenzene	ND	---	0.0326	mg/kg dry	50	05/14/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.130	mg/kg dry	50	05/14/19	5035A/8260C	
2-Hexanone	ND	---	0.652	mg/kg dry	50	05/14/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0652	mg/kg dry	50	05/14/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0652	mg/kg dry	50	05/14/19	5035A/8260C	
Methylene chloride	ND	---	0.326	mg/kg dry	50	05/14/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.652	mg/kg dry	50	05/14/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0652	mg/kg dry	50	05/14/19	5035A/8260C	
Naphthalene	ND	---	0.130	mg/kg dry	50	05/14/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0326	mg/kg dry	50	05/14/19	5035A/8260C	
Styrene	ND	---	0.0652	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.130	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0652	mg/kg dry	50	05/14/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0326	mg/kg dry	50	05/14/19	5035A/8260C	
Toluene	ND	---	0.0652	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.326	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.326	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0326	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0326	mg/kg dry	50	05/14/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-2(1-2) (A9E0401-04)				**Matrix: Soil**			**Batch: 9050878**	
Trichloroethene (TCE)	ND	---	0.0326	mg/kg dry	50	05/14/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.130	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0652	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0652	mg/kg dry	50	05/14/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0652	mg/kg dry	50	05/14/19	5035A/8260C	
Vinyl chloride	ND	---	0.0326	mg/kg dry	50	05/14/19	5035A/8260C	
m,p-Xylene	ND	---	0.0652	mg/kg dry	50	05/14/19	5035A/8260C	
o-Xylene	ND	---	0.0326	mg/kg dry	50	05/14/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*99 %*	*Limits: 80-120 %*	*1*	*05/14/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*97 %*	*80-120 %*	*1*	*05/14/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*105 %*	*80-120 %*	*1*	*05/14/19*	*5035A/8260C*	
DP-2(12-13) (A9E0401-06)				**Matrix: Soil**			**Batch: 9050878**	
Acetone	ND	---	1.37	mg/kg dry	50	05/14/19	5035A/8260C	
Acrylonitrile	ND	---	0.137	mg/kg dry	50	05/14/19	5035A/8260C	
Benzene	ND	---	0.0137	mg/kg dry	50	05/14/19	5035A/8260C	
Bromobenzene	ND	---	0.0342	mg/kg dry	50	05/14/19	5035A/8260C	
Bromochloromethane	ND	---	0.0683	mg/kg dry	50	05/14/19	5035A/8260C	
Bromodichloromethane	ND	---	0.137	mg/kg dry	50	05/14/19	5035A/8260C	
Bromoform	ND	---	0.273	mg/kg dry	50	05/14/19	5035A/8260C	
Bromomethane	ND	---	0.683	mg/kg dry	50	05/14/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.683	mg/kg dry	50	05/14/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0683	mg/kg dry	50	05/14/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0683	mg/kg dry	50	05/14/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0683	mg/kg dry	50	05/14/19	5035A/8260C	
Carbon disulfide	ND	---	0.683	mg/kg dry	50	05/14/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.137	mg/kg dry	50	05/14/19	5035A/8260C	
Chlorobenzene	ND	---	0.0342	mg/kg dry	50	05/14/19	5035A/8260C	
Chloroethane	ND	---	0.683	mg/kg dry	50	05/14/19	5035A/8260C	
Chloroform	ND	---	0.0683	mg/kg dry	50	05/14/19	5035A/8260C	
Chloromethane	ND	---	0.342	mg/kg dry	50	05/14/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0683	mg/kg dry	50	05/14/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0683	mg/kg dry	50	05/14/19	5035A/8260C	
Dibromochloromethane	ND	---	0.137	mg/kg dry	50	05/14/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-2(12-13) (A9E0401-06)				**Matrix: Soil**			**Batch: 9050878**	
1,2-Dibromo-3-chloropropane	ND	---	0.342	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0683	mg/kg dry	50	05/14/19	5035A/8260C	
Dibromomethane	ND	---	0.0683	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0342	mg/kg dry	50	05/14/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0342	mg/kg dry	50	05/14/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0342	mg/kg dry	50	05/14/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.137	mg/kg dry	50	05/14/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0342	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0342	mg/kg dry	50	05/14/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0342	mg/kg dry	50	05/14/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0342	mg/kg dry	50	05/14/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0342	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0342	mg/kg dry	50	05/14/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0683	mg/kg dry	50	05/14/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0683	mg/kg dry	50	05/14/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0683	mg/kg dry	50	05/14/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0683	mg/kg dry	50	05/14/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0683	mg/kg dry	50	05/14/19	5035A/8260C	
Ethylbenzene	ND	---	0.0342	mg/kg dry	50	05/14/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.137	mg/kg dry	50	05/14/19	5035A/8260C	
2-Hexanone	ND	---	0.683	mg/kg dry	50	05/14/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0683	mg/kg dry	50	05/14/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0683	mg/kg dry	50	05/14/19	5035A/8260C	
Methylene chloride	ND	---	0.342	mg/kg dry	50	05/14/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.683	mg/kg dry	50	05/14/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0683	mg/kg dry	50	05/14/19	5035A/8260C	
Naphthalene	ND	---	0.137	mg/kg dry	50	05/14/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0342	mg/kg dry	50	05/14/19	5035A/8260C	
Styrene	ND	---	0.0683	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.137	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0683	mg/kg dry	50	05/14/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0342	mg/kg dry	50	05/14/19	5035A/8260C	
Toluene	ND	---	0.0683	mg/kg dry	50	05/14/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-2(12-13) (A9E0401-06)				**Matrix: Soil**			**Batch: 9050878**	
1,2,3-Trichlorobenzene	ND	---	0.342	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.342	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0342	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0342	mg/kg dry	50	05/14/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0342	mg/kg dry	50	05/14/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.137	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0683	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0683	mg/kg dry	50	05/14/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0683	mg/kg dry	50	05/14/19	5035A/8260C	
Vinyl chloride	ND	---	0.0342	mg/kg dry	50	05/14/19	5035A/8260C	
m,p-Xylene	ND	---	0.0683	mg/kg dry	50	05/14/19	5035A/8260C	
o-Xylene	ND	---	0.0342	mg/kg dry	50	05/14/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*102 %*	*Limits: 80-120 %*	*1*	*05/14/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*96 %*	*80-120 %*	*1*	*05/14/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*104 %*	*80-120 %*	*1*	*05/14/19*	*5035A/8260C*	
DP-3(1-2) (A9E0401-07)				**Matrix: Soil**			**Batch: 9050878**	
Acetone	ND	---	1.24	mg/kg dry	50	05/14/19	5035A/8260C	
Acrylonitrile	ND	---	0.124	mg/kg dry	50	05/14/19	5035A/8260C	
Benzene	ND	---	0.0124	mg/kg dry	50	05/14/19	5035A/8260C	
Bromobenzene	ND	---	0.0309	mg/kg dry	50	05/14/19	5035A/8260C	
Bromochloromethane	ND	---	0.0619	mg/kg dry	50	05/14/19	5035A/8260C	
Bromodichloromethane	ND	---	0.124	mg/kg dry	50	05/14/19	5035A/8260C	
Bromoform	ND	---	0.248	mg/kg dry	50	05/14/19	5035A/8260C	
Bromomethane	ND	---	0.619	mg/kg dry	50	05/14/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.619	mg/kg dry	50	05/14/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0619	mg/kg dry	50	05/14/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0619	mg/kg dry	50	05/14/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0619	mg/kg dry	50	05/14/19	5035A/8260C	
Carbon disulfide	ND	---	0.619	mg/kg dry	50	05/14/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.124	mg/kg dry	50	05/14/19	5035A/8260C	
Chlorobenzene	ND	---	0.0309	mg/kg dry	50	05/14/19	5035A/8260C	
Chloroethane	ND	---	0.619	mg/kg dry	50	05/14/19	5035A/8260C	
Chloroform	ND	---	0.0619	mg/kg dry	50	05/14/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-3(1-2) (A9E0401-07)				**Matrix: Soil**			**Batch: 9050878**	
Chloromethane	ND	---	0.309	mg/kg dry	50	05/14/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0619	mg/kg dry	50	05/14/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0619	mg/kg dry	50	05/14/19	5035A/8260C	
Dibromochloromethane	ND	---	0.124	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.309	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0619	mg/kg dry	50	05/14/19	5035A/8260C	
Dibromomethane	ND	---	0.0619	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0309	mg/kg dry	50	05/14/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0309	mg/kg dry	50	05/14/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0309	mg/kg dry	50	05/14/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.124	mg/kg dry	50	05/14/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0309	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0309	mg/kg dry	50	05/14/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0309	mg/kg dry	50	05/14/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0309	mg/kg dry	50	05/14/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0309	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0309	mg/kg dry	50	05/14/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0619	mg/kg dry	50	05/14/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0619	mg/kg dry	50	05/14/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0619	mg/kg dry	50	05/14/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0619	mg/kg dry	50	05/14/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0619	mg/kg dry	50	05/14/19	5035A/8260C	
Ethylbenzene	ND	---	0.0309	mg/kg dry	50	05/14/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.124	mg/kg dry	50	05/14/19	5035A/8260C	
2-Hexanone	ND	---	0.619	mg/kg dry	50	05/14/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0619	mg/kg dry	50	05/14/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0619	mg/kg dry	50	05/14/19	5035A/8260C	
Methylene chloride	ND	---	0.309	mg/kg dry	50	05/14/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.619	mg/kg dry	50	05/14/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0619	mg/kg dry	50	05/14/19	5035A/8260C	
Naphthalene	ND	---	0.124	mg/kg dry	50	05/14/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0309	mg/kg dry	50	05/14/19	5035A/8260C	
Styrene	ND	---	0.0619	mg/kg dry	50	05/14/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-3(1-2) (A9E0401-07)				**Matrix: Soil**			**Batch: 9050878**	
1,1,1,2-Tetrachloroethane	ND	---	0.124	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0619	mg/kg dry	50	05/14/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0309	mg/kg dry	50	05/14/19	5035A/8260C	
Toluene	ND	---	0.0619	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.309	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.309	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0309	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0309	mg/kg dry	50	05/14/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0309	mg/kg dry	50	05/14/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.124	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0619	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0619	mg/kg dry	50	05/14/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0619	mg/kg dry	50	05/14/19	5035A/8260C	
Vinyl chloride	ND	---	0.0309	mg/kg dry	50	05/14/19	5035A/8260C	
m,p-Xylene	ND	---	0.0619	mg/kg dry	50	05/14/19	5035A/8260C	
o-Xylene	ND	---	0.0309	mg/kg dry	50	05/14/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*100 %*	*Limits: 80-120 %*	*1*	*05/14/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*98 %*	*80-120 %*	*1*	*05/14/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*105 %*	*80-120 %*	*1*	*05/14/19*	*5035A/8260C*	
DP-3(12-13) (A9E0401-09)				**Matrix: Soil**			**Batch: 9050878**	
Acetone	ND	---	1.71	mg/kg dry	50	05/14/19	5035A/8260C	
Acrylonitrile	ND	---	0.171	mg/kg dry	50	05/14/19	5035A/8260C	
Benzene	ND	---	0.0171	mg/kg dry	50	05/14/19	5035A/8260C	
Bromobenzene	ND	---	0.0427	mg/kg dry	50	05/14/19	5035A/8260C	
Bromochloromethane	ND	---	0.0854	mg/kg dry	50	05/14/19	5035A/8260C	
Bromodichloromethane	ND	---	0.171	mg/kg dry	50	05/14/19	5035A/8260C	
Bromoform	ND	---	0.342	mg/kg dry	50	05/14/19	5035A/8260C	
Bromomethane	ND	---	0.854	mg/kg dry	50	05/14/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.854	mg/kg dry	50	05/14/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0854	mg/kg dry	50	05/14/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0854	mg/kg dry	50	05/14/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0854	mg/kg dry	50	05/14/19	5035A/8260C	
Carbon disulfide	ND	---	0.854	mg/kg dry	50	05/14/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-3(12-13) (A9E0401-09)				**Matrix: Soil**			**Batch: 9050878**	
Carbon tetrachloride	ND	---	0.171	mg/kg dry	50	05/14/19	5035A/8260C	
Chlorobenzene	ND	---	0.0427	mg/kg dry	50	05/14/19	5035A/8260C	
Chloroethane	ND	---	0.854	mg/kg dry	50	05/14/19	5035A/8260C	
Chloroform	ND	---	0.0854	mg/kg dry	50	05/14/19	5035A/8260C	
Chloromethane	ND	---	0.427	mg/kg dry	50	05/14/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0854	mg/kg dry	50	05/14/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0854	mg/kg dry	50	05/14/19	5035A/8260C	
Dibromochloromethane	ND	---	0.171	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.427	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0854	mg/kg dry	50	05/14/19	5035A/8260C	
Dibromomethane	ND	---	0.0854	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0427	mg/kg dry	50	05/14/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0427	mg/kg dry	50	05/14/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0427	mg/kg dry	50	05/14/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.171	mg/kg dry	50	05/14/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0427	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0427	mg/kg dry	50	05/14/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0427	mg/kg dry	50	05/14/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0427	mg/kg dry	50	05/14/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0427	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0427	mg/kg dry	50	05/14/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0854	mg/kg dry	50	05/14/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0854	mg/kg dry	50	05/14/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0854	mg/kg dry	50	05/14/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0854	mg/kg dry	50	05/14/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0854	mg/kg dry	50	05/14/19	5035A/8260C	
Ethylbenzene	ND	---	0.0427	mg/kg dry	50	05/14/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.171	mg/kg dry	50	05/14/19	5035A/8260C	
2-Hexanone	ND	---	0.854	mg/kg dry	50	05/14/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0854	mg/kg dry	50	05/14/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0854	mg/kg dry	50	05/14/19	5035A/8260C	
Methylene chloride	ND	---	0.427	mg/kg dry	50	05/14/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.854	mg/kg dry	50	05/14/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-3(12-13) (A9E0401-09)				**Matrix: Soil**			**Batch: 9050878**	
Methyl tert-butyl ether (MTBE)	ND	---	0.0854	mg/kg dry	50	05/14/19	5035A/8260C	
Naphthalene	ND	---	0.171	mg/kg dry	50	05/14/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0427	mg/kg dry	50	05/14/19	5035A/8260C	
Styrene	ND	---	0.0854	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.171	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0854	mg/kg dry	50	05/14/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0427	mg/kg dry	50	05/14/19	5035A/8260C	
Toluene	ND	---	0.0854	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.427	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.427	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0427	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0427	mg/kg dry	50	05/14/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0427	mg/kg dry	50	05/14/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.171	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0854	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0854	mg/kg dry	50	05/14/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0854	mg/kg dry	50	05/14/19	5035A/8260C	
Vinyl chloride	ND	---	0.0427	mg/kg dry	50	05/14/19	5035A/8260C	
m,p-Xylene	ND	---	0.0854	mg/kg dry	50	05/14/19	5035A/8260C	
o-Xylene	ND	---	0.0427	mg/kg dry	50	05/14/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*99 %*	*Limits: 80-120 %*	*1*	*05/14/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*99 %*	*80-120 %*	*1*	*05/14/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*105 %*	*80-120 %*	*1*	*05/14/19*	*5035A/8260C*	
DP-4(0.5-1.5) (A9E0401-10)				**Matrix: Soil**			**Batch: 9050878**	
Acetone	ND	---	1.14	mg/kg dry	50	05/14/19	5035A/8260C	
Acrylonitrile	ND	---	0.114	mg/kg dry	50	05/14/19	5035A/8260C	
Benzene	ND	---	0.0114	mg/kg dry	50	05/14/19	5035A/8260C	
Bromobenzene	ND	---	0.0286	mg/kg dry	50	05/14/19	5035A/8260C	
Bromochloromethane	ND	---	0.0572	mg/kg dry	50	05/14/19	5035A/8260C	
Bromodichloromethane	ND	---	0.114	mg/kg dry	50	05/14/19	5035A/8260C	
Bromoform	ND	---	0.229	mg/kg dry	50	05/14/19	5035A/8260C	
Bromomethane	ND	---	0.572	mg/kg dry	50	05/14/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.572	mg/kg dry	50	05/14/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-4(0.5-1.5) (A9E0401-10)				**Matrix: Soil**			**Batch: 9050878**	
n-Butylbenzene	ND	---	0.0572	mg/kg dry	50	05/14/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0572	mg/kg dry	50	05/14/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0572	mg/kg dry	50	05/14/19	5035A/8260C	
Carbon disulfide	ND	---	0.572	mg/kg dry	50	05/14/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.114	mg/kg dry	50	05/14/19	5035A/8260C	
Chlorobenzene	ND	---	0.0286	mg/kg dry	50	05/14/19	5035A/8260C	
Chloroethane	ND	---	0.572	mg/kg dry	50	05/14/19	5035A/8260C	
Chloroform	ND	---	0.0572	mg/kg dry	50	05/14/19	5035A/8260C	
Chloromethane	ND	---	0.286	mg/kg dry	50	05/14/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0572	mg/kg dry	50	05/14/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0572	mg/kg dry	50	05/14/19	5035A/8260C	
Dibromochloromethane	ND	---	0.114	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.286	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0572	mg/kg dry	50	05/14/19	5035A/8260C	
Dibromomethane	ND	---	0.0572	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0286	mg/kg dry	50	05/14/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0286	mg/kg dry	50	05/14/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0286	mg/kg dry	50	05/14/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.114	mg/kg dry	50	05/14/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0286	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0286	mg/kg dry	50	05/14/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0286	mg/kg dry	50	05/14/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0286	mg/kg dry	50	05/14/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0286	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0286	mg/kg dry	50	05/14/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0572	mg/kg dry	50	05/14/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0572	mg/kg dry	50	05/14/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0572	mg/kg dry	50	05/14/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0572	mg/kg dry	50	05/14/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0572	mg/kg dry	50	05/14/19	5035A/8260C	
Ethylbenzene	ND	---	0.0286	mg/kg dry	50	05/14/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.114	mg/kg dry	50	05/14/19	5035A/8260C	
2-Hexanone	ND	---	0.572	mg/kg dry	50	05/14/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-4(0.5-1.5) (A9E0401-10)				**Matrix: Soil**			**Batch: 9050878**	
Isopropylbenzene	ND	---	0.0572	mg/kg dry	50	05/14/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0572	mg/kg dry	50	05/14/19	5035A/8260C	
Methylene chloride	ND	---	0.286	mg/kg dry	50	05/14/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.572	mg/kg dry	50	05/14/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0572	mg/kg dry	50	05/14/19	5035A/8260C	
Naphthalene	ND	---	0.114	mg/kg dry	50	05/14/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0286	mg/kg dry	50	05/14/19	5035A/8260C	
Styrene	ND	---	0.0572	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.114	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0572	mg/kg dry	50	05/14/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0286	mg/kg dry	50	05/14/19	5035A/8260C	
Toluene	ND	---	0.0572	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.286	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.286	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0286	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0286	mg/kg dry	50	05/14/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0286	mg/kg dry	50	05/14/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.114	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0572	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0572	mg/kg dry	50	05/14/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0572	mg/kg dry	50	05/14/19	5035A/8260C	
Vinyl chloride	ND	---	0.0286	mg/kg dry	50	05/14/19	5035A/8260C	
m,p-Xylene	ND	---	0.0572	mg/kg dry	50	05/14/19	5035A/8260C	
o-Xylene	ND	---	0.0286	mg/kg dry	50	05/14/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*100 %*	*Limits: 80-120 %*	*1*	*05/14/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*98 %*	*80-120 %*	*1*	*05/14/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*106 %*	*80-120 %*	*1*	*05/14/19*	*5035A/8260C*	
DP-4(8-9) (A9E0401-11)				**Matrix: Soil**			**Batch: 9050878**	
Acetone	ND	---	1.49	mg/kg dry	50	05/14/19	5035A/8260C	
Acrylonitrile	ND	---	0.149	mg/kg dry	50	05/14/19	5035A/8260C	
Benzene	ND	---	0.0149	mg/kg dry	50	05/14/19	5035A/8260C	
Bromobenzene	ND	---	0.0372	mg/kg dry	50	05/14/19	5035A/8260C	
Bromochloromethane	ND	---	0.0743	mg/kg dry	50	05/14/19	5035A/8260C	

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Philip Nerenberg, Lab Director

Apex Laboratories, LLC

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503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-4(8-9) (A9E0401-11)				**Matrix: Soil**			**Batch: 9050878**	
Bromodichloromethane	ND	---	0.149	mg/kg dry	50	05/14/19	5035A/8260C	
Bromoform	ND	---	0.297	mg/kg dry	50	05/14/19	5035A/8260C	
Bromomethane	ND	---	0.743	mg/kg dry	50	05/14/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.743	mg/kg dry	50	05/14/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0743	mg/kg dry	50	05/14/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0743	mg/kg dry	50	05/14/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0743	mg/kg dry	50	05/14/19	5035A/8260C	
Carbon disulfide	ND	---	0.743	mg/kg dry	50	05/14/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.149	mg/kg dry	50	05/14/19	5035A/8260C	
Chlorobenzene	ND	---	0.0372	mg/kg dry	50	05/14/19	5035A/8260C	
Chloroethane	ND	---	0.743	mg/kg dry	50	05/14/19	5035A/8260C	
Chloroform	ND	---	0.0743	mg/kg dry	50	05/14/19	5035A/8260C	
Chloromethane	ND	---	0.372	mg/kg dry	50	05/14/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0743	mg/kg dry	50	05/14/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0743	mg/kg dry	50	05/14/19	5035A/8260C	
Dibromochloromethane	ND	---	0.149	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.372	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0743	mg/kg dry	50	05/14/19	5035A/8260C	
Dibromomethane	ND	---	0.0743	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0372	mg/kg dry	50	05/14/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0372	mg/kg dry	50	05/14/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0372	mg/kg dry	50	05/14/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.149	mg/kg dry	50	05/14/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0372	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0372	mg/kg dry	50	05/14/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0372	mg/kg dry	50	05/14/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0372	mg/kg dry	50	05/14/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0372	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0372	mg/kg dry	50	05/14/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0743	mg/kg dry	50	05/14/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0743	mg/kg dry	50	05/14/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0743	mg/kg dry	50	05/14/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0743	mg/kg dry	50	05/14/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-4(8-9) (A9E0401-11)				**Matrix: Soil**			**Batch: 9050878**	
trans-1,3-Dichloropropene	ND	---	0.0743	mg/kg dry	50	05/14/19	5035A/8260C	
Ethylbenzene	ND	---	0.0372	mg/kg dry	50	05/14/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.149	mg/kg dry	50	05/14/19	5035A/8260C	
2-Hexanone	ND	---	0.743	mg/kg dry	50	05/14/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0743	mg/kg dry	50	05/14/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0743	mg/kg dry	50	05/14/19	5035A/8260C	
Methylene chloride	ND	---	0.372	mg/kg dry	50	05/14/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.743	mg/kg dry	50	05/14/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0743	mg/kg dry	50	05/14/19	5035A/8260C	
Naphthalene	ND	---	0.149	mg/kg dry	50	05/14/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0372	mg/kg dry	50	05/14/19	5035A/8260C	
Styrene	ND	---	0.0743	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.149	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0743	mg/kg dry	50	05/14/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0372	mg/kg dry	50	05/14/19	5035A/8260C	
Toluene	ND	---	0.0743	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.372	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.372	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0372	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0372	mg/kg dry	50	05/14/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0372	mg/kg dry	50	05/14/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.149	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0743	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0743	mg/kg dry	50	05/14/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0743	mg/kg dry	50	05/14/19	5035A/8260C	
Vinyl chloride	ND	---	0.0372	mg/kg dry	50	05/14/19	5035A/8260C	
m,p-Xylene	ND	---	0.0743	mg/kg dry	50	05/14/19	5035A/8260C	
o-Xylene	ND	---	0.0372	mg/kg dry	50	05/14/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*101 %*	*Limits:* *80-120 %*	*1*	*05/14/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*99 %*	*80-120 %*	*1*	*05/14/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*105 %*	*80-120 %*	*1*	*05/14/19*	*5035A/8260C*	
DP-4(11.5-12.5) (A9E0401-12)				**Matrix: Soil**			**Batch: 9050878**	
Acetone	ND	---	1.46	mg/kg dry	50	05/14/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-4(11.5-12.5) (A9E0401-12)				**Matrix: Soil**			**Batch: 9050878**	
Acrylonitrile	ND	---	0.146	mg/kg dry	50	05/14/19	5035A/8260C	
Benzene	ND	---	0.0146	mg/kg dry	50	05/14/19	5035A/8260C	
Bromobenzene	ND	---	0.0366	mg/kg dry	50	05/14/19	5035A/8260C	
Bromochloromethane	ND	---	0.0732	mg/kg dry	50	05/14/19	5035A/8260C	
Bromodichloromethane	ND	---	0.146	mg/kg dry	50	05/14/19	5035A/8260C	
Bromoform	ND	---	0.293	mg/kg dry	50	05/14/19	5035A/8260C	
Bromomethane	ND	---	0.732	mg/kg dry	50	05/14/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.732	mg/kg dry	50	05/14/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0732	mg/kg dry	50	05/14/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0732	mg/kg dry	50	05/14/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0732	mg/kg dry	50	05/14/19	5035A/8260C	
Carbon disulfide	ND	---	0.732	mg/kg dry	50	05/14/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.146	mg/kg dry	50	05/14/19	5035A/8260C	
Chlorobenzene	ND	---	0.0366	mg/kg dry	50	05/14/19	5035A/8260C	
Chloroethane	ND	---	0.732	mg/kg dry	50	05/14/19	5035A/8260C	
Chloroform	ND	---	0.0732	mg/kg dry	50	05/14/19	5035A/8260C	
Chloromethane	ND	---	0.366	mg/kg dry	50	05/14/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0732	mg/kg dry	50	05/14/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0732	mg/kg dry	50	05/14/19	5035A/8260C	
Dibromochloromethane	ND	---	0.146	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.366	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0732	mg/kg dry	50	05/14/19	5035A/8260C	
Dibromomethane	ND	---	0.0732	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0366	mg/kg dry	50	05/14/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0366	mg/kg dry	50	05/14/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0366	mg/kg dry	50	05/14/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.146	mg/kg dry	50	05/14/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0366	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0366	mg/kg dry	50	05/14/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0366	mg/kg dry	50	05/14/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0366	mg/kg dry	50	05/14/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0366	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0366	mg/kg dry	50	05/14/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-4(11.5-12.5) (A9E0401-12)				**Matrix: Soil**			**Batch: 9050878**	
1,3-Dichloropropane	ND	---	0.0732	mg/kg dry	50	05/14/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0732	mg/kg dry	50	05/14/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0732	mg/kg dry	50	05/14/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0732	mg/kg dry	50	05/14/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0732	mg/kg dry	50	05/14/19	5035A/8260C	
Ethylbenzene	ND	---	0.0366	mg/kg dry	50	05/14/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.146	mg/kg dry	50	05/14/19	5035A/8260C	
2-Hexanone	ND	---	0.732	mg/kg dry	50	05/14/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0732	mg/kg dry	50	05/14/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0732	mg/kg dry	50	05/14/19	5035A/8260C	
Methylene chloride	ND	---	0.366	mg/kg dry	50	05/14/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.732	mg/kg dry	50	05/14/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0732	mg/kg dry	50	05/14/19	5035A/8260C	
Naphthalene	ND	---	0.146	mg/kg dry	50	05/14/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0366	mg/kg dry	50	05/14/19	5035A/8260C	
Styrene	ND	---	0.0732	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.146	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0732	mg/kg dry	50	05/14/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0366	mg/kg dry	50	05/14/19	5035A/8260C	
Toluene	ND	---	0.0732	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.366	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.366	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0366	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0366	mg/kg dry	50	05/14/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0366	mg/kg dry	50	05/14/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.146	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0732	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0732	mg/kg dry	50	05/14/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0732	mg/kg dry	50	05/14/19	5035A/8260C	
Vinyl chloride	ND	---	0.0366	mg/kg dry	50	05/14/19	5035A/8260C	
m,p-Xylene	ND	---	0.0732	mg/kg dry	50	05/14/19	5035A/8260C	
o-Xylene	ND	---	0.0366	mg/kg dry	50	05/14/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery: 101 %*		*Limits: 80-120 %*	*1*	*05/14/19*	*5035A/8260C*	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-4(11.5-12.5) (A9E0401-12)				**Matrix: Soil**			**Batch: 9050878**	
Surrogate: Toluene-d8 (Surr)			*Recovery: 98 %*	*Limits: 80-120 %*	*1*	*05/14/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*104 %*	*80-120 %*	*1*	*05/14/19*	*5035A/8260C*	
DP-5(1-2) (A9E0401-16)				**Matrix: Soil**			**Batch: 9050878**	
Acetone	ND	---	1.28	mg/kg dry	50	05/14/19	5035A/8260C	
Acrylonitrile	ND	---	0.128	mg/kg dry	50	05/14/19	5035A/8260C	
Benzene	ND	---	0.0128	mg/kg dry	50	05/14/19	5035A/8260C	
Bromobenzene	ND	---	0.0320	mg/kg dry	50	05/14/19	5035A/8260C	
Bromochloromethane	ND	---	0.0640	mg/kg dry	50	05/14/19	5035A/8260C	
Bromodichloromethane	ND	---	0.128	mg/kg dry	50	05/14/19	5035A/8260C	
Bromoform	ND	---	0.256	mg/kg dry	50	05/14/19	5035A/8260C	
Bromomethane	ND	---	0.640	mg/kg dry	50	05/14/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.640	mg/kg dry	50	05/14/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0640	mg/kg dry	50	05/14/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0640	mg/kg dry	50	05/14/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0640	mg/kg dry	50	05/14/19	5035A/8260C	
Carbon disulfide	ND	---	0.640	mg/kg dry	50	05/14/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.128	mg/kg dry	50	05/14/19	5035A/8260C	
Chlorobenzene	ND	---	0.0320	mg/kg dry	50	05/14/19	5035A/8260C	
Chloroethane	ND	---	0.640	mg/kg dry	50	05/14/19	5035A/8260C	
Chloroform	ND	---	0.0640	mg/kg dry	50	05/14/19	5035A/8260C	
Chloromethane	ND	---	0.320	mg/kg dry	50	05/14/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0640	mg/kg dry	50	05/14/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0640	mg/kg dry	50	05/14/19	5035A/8260C	
Dibromochloromethane	ND	---	0.128	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.320	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0640	mg/kg dry	50	05/14/19	5035A/8260C	
Dibromomethane	ND	---	0.0640	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0320	mg/kg dry	50	05/14/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0320	mg/kg dry	50	05/14/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0320	mg/kg dry	50	05/14/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.128	mg/kg dry	50	05/14/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0320	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0320	mg/kg dry	50	05/14/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-5(1-2) (A9E0401-16)				**Matrix: Soil**			**Batch: 9050878**	
1,1-Dichloroethene	ND	---	0.0320	mg/kg dry	50	05/14/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0320	mg/kg dry	50	05/14/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0320	mg/kg dry	50	05/14/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0320	mg/kg dry	50	05/14/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0640	mg/kg dry	50	05/14/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0640	mg/kg dry	50	05/14/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0640	mg/kg dry	50	05/14/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0640	mg/kg dry	50	05/14/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0640	mg/kg dry	50	05/14/19	5035A/8260C	
Ethylbenzene	ND	---	0.0320	mg/kg dry	50	05/14/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.128	mg/kg dry	50	05/14/19	5035A/8260C	
2-Hexanone	ND	---	0.640	mg/kg dry	50	05/14/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0640	mg/kg dry	50	05/14/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0640	mg/kg dry	50	05/14/19	5035A/8260C	
Methylene chloride	ND	---	0.320	mg/kg dry	50	05/14/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.640	mg/kg dry	50	05/14/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0640	mg/kg dry	50	05/14/19	5035A/8260C	
Naphthalene	ND	---	0.128	mg/kg dry	50	05/14/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0320	mg/kg dry	50	05/14/19	5035A/8260C	
Styrene	ND	---	0.0640	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.128	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0640	mg/kg dry	50	05/14/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0320	mg/kg dry	50	05/14/19	5035A/8260C	
Toluene	ND	---	0.0640	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.320	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.320	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0320	mg/kg dry	50	05/14/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0320	mg/kg dry	50	05/14/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0320	mg/kg dry	50	05/14/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.128	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0640	mg/kg dry	50	05/14/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0640	mg/kg dry	50	05/14/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0640	mg/kg dry	50	05/14/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-5(1-2) (A9E0401-16)				**Matrix: Soil**			**Batch: 9050878**	
Vinyl chloride	ND	---	0.0320	mg/kg dry	50	05/14/19	5035A/8260C	
m,p-Xylene	ND	---	0.0640	mg/kg dry	50	05/14/19	5035A/8260C	
o-Xylene	ND	---	0.0320	mg/kg dry	50	05/14/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*101 %*	*Limits: 80-120 %*	*1*	*05/14/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*99 %*	*80-120 %*	*1*	*05/14/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*104 %*	*80-120 %*	*1*	*05/14/19*	*5035A/8260C*	
DP-5(8.5-9.5) (A9E0401-17)				**Matrix: Soil**			**Batch: 9050878**	
Acetone	ND	---	1.43	mg/kg dry	50	05/15/19	5035A/8260C	
Acrylonitrile	ND	---	0.143	mg/kg dry	50	05/15/19	5035A/8260C	
Benzene	ND	---	0.0143	mg/kg dry	50	05/15/19	5035A/8260C	
Bromobenzene	ND	---	0.0356	mg/kg dry	50	05/15/19	5035A/8260C	
Bromochloromethane	ND	---	0.0713	mg/kg dry	50	05/15/19	5035A/8260C	
Bromodichloromethane	ND	---	0.143	mg/kg dry	50	05/15/19	5035A/8260C	
Bromoform	ND	---	0.285	mg/kg dry	50	05/15/19	5035A/8260C	
Bromomethane	ND	---	0.713	mg/kg dry	50	05/15/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.713	mg/kg dry	50	05/15/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0713	mg/kg dry	50	05/15/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0713	mg/kg dry	50	05/15/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0713	mg/kg dry	50	05/15/19	5035A/8260C	
Carbon disulfide	ND	---	0.713	mg/kg dry	50	05/15/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.143	mg/kg dry	50	05/15/19	5035A/8260C	
Chlorobenzene	ND	---	0.0356	mg/kg dry	50	05/15/19	5035A/8260C	
Chloroethane	ND	---	0.713	mg/kg dry	50	05/15/19	5035A/8260C	
Chloroform	ND	---	0.0713	mg/kg dry	50	05/15/19	5035A/8260C	
Chloromethane	ND	---	0.356	mg/kg dry	50	05/15/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0713	mg/kg dry	50	05/15/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0713	mg/kg dry	50	05/15/19	5035A/8260C	
Dibromochloromethane	ND	---	0.143	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.356	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0713	mg/kg dry	50	05/15/19	5035A/8260C	
Dibromomethane	ND	---	0.0713	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0356	mg/kg dry	50	05/15/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0356	mg/kg dry	50	05/15/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-5(8.5-9.5) (A9E0401-17)				**Matrix: Soil**			**Batch: 9050878**	
1,4-Dichlorobenzene	ND	---	0.0356	mg/kg dry	50	05/15/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.143	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0356	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0356	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0356	mg/kg dry	50	05/15/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0356	mg/kg dry	50	05/15/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0356	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0356	mg/kg dry	50	05/15/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0713	mg/kg dry	50	05/15/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0713	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0713	mg/kg dry	50	05/15/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0713	mg/kg dry	50	05/15/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0713	mg/kg dry	50	05/15/19	5035A/8260C	
Ethylbenzene	ND	---	0.0356	mg/kg dry	50	05/15/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.143	mg/kg dry	50	05/15/19	5035A/8260C	
2-Hexanone	ND	---	0.713	mg/kg dry	50	05/15/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0713	mg/kg dry	50	05/15/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0713	mg/kg dry	50	05/15/19	5035A/8260C	
Methylene chloride	ND	---	0.356	mg/kg dry	50	05/15/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.713	mg/kg dry	50	05/15/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0713	mg/kg dry	50	05/15/19	5035A/8260C	
Naphthalene	ND	---	0.143	mg/kg dry	50	05/15/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0356	mg/kg dry	50	05/15/19	5035A/8260C	
Styrene	ND	---	0.0713	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.143	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0713	mg/kg dry	50	05/15/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0356	mg/kg dry	50	05/15/19	5035A/8260C	
Toluene	ND	---	0.0713	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.356	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.356	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0356	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0356	mg/kg dry	50	05/15/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0356	mg/kg dry	50	05/15/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-5(8.5-9.5) (A9E0401-17)				**Matrix: Soil**			**Batch: 9050878**	
Trichlorofluoromethane	ND	---	0.143	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0713	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0713	mg/kg dry	50	05/15/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0713	mg/kg dry	50	05/15/19	5035A/8260C	
Vinyl chloride	ND	---	0.0356	mg/kg dry	50	05/15/19	5035A/8260C	
m,p-Xylene	ND	---	0.0713	mg/kg dry	50	05/15/19	5035A/8260C	
o-Xylene	ND	---	0.0356	mg/kg dry	50	05/15/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*105 %*	*Limits: 80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*94 %*	*80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*106 %*	*80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
DP-5(13-14) (A9E0401-18)				**Matrix: Soil**			**Batch: 9051023**	**V-16**
Acetone	ND	---	1.40	mg/kg dry	50	05/18/19	5035A/8260C	
Acrylonitrile	ND	---	0.140	mg/kg dry	50	05/18/19	5035A/8260C	
Benzene	ND	---	0.0140	mg/kg dry	50	05/18/19	5035A/8260C	
Bromobenzene	ND	---	0.0350	mg/kg dry	50	05/18/19	5035A/8260C	
Bromochloromethane	ND	---	0.0701	mg/kg dry	50	05/18/19	5035A/8260C	
Bromodichloromethane	ND	---	0.140	mg/kg dry	50	05/18/19	5035A/8260C	
Bromoform	ND	---	0.280	mg/kg dry	50	05/18/19	5035A/8260C	
Bromomethane	ND	---	0.701	mg/kg dry	50	05/18/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.701	mg/kg dry	50	05/18/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0701	mg/kg dry	50	05/18/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0701	mg/kg dry	50	05/18/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0701	mg/kg dry	50	05/18/19	5035A/8260C	
Carbon disulfide	ND	---	0.701	mg/kg dry	50	05/18/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.140	mg/kg dry	50	05/18/19	5035A/8260C	
Chlorobenzene	ND	---	0.0350	mg/kg dry	50	05/18/19	5035A/8260C	
Chloroethane	ND	---	0.701	mg/kg dry	50	05/18/19	5035A/8260C	
Chloroform	ND	---	0.0701	mg/kg dry	50	05/18/19	5035A/8260C	
Chloromethane	ND	---	0.350	mg/kg dry	50	05/18/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0701	mg/kg dry	50	05/18/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0701	mg/kg dry	50	05/18/19	5035A/8260C	
Dibromochloromethane	ND	---	0.140	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.350	mg/kg dry	50	05/18/19	5035A/8260C	

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GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-5(13-14) (A9E0401-18)				**Matrix: Soil**			**Batch: 9051023**	**V-16**
1,2-Dibromoethane (EDB)	ND	---	0.0701	mg/kg dry	50	05/18/19	5035A/8260C	
Dibromomethane	ND	---	0.0701	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0350	mg/kg dry	50	05/18/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0350	mg/kg dry	50	05/18/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0350	mg/kg dry	50	05/18/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.140	mg/kg dry	50	05/18/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0350	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0350	mg/kg dry	50	05/18/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0350	mg/kg dry	50	05/18/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0350	mg/kg dry	50	05/18/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0350	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0350	mg/kg dry	50	05/18/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0701	mg/kg dry	50	05/18/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0701	mg/kg dry	50	05/18/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0701	mg/kg dry	50	05/18/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0701	mg/kg dry	50	05/18/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0701	mg/kg dry	50	05/18/19	5035A/8260C	
Ethylbenzene	ND	---	0.0350	mg/kg dry	50	05/18/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.140	mg/kg dry	50	05/18/19	5035A/8260C	
2-Hexanone	ND	---	0.701	mg/kg dry	50	05/18/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0701	mg/kg dry	50	05/18/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0701	mg/kg dry	50	05/18/19	5035A/8260C	
Methylene chloride	ND	---	0.350	mg/kg dry	50	05/18/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.701	mg/kg dry	50	05/18/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0701	mg/kg dry	50	05/18/19	5035A/8260C	
Naphthalene	ND	---	0.140	mg/kg dry	50	05/18/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0350	mg/kg dry	50	05/18/19	5035A/8260C	
Styrene	ND	---	0.0701	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.140	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0701	mg/kg dry	50	05/18/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0350	mg/kg dry	50	05/18/19	5035A/8260C	
Toluene	ND	---	0.0701	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.350	mg/kg dry	50	05/18/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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Tigard, OR 97223
503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-5(13-14) (A9E0401-18)				**Matrix: Soil**			**Batch: 9051023**	**V-16**
1,2,4-Trichlorobenzene	ND	---	0.350	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0350	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0350	mg/kg dry	50	05/18/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0350	mg/kg dry	50	05/18/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.140	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0701	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0701	mg/kg dry	50	05/18/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0701	mg/kg dry	50	05/18/19	5035A/8260C	
Vinyl chloride	ND	---	0.0350	mg/kg dry	50	05/18/19	5035A/8260C	
m,p-Xylene	ND	---	0.0701	mg/kg dry	50	05/18/19	5035A/8260C	
o-Xylene	ND	---	0.0350	mg/kg dry	50	05/18/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*104 %*	*Limits: 80-120 %*	*1*	*05/18/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*95 %*	*80-120 %*	*1*	*05/18/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*103 %*	*80-120 %*	*1*	*05/18/19*	*5035A/8260C*	
DP-6(1-2) (A9E0401-19)				**Matrix: Soil**			**Batch: 9050878**	
Acetone	ND	---	1.32	mg/kg dry	50	05/15/19	5035A/8260C	
Acrylonitrile	ND	---	0.132	mg/kg dry	50	05/15/19	5035A/8260C	
Benzene	ND	---	0.0132	mg/kg dry	50	05/15/19	5035A/8260C	
Bromobenzene	ND	---	0.0329	mg/kg dry	50	05/15/19	5035A/8260C	
Bromochloromethane	ND	---	0.0658	mg/kg dry	50	05/15/19	5035A/8260C	
Bromodichloromethane	ND	---	0.132	mg/kg dry	50	05/15/19	5035A/8260C	
Bromoform	ND	---	0.263	mg/kg dry	50	05/15/19	5035A/8260C	
Bromomethane	ND	---	0.658	mg/kg dry	50	05/15/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.658	mg/kg dry	50	05/15/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0658	mg/kg dry	50	05/15/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0658	mg/kg dry	50	05/15/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0658	mg/kg dry	50	05/15/19	5035A/8260C	
Carbon disulfide	ND	---	0.658	mg/kg dry	50	05/15/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.132	mg/kg dry	50	05/15/19	5035A/8260C	
Chlorobenzene	ND	---	0.0329	mg/kg dry	50	05/15/19	5035A/8260C	
Chloroethane	ND	---	0.658	mg/kg dry	50	05/15/19	5035A/8260C	
Chloroform	ND	---	0.0658	mg/kg dry	50	05/15/19	5035A/8260C	
Chloromethane	ND	---	0.329	mg/kg dry	50	05/15/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-6(1-2) (A9E0401-19)				**Matrix: Soil**			**Batch: 9050878**	
2-Chlorotoluene	ND	---	0.0658	mg/kg dry	50	05/15/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0658	mg/kg dry	50	05/15/19	5035A/8260C	
Dibromochloromethane	ND	---	0.132	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.329	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0658	mg/kg dry	50	05/15/19	5035A/8260C	
Dibromomethane	ND	---	0.0658	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0329	mg/kg dry	50	05/15/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0329	mg/kg dry	50	05/15/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0329	mg/kg dry	50	05/15/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.132	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0329	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0329	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0329	mg/kg dry	50	05/15/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0329	mg/kg dry	50	05/15/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0329	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0329	mg/kg dry	50	05/15/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0658	mg/kg dry	50	05/15/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0658	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0658	mg/kg dry	50	05/15/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0658	mg/kg dry	50	05/15/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0658	mg/kg dry	50	05/15/19	5035A/8260C	
Ethylbenzene	ND	---	0.0329	mg/kg dry	50	05/15/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.132	mg/kg dry	50	05/15/19	5035A/8260C	
2-Hexanone	ND	---	0.658	mg/kg dry	50	05/15/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0658	mg/kg dry	50	05/15/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0658	mg/kg dry	50	05/15/19	5035A/8260C	
Methylene chloride	ND	---	0.329	mg/kg dry	50	05/15/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.658	mg/kg dry	50	05/15/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0658	mg/kg dry	50	05/15/19	5035A/8260C	
Naphthalene	ND	---	0.132	mg/kg dry	50	05/15/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0329	mg/kg dry	50	05/15/19	5035A/8260C	
Styrene	ND	---	0.0658	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.132	mg/kg dry	50	05/15/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-6(1-2) (A9E0401-19)				**Matrix: Soil**			**Batch: 9050878**	
1,1,2,2-Tetrachloroethane	ND	---	0.0658	mg/kg dry	50	05/15/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0329	mg/kg dry	50	05/15/19	5035A/8260C	
Toluene	ND	---	0.0658	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.329	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.329	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0329	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0329	mg/kg dry	50	05/15/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0329	mg/kg dry	50	05/15/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.132	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0658	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0658	mg/kg dry	50	05/15/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0658	mg/kg dry	50	05/15/19	5035A/8260C	
Vinyl chloride	ND	---	0.0329	mg/kg dry	50	05/15/19	5035A/8260C	
m,p-Xylene	ND	---	0.0658	mg/kg dry	50	05/15/19	5035A/8260C	
o-Xylene	ND	---	0.0329	mg/kg dry	50	05/15/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*104 %*	*Limits: 80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*95 %*	*80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*103 %*	*80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
DP-6(8-9) (A9E0401-20)				**Matrix: Soil**			**Batch: 9050878**	
Acetone	ND	---	1.49	mg/kg dry	50	05/15/19	5035A/8260C	
Acrylonitrile	ND	---	0.149	mg/kg dry	50	05/15/19	5035A/8260C	
Benzene	ND	---	0.0149	mg/kg dry	50	05/15/19	5035A/8260C	
Bromobenzene	ND	---	0.0373	mg/kg dry	50	05/15/19	5035A/8260C	
Bromochloromethane	ND	---	0.0745	mg/kg dry	50	05/15/19	5035A/8260C	
Bromodichloromethane	ND	---	0.149	mg/kg dry	50	05/15/19	5035A/8260C	
Bromoform	ND	---	0.298	mg/kg dry	50	05/15/19	5035A/8260C	
Bromomethane	ND	---	0.745	mg/kg dry	50	05/15/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.745	mg/kg dry	50	05/15/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0745	mg/kg dry	50	05/15/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0745	mg/kg dry	50	05/15/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0745	mg/kg dry	50	05/15/19	5035A/8260C	
Carbon disulfide	ND	---	0.745	mg/kg dry	50	05/15/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.149	mg/kg dry	50	05/15/19	5035A/8260C	

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-6(8-9) (A9E0401-20)				**Matrix: Soil**			**Batch: 9050878**	
Chlorobenzene	ND	---	0.0373	mg/kg dry	50	05/15/19	5035A/8260C	
Chloroethane	ND	---	0.745	mg/kg dry	50	05/15/19	5035A/8260C	
Chloroform	ND	---	0.0745	mg/kg dry	50	05/15/19	5035A/8260C	
Chloromethane	ND	---	0.373	mg/kg dry	50	05/15/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0745	mg/kg dry	50	05/15/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0745	mg/kg dry	50	05/15/19	5035A/8260C	
Dibromochloromethane	ND	---	0.149	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.373	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0745	mg/kg dry	50	05/15/19	5035A/8260C	
Dibromomethane	ND	---	0.0745	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0373	mg/kg dry	50	05/15/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0373	mg/kg dry	50	05/15/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0373	mg/kg dry	50	05/15/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.149	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0373	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0373	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0373	mg/kg dry	50	05/15/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0373	mg/kg dry	50	05/15/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0373	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0373	mg/kg dry	50	05/15/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0745	mg/kg dry	50	05/15/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0745	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0745	mg/kg dry	50	05/15/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0745	mg/kg dry	50	05/15/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0745	mg/kg dry	50	05/15/19	5035A/8260C	
Ethylbenzene	ND	---	0.0373	mg/kg dry	50	05/15/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.149	mg/kg dry	50	05/15/19	5035A/8260C	
2-Hexanone	ND	---	0.745	mg/kg dry	50	05/15/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0745	mg/kg dry	50	05/15/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0745	mg/kg dry	50	05/15/19	5035A/8260C	
Methylene chloride	ND	---	0.373	mg/kg dry	50	05/15/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.745	mg/kg dry	50	05/15/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0745	mg/kg dry	50	05/15/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-6(8-9) (A9E0401-20)				**Matrix: Soil**			**Batch: 9050878**	
Naphthalene	ND	---	0.149	mg/kg dry	50	05/15/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0373	mg/kg dry	50	05/15/19	5035A/8260C	
Styrene	ND	---	0.0745	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.149	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0745	mg/kg dry	50	05/15/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0373	mg/kg dry	50	05/15/19	5035A/8260C	
Toluene	ND	---	0.0745	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.373	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.373	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0373	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0373	mg/kg dry	50	05/15/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0373	mg/kg dry	50	05/15/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.149	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0745	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0745	mg/kg dry	50	05/15/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0745	mg/kg dry	50	05/15/19	5035A/8260C	
Vinyl chloride	ND	---	0.0373	mg/kg dry	50	05/15/19	5035A/8260C	
m,p-Xylene	ND	---	0.0745	mg/kg dry	50	05/15/19	5035A/8260C	
o-Xylene	ND	---	0.0373	mg/kg dry	50	05/15/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*104 %*	*Limits: 80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*96 %*	*80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*104 %*	*80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
DP-6(12.5-13.5) (A9E0401-21)				**Matrix: Soil**			**Batch: 9050878**	
Acetone	ND	---	1.64	mg/kg dry	50	05/15/19	5035A/8260C	
Acrylonitrile	ND	---	0.164	mg/kg dry	50	05/15/19	5035A/8260C	
Benzene	ND	---	0.0164	mg/kg dry	50	05/15/19	5035A/8260C	
Bromobenzene	ND	---	0.0411	mg/kg dry	50	05/15/19	5035A/8260C	
Bromochloromethane	ND	---	0.0822	mg/kg dry	50	05/15/19	5035A/8260C	
Bromodichloromethane	ND	---	0.164	mg/kg dry	50	05/15/19	5035A/8260C	
Bromoform	ND	---	0.329	mg/kg dry	50	05/15/19	5035A/8260C	
Bromomethane	ND	---	0.822	mg/kg dry	50	05/15/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.822	mg/kg dry	50	05/15/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0822	mg/kg dry	50	05/15/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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Tigard, OR 97223
503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-6(12.5-13.5) (A9E0401-21)				**Matrix: Soil**			**Batch: 9050878**	
sec-Butylbenzene	ND	---	0.0822	mg/kg dry	50	05/15/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0822	mg/kg dry	50	05/15/19	5035A/8260C	
Carbon disulfide	ND	---	0.822	mg/kg dry	50	05/15/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.164	mg/kg dry	50	05/15/19	5035A/8260C	
Chlorobenzene	ND	---	0.0411	mg/kg dry	50	05/15/19	5035A/8260C	
Chloroethane	ND	---	0.822	mg/kg dry	50	05/15/19	5035A/8260C	
Chloroform	ND	---	0.0822	mg/kg dry	50	05/15/19	5035A/8260C	
Chloromethane	ND	---	0.411	mg/kg dry	50	05/15/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0822	mg/kg dry	50	05/15/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0822	mg/kg dry	50	05/15/19	5035A/8260C	
Dibromochloromethane	ND	---	0.164	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.411	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0822	mg/kg dry	50	05/15/19	5035A/8260C	
Dibromomethane	ND	---	0.0822	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0411	mg/kg dry	50	05/15/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0411	mg/kg dry	50	05/15/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0411	mg/kg dry	50	05/15/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.164	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0411	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0411	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0411	mg/kg dry	50	05/15/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0411	mg/kg dry	50	05/15/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0411	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0411	mg/kg dry	50	05/15/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0822	mg/kg dry	50	05/15/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0822	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0822	mg/kg dry	50	05/15/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0822	mg/kg dry	50	05/15/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0822	mg/kg dry	50	05/15/19	5035A/8260C	
Ethylbenzene	ND	---	0.0411	mg/kg dry	50	05/15/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.164	mg/kg dry	50	05/15/19	5035A/8260C	
2-Hexanone	ND	---	0.822	mg/kg dry	50	05/15/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0822	mg/kg dry	50	05/15/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-6(12.5-13.5) (A9E0401-21)				**Matrix: Soil**			**Batch: 9050878**	
4-Isopropyltoluene	ND	---	0.0822	mg/kg dry	50	05/15/19	5035A/8260C	
Methylene chloride	ND	---	0.411	mg/kg dry	50	05/15/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.822	mg/kg dry	50	05/15/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0822	mg/kg dry	50	05/15/19	5035A/8260C	
Naphthalene	ND	---	0.164	mg/kg dry	50	05/15/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0411	mg/kg dry	50	05/15/19	5035A/8260C	
Styrene	ND	---	0.0822	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.164	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0822	mg/kg dry	50	05/15/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0411	mg/kg dry	50	05/15/19	5035A/8260C	
Toluene	ND	---	0.0822	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.411	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.411	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0411	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0411	mg/kg dry	50	05/15/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0411	mg/kg dry	50	05/15/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.164	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0822	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0822	mg/kg dry	50	05/15/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0822	mg/kg dry	50	05/15/19	5035A/8260C	
Vinyl chloride	ND	---	0.0411	mg/kg dry	50	05/15/19	5035A/8260C	
m,p-Xylene	ND	---	0.0822	mg/kg dry	50	05/15/19	5035A/8260C	
o-Xylene	ND	---	0.0411	mg/kg dry	50	05/15/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*100 %*	*Limits:* *80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*100 %*	*80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*103 %*	*80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
DP-7(1-2) (A9E0401-22)				**Matrix: Soil**			**Batch: 9050878**	
Acetone	ND	---	1.27	mg/kg dry	50	05/15/19	5035A/8260C	
Acrylonitrile	ND	---	0.127	mg/kg dry	50	05/15/19	5035A/8260C	
Benzene	ND	---	0.0127	mg/kg dry	50	05/15/19	5035A/8260C	
Bromobenzene	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
Bromochloromethane	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
Bromodichloromethane	ND	---	0.127	mg/kg dry	50	05/15/19	5035A/8260C	

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-7(1-2) (A9E0401-22)				**Matrix: Soil**			**Batch: 9050878**	
Bromoform	ND	---	0.254	mg/kg dry	50	05/15/19	5035A/8260C	
Bromomethane	ND	---	0.634	mg/kg dry	50	05/15/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.634	mg/kg dry	50	05/15/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
Carbon disulfide	ND	---	0.634	mg/kg dry	50	05/15/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.127	mg/kg dry	50	05/15/19	5035A/8260C	
Chlorobenzene	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
Chloroethane	ND	---	0.634	mg/kg dry	50	05/15/19	5035A/8260C	
Chloroform	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
Chloromethane	ND	---	0.317	mg/kg dry	50	05/15/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
Dibromochloromethane	ND	---	0.127	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.317	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
Dibromomethane	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.127	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-7(1-2) (A9E0401-22)				**Matrix: Soil**			**Batch: 9050878**	
Ethylbenzene	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.127	mg/kg dry	50	05/15/19	5035A/8260C	
2-Hexanone	ND	---	0.634	mg/kg dry	50	05/15/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
Methylene chloride	ND	---	0.317	mg/kg dry	50	05/15/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.634	mg/kg dry	50	05/15/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
Naphthalene	ND	---	0.127	mg/kg dry	50	05/15/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
Styrene	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.127	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
Toluene	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.317	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.317	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.127	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
Vinyl chloride	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
m,p-Xylene	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
o-Xylene	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*100 %*	*Limits: 80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*100 %*	*80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*103 %*	*80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
DP-7(6.5-7.5) (A9E0401-23)				**Matrix: Soil**			**Batch: 9050878**	
Acetone	ND	---	0.944	mg/kg dry	50	05/15/19	5035A/8260C	
Acrylonitrile	ND	---	0.0944	mg/kg dry	50	05/15/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-7(6.5-7.5) (A9E0401-23)				**Matrix: Soil**			**Batch: 9050878**	
Benzene	ND	---	0.00944	mg/kg dry	50	05/15/19	5035A/8260C	
Bromobenzene	ND	---	0.0236	mg/kg dry	50	05/15/19	5035A/8260C	
Bromochloromethane	ND	---	0.0472	mg/kg dry	50	05/15/19	5035A/8260C	
Bromodichloromethane	ND	---	0.0944	mg/kg dry	50	05/15/19	5035A/8260C	
Bromoform	ND	---	0.189	mg/kg dry	50	05/15/19	5035A/8260C	
Bromomethane	ND	---	0.472	mg/kg dry	50	05/15/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.472	mg/kg dry	50	05/15/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0472	mg/kg dry	50	05/15/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0472	mg/kg dry	50	05/15/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0472	mg/kg dry	50	05/15/19	5035A/8260C	
Carbon disulfide	ND	---	0.472	mg/kg dry	50	05/15/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.0944	mg/kg dry	50	05/15/19	5035A/8260C	
Chlorobenzene	ND	---	0.0236	mg/kg dry	50	05/15/19	5035A/8260C	
Chloroethane	ND	---	0.472	mg/kg dry	50	05/15/19	5035A/8260C	
Chloroform	ND	---	0.0472	mg/kg dry	50	05/15/19	5035A/8260C	
Chloromethane	ND	---	0.236	mg/kg dry	50	05/15/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0472	mg/kg dry	50	05/15/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0472	mg/kg dry	50	05/15/19	5035A/8260C	
Dibromochloromethane	ND	---	0.0944	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.236	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0472	mg/kg dry	50	05/15/19	5035A/8260C	
Dibromomethane	ND	---	0.0472	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0236	mg/kg dry	50	05/15/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0236	mg/kg dry	50	05/15/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0236	mg/kg dry	50	05/15/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.0944	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0236	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0236	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0236	mg/kg dry	50	05/15/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0236	mg/kg dry	50	05/15/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0236	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0236	mg/kg dry	50	05/15/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0472	mg/kg dry	50	05/15/19	5035A/8260C	

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Philip Nerenberg, Lab Director

Apex Laboratories, LLC

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503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-7(6.5-7.5) (A9E0401-23)				**Matrix: Soil**			**Batch: 9050878**	
2,2-Dichloropropane	ND	---	0.0472	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0472	mg/kg dry	50	05/15/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0472	mg/kg dry	50	05/15/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0472	mg/kg dry	50	05/15/19	5035A/8260C	
Ethylbenzene	ND	---	0.0236	mg/kg dry	50	05/15/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.0944	mg/kg dry	50	05/15/19	5035A/8260C	
2-Hexanone	ND	---	0.472	mg/kg dry	50	05/15/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0472	mg/kg dry	50	05/15/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0472	mg/kg dry	50	05/15/19	5035A/8260C	
Methylene chloride	ND	---	0.236	mg/kg dry	50	05/15/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.472	mg/kg dry	50	05/15/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0472	mg/kg dry	50	05/15/19	5035A/8260C	
Naphthalene	ND	---	0.0944	mg/kg dry	50	05/15/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0236	mg/kg dry	50	05/15/19	5035A/8260C	
Styrene	ND	---	0.0472	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.0944	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0472	mg/kg dry	50	05/15/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0236	mg/kg dry	50	05/15/19	5035A/8260C	
Toluene	ND	---	0.0472	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.236	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.236	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0236	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0236	mg/kg dry	50	05/15/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0236	mg/kg dry	50	05/15/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.0944	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0472	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0472	mg/kg dry	50	05/15/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0472	mg/kg dry	50	05/15/19	5035A/8260C	
Vinyl chloride	ND	---	0.0236	mg/kg dry	50	05/15/19	5035A/8260C	
m,p-Xylene	ND	---	0.0472	mg/kg dry	50	05/15/19	5035A/8260C	
o-Xylene	ND	---	0.0236	mg/kg dry	50	05/15/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*101 %*	*Limits: 80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*99 %*	*80-120 %*	*1*	*05/15/19*	*5035A/8260C*	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-7(6.5-7.5) (A9E0401-23)				**Matrix: Soil**			**Batch: 9050878**	
Surrogate: 4-Bromofluorobenzene (Surr)		*Recovery: 104 %*	*Limits: 80-120 %*		*1*	*05/15/19*	*5035A/8260C*	
DP-7(11.5-12.5) (A9E0401-24)				**Matrix: Soil**			**Batch: 9050878**	
Acetone	ND	---	1.27	mg/kg dry	50	05/15/19	5035A/8260C	
Acrylonitrile	ND	---	0.127	mg/kg dry	50	05/15/19	5035A/8260C	
Benzene	ND	---	0.0127	mg/kg dry	50	05/15/19	5035A/8260C	
Bromobenzene	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
Bromochloromethane	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
Bromodichloromethane	ND	---	0.127	mg/kg dry	50	05/15/19	5035A/8260C	
Bromoform	ND	---	0.254	mg/kg dry	50	05/15/19	5035A/8260C	
Bromomethane	ND	---	0.634	mg/kg dry	50	05/15/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.634	mg/kg dry	50	05/15/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
Carbon disulfide	ND	---	0.634	mg/kg dry	50	05/15/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.127	mg/kg dry	50	05/15/19	5035A/8260C	
Chlorobenzene	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
Chloroethane	ND	---	0.634	mg/kg dry	50	05/15/19	5035A/8260C	
Chloroform	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
Chloromethane	ND	---	0.317	mg/kg dry	50	05/15/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
Dibromochloromethane	ND	---	0.127	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.317	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
Dibromomethane	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.127	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-7(11.5-12.5) (A9E0401-24)				**Matrix: Soil**			**Batch: 9050878**	
cis-1,2-Dichloroethene	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
Ethylbenzene	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.127	mg/kg dry	50	05/15/19	5035A/8260C	
2-Hexanone	ND	---	0.634	mg/kg dry	50	05/15/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
Methylene chloride	ND	---	0.317	mg/kg dry	50	05/15/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.634	mg/kg dry	50	05/15/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
Naphthalene	ND	---	0.127	mg/kg dry	50	05/15/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
Styrene	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.127	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
Toluene	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.317	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.317	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.127	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
Vinyl chloride	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-7(11.5-12.5) (A9E0401-24)				**Matrix: Soil**			**Batch: 9050878**	
m,p-Xylene	ND	---	0.0634	mg/kg dry	50	05/15/19	5035A/8260C	
o-Xylene	ND	---	0.0317	mg/kg dry	50	05/15/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*101 %*	*Limits: 80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*100 %*	*80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*104 %*	*80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
DP-8(1.5-2.5) (A9E0401-25)				**Matrix: Soil**			**Batch: 9050878**	
Acetone	ND	---	1.53	mg/kg dry	50	05/15/19	5035A/8260C	
Acrylonitrile	ND	---	0.153	mg/kg dry	50	05/15/19	5035A/8260C	
Benzene	ND	---	0.0153	mg/kg dry	50	05/15/19	5035A/8260C	
Bromobenzene	ND	---	0.0382	mg/kg dry	50	05/15/19	5035A/8260C	
Bromochloromethane	ND	---	0.0765	mg/kg dry	50	05/15/19	5035A/8260C	
Bromodichloromethane	ND	---	0.153	mg/kg dry	50	05/15/19	5035A/8260C	
Bromoform	ND	---	0.306	mg/kg dry	50	05/15/19	5035A/8260C	
Bromomethane	ND	---	0.765	mg/kg dry	50	05/15/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.765	mg/kg dry	50	05/15/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0765	mg/kg dry	50	05/15/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0765	mg/kg dry	50	05/15/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0765	mg/kg dry	50	05/15/19	5035A/8260C	
Carbon disulfide	ND	---	0.765	mg/kg dry	50	05/15/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.153	mg/kg dry	50	05/15/19	5035A/8260C	
Chlorobenzene	ND	---	0.0382	mg/kg dry	50	05/15/19	5035A/8260C	
Chloroethane	ND	---	0.765	mg/kg dry	50	05/15/19	5035A/8260C	
Chloroform	ND	---	0.0765	mg/kg dry	50	05/15/19	5035A/8260C	
Chloromethane	ND	---	0.382	mg/kg dry	50	05/15/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0765	mg/kg dry	50	05/15/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0765	mg/kg dry	50	05/15/19	5035A/8260C	
Dibromochloromethane	ND	---	0.153	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.382	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0765	mg/kg dry	50	05/15/19	5035A/8260C	
Dibromomethane	ND	---	0.0765	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0382	mg/kg dry	50	05/15/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0382	mg/kg dry	50	05/15/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0382	mg/kg dry	50	05/15/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-8(1.5-2.5) (A9E0401-25)				**Matrix: Soil**			**Batch: 9050878**	
Dichlorodifluoromethane	ND	---	0.153	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0382	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0382	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0382	mg/kg dry	50	05/15/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0382	mg/kg dry	50	05/15/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0382	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0382	mg/kg dry	50	05/15/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0765	mg/kg dry	50	05/15/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0765	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0765	mg/kg dry	50	05/15/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0765	mg/kg dry	50	05/15/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0765	mg/kg dry	50	05/15/19	5035A/8260C	
Ethylbenzene	ND	---	0.0382	mg/kg dry	50	05/15/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.153	mg/kg dry	50	05/15/19	5035A/8260C	
2-Hexanone	ND	---	0.765	mg/kg dry	50	05/15/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0765	mg/kg dry	50	05/15/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0765	mg/kg dry	50	05/15/19	5035A/8260C	
Methylene chloride	ND	---	0.382	mg/kg dry	50	05/15/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.765	mg/kg dry	50	05/15/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0765	mg/kg dry	50	05/15/19	5035A/8260C	
Naphthalene	ND	---	0.153	mg/kg dry	50	05/15/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0382	mg/kg dry	50	05/15/19	5035A/8260C	
Styrene	ND	---	0.0765	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.153	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0765	mg/kg dry	50	05/15/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0382	mg/kg dry	50	05/15/19	5035A/8260C	
Toluene	ND	---	0.0765	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.382	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.382	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0382	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0382	mg/kg dry	50	05/15/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0382	mg/kg dry	50	05/15/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.153	mg/kg dry	50	05/15/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-8(1.5-2.5) (A9E0401-25)				**Matrix: Soil**			**Batch: 9050878**	
1,2,3-Trichloropropane	ND	---	0.0765	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0765	mg/kg dry	50	05/15/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0765	mg/kg dry	50	05/15/19	5035A/8260C	
Vinyl chloride	ND	---	0.0382	mg/kg dry	50	05/15/19	5035A/8260C	
m,p-Xylene	ND	---	0.0765	mg/kg dry	50	05/15/19	5035A/8260C	
o-Xylene	ND	---	0.0382	mg/kg dry	50	05/15/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*101 %*	*Limits: 80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*102 %*	*80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*101 %*	*80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
DP-8(8-9) (A9E0401-26)				**Matrix: Soil**			**Batch: 9050895**	
Acetone	ND	---	1.26	mg/kg dry	50	05/15/19	5035A/8260C	
Acrylonitrile	ND	---	0.126	mg/kg dry	50	05/15/19	5035A/8260C	
Benzene	ND	---	0.0126	mg/kg dry	50	05/15/19	5035A/8260C	
Bromobenzene	ND	---	0.0314	mg/kg dry	50	05/15/19	5035A/8260C	
Bromochloromethane	ND	---	0.0628	mg/kg dry	50	05/15/19	5035A/8260C	
Bromodichloromethane	ND	---	0.126	mg/kg dry	50	05/15/19	5035A/8260C	
Bromoform	ND	---	0.251	mg/kg dry	50	05/15/19	5035A/8260C	
Bromomethane	ND	---	0.628	mg/kg dry	50	05/15/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.628	mg/kg dry	50	05/15/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0628	mg/kg dry	50	05/15/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0628	mg/kg dry	50	05/15/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0628	mg/kg dry	50	05/15/19	5035A/8260C	
Carbon disulfide	ND	---	0.628	mg/kg dry	50	05/15/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.126	mg/kg dry	50	05/15/19	5035A/8260C	
Chlorobenzene	ND	---	0.0314	mg/kg dry	50	05/15/19	5035A/8260C	
Chloroethane	ND	---	0.628	mg/kg dry	50	05/15/19	5035A/8260C	
Chloroform	ND	---	0.0628	mg/kg dry	50	05/15/19	5035A/8260C	
Chloromethane	ND	---	0.314	mg/kg dry	50	05/15/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0628	mg/kg dry	50	05/15/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0628	mg/kg dry	50	05/15/19	5035A/8260C	
Dibromochloromethane	ND	---	0.126	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.314	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0628	mg/kg dry	50	05/15/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-8(8-9) (A9E0401-26)				**Matrix: Soil**			**Batch: 9050895**	
Dibromomethane	ND	---	0.0628	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0314	mg/kg dry	50	05/15/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0314	mg/kg dry	50	05/15/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0314	mg/kg dry	50	05/15/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.126	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0314	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0314	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0314	mg/kg dry	50	05/15/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0314	mg/kg dry	50	05/15/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0314	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0314	mg/kg dry	50	05/15/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0628	mg/kg dry	50	05/15/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0628	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0628	mg/kg dry	50	05/15/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0628	mg/kg dry	50	05/15/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0628	mg/kg dry	50	05/15/19	5035A/8260C	
Ethylbenzene	ND	---	0.0314	mg/kg dry	50	05/15/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.126	mg/kg dry	50	05/15/19	5035A/8260C	
2-Hexanone	ND	---	0.628	mg/kg dry	50	05/15/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0628	mg/kg dry	50	05/15/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0628	mg/kg dry	50	05/15/19	5035A/8260C	
Methylene chloride	ND	---	0.314	mg/kg dry	50	05/15/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.628	mg/kg dry	50	05/15/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0628	mg/kg dry	50	05/15/19	5035A/8260C	
Naphthalene	ND	---	0.126	mg/kg dry	50	05/15/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0314	mg/kg dry	50	05/15/19	5035A/8260C	
Styrene	ND	---	0.0628	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.126	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0628	mg/kg dry	50	05/15/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0314	mg/kg dry	50	05/15/19	5035A/8260C	
Toluene	ND	---	0.0628	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.314	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.314	mg/kg dry	50	05/15/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-8(8-9) (A9E0401-26)				**Matrix: Soil**			**Batch: 9050895**	
1,1,1-Trichloroethane	ND	---	0.0314	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0314	mg/kg dry	50	05/15/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0314	mg/kg dry	50	05/15/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.126	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0628	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0628	mg/kg dry	50	05/15/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0628	mg/kg dry	50	05/15/19	5035A/8260C	
Vinyl chloride	ND	---	0.0314	mg/kg dry	50	05/15/19	5035A/8260C	
m,p-Xylene	ND	---	0.0628	mg/kg dry	50	05/15/19	5035A/8260C	
o-Xylene	ND	---	0.0314	mg/kg dry	50	05/15/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*100 %*	*Limits: 80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*104 %*	*80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*101 %*	*80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
DP-8(11.5-12.5) (A9E0401-27)				**Matrix: Soil**			**Batch: 9050895**	
Acetone	ND	---	1.34	mg/kg dry	50	05/15/19	5035A/8260C	
Acrylonitrile	ND	---	0.134	mg/kg dry	50	05/15/19	5035A/8260C	
Benzene	ND	---	0.0134	mg/kg dry	50	05/15/19	5035A/8260C	
Bromobenzene	ND	---	0.0335	mg/kg dry	50	05/15/19	5035A/8260C	
Bromochloromethane	ND	---	0.0670	mg/kg dry	50	05/15/19	5035A/8260C	
Bromodichloromethane	ND	---	0.134	mg/kg dry	50	05/15/19	5035A/8260C	
Bromoform	ND	---	0.268	mg/kg dry	50	05/15/19	5035A/8260C	
Bromomethane	ND	---	0.670	mg/kg dry	50	05/15/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.670	mg/kg dry	50	05/15/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0670	mg/kg dry	50	05/15/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0670	mg/kg dry	50	05/15/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0670	mg/kg dry	50	05/15/19	5035A/8260C	
Carbon disulfide	ND	---	0.670	mg/kg dry	50	05/15/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.134	mg/kg dry	50	05/15/19	5035A/8260C	
Chlorobenzene	ND	---	0.0335	mg/kg dry	50	05/15/19	5035A/8260C	
Chloroethane	ND	---	0.670	mg/kg dry	50	05/15/19	5035A/8260C	
Chloroform	ND	---	0.0670	mg/kg dry	50	05/15/19	5035A/8260C	
Chloromethane	ND	---	0.335	mg/kg dry	50	05/15/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0670	mg/kg dry	50	05/15/19	5035A/8260C	

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-8(11.5-12.5) (A9E0401-27)				**Matrix: Soil**			**Batch: 9050895**	
4-Chlorotoluene	ND	---	0.0670	mg/kg dry	50	05/15/19	5035A/8260C	
Dibromochloromethane	ND	---	0.134	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.335	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0670	mg/kg dry	50	05/15/19	5035A/8260C	
Dibromomethane	ND	---	0.0670	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0335	mg/kg dry	50	05/15/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0335	mg/kg dry	50	05/15/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0335	mg/kg dry	50	05/15/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.134	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0335	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0335	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0335	mg/kg dry	50	05/15/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0335	mg/kg dry	50	05/15/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0335	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0335	mg/kg dry	50	05/15/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0670	mg/kg dry	50	05/15/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0670	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0670	mg/kg dry	50	05/15/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0670	mg/kg dry	50	05/15/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0670	mg/kg dry	50	05/15/19	5035A/8260C	
Ethylbenzene	ND	---	0.0335	mg/kg dry	50	05/15/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.134	mg/kg dry	50	05/15/19	5035A/8260C	
2-Hexanone	ND	---	0.670	mg/kg dry	50	05/15/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0670	mg/kg dry	50	05/15/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0670	mg/kg dry	50	05/15/19	5035A/8260C	
Methylene chloride	ND	---	0.335	mg/kg dry	50	05/15/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.670	mg/kg dry	50	05/15/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0670	mg/kg dry	50	05/15/19	5035A/8260C	
Naphthalene	ND	---	0.134	mg/kg dry	50	05/15/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0335	mg/kg dry	50	05/15/19	5035A/8260C	
Styrene	ND	---	0.0670	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.134	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0670	mg/kg dry	50	05/15/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-8(11.5-12.5) (A9E0401-27)				**Matrix: Soil**			**Batch: 9050895**	
Tetrachloroethene (PCE)	ND	---	0.0335	mg/kg dry	50	05/15/19	5035A/8260C	
Toluene	ND	---	0.0670	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.335	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.335	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0335	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0335	mg/kg dry	50	05/15/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0335	mg/kg dry	50	05/15/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.134	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0670	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0670	mg/kg dry	50	05/15/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0670	mg/kg dry	50	05/15/19	5035A/8260C	
Vinyl chloride	ND	---	0.0335	mg/kg dry	50	05/15/19	5035A/8260C	
m,p-Xylene	ND	---	0.0670	mg/kg dry	50	05/15/19	5035A/8260C	
o-Xylene	ND	---	0.0335	mg/kg dry	50	05/15/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*103 %*	*Limits: 80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*95 %*	*80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*105 %*	*80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
DP-9(1-2) (A9E0401-28)				**Matrix: Soil**			**Batch: 9050895**	
Acetone	ND	---	1.55	mg/kg dry	50	05/15/19	5035A/8260C	
Acrylonitrile	ND	---	0.155	mg/kg dry	50	05/15/19	5035A/8260C	
Benzene	ND	---	0.0155	mg/kg dry	50	05/15/19	5035A/8260C	
Bromobenzene	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
Bromochloromethane	ND	---	0.0773	mg/kg dry	50	05/15/19	5035A/8260C	
Bromodichloromethane	ND	---	0.155	mg/kg dry	50	05/15/19	5035A/8260C	
Bromoform	ND	---	0.309	mg/kg dry	50	05/15/19	5035A/8260C	
Bromomethane	ND	---	0.773	mg/kg dry	50	05/15/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.773	mg/kg dry	50	05/15/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0773	mg/kg dry	50	05/15/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0773	mg/kg dry	50	05/15/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0773	mg/kg dry	50	05/15/19	5035A/8260C	
Carbon disulfide	ND	---	0.773	mg/kg dry	50	05/15/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.155	mg/kg dry	50	05/15/19	5035A/8260C	
Chlorobenzene	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-9(1-2) (A9E0401-28)				**Matrix: Soil**			**Batch: 9050895**	
Chloroethane	ND	---	0.773	mg/kg dry	50	05/15/19	5035A/8260C	
Chloroform	ND	---	0.0773	mg/kg dry	50	05/15/19	5035A/8260C	
Chloromethane	ND	---	0.386	mg/kg dry	50	05/15/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0773	mg/kg dry	50	05/15/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0773	mg/kg dry	50	05/15/19	5035A/8260C	
Dibromochloromethane	ND	---	0.155	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.386	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0773	mg/kg dry	50	05/15/19	5035A/8260C	
Dibromomethane	ND	---	0.0773	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.155	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0773	mg/kg dry	50	05/15/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0773	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0773	mg/kg dry	50	05/15/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0773	mg/kg dry	50	05/15/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0773	mg/kg dry	50	05/15/19	5035A/8260C	
Ethylbenzene	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.155	mg/kg dry	50	05/15/19	5035A/8260C	
2-Hexanone	ND	---	0.773	mg/kg dry	50	05/15/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0773	mg/kg dry	50	05/15/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0773	mg/kg dry	50	05/15/19	5035A/8260C	
Methylene chloride	ND	---	0.386	mg/kg dry	50	05/15/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.773	mg/kg dry	50	05/15/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0773	mg/kg dry	50	05/15/19	5035A/8260C	
Naphthalene	ND	---	0.155	mg/kg dry	50	05/15/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-9(1-2) (A9E0401-28)				**Matrix: Soil**			**Batch: 9050895**	
n-Propylbenzene	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
Styrene	ND	---	0.0773	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.155	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0773	mg/kg dry	50	05/15/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
Toluene	ND	---	0.0773	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.386	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.386	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.155	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0773	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0773	mg/kg dry	50	05/15/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0773	mg/kg dry	50	05/15/19	5035A/8260C	
Vinyl chloride	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
m,p-Xylene	ND	---	0.0773	mg/kg dry	50	05/15/19	5035A/8260C	
o-Xylene	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*101 %*	*Limits: 80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*97 %*	*80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*104 %*	*80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
DP-9(8-9) (A9E0401-29)				**Matrix: Soil**			**Batch: 9050895**	
Acetone	ND	---	1.54	mg/kg dry	50	05/15/19	5035A/8260C	
Acrylonitrile	ND	---	0.154	mg/kg dry	50	05/15/19	5035A/8260C	
Benzene	ND	---	0.0154	mg/kg dry	50	05/15/19	5035A/8260C	
Bromobenzene	ND	---	0.0385	mg/kg dry	50	05/15/19	5035A/8260C	
Bromochloromethane	ND	---	0.0770	mg/kg dry	50	05/15/19	5035A/8260C	
Bromodichloromethane	ND	---	0.154	mg/kg dry	50	05/15/19	5035A/8260C	
Bromoform	ND	---	0.308	mg/kg dry	50	05/15/19	5035A/8260C	
Bromomethane	ND	---	0.770	mg/kg dry	50	05/15/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.770	mg/kg dry	50	05/15/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0770	mg/kg dry	50	05/15/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0770	mg/kg dry	50	05/15/19	5035A/8260C	

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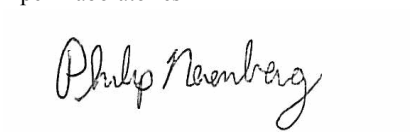

Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-9(8-9) (A9E0401-29)				**Matrix: Soil**			**Batch: 9050895**	
tert-Butylbenzene	ND	---	0.0770	mg/kg dry	50	05/15/19	5035A/8260C	
Carbon disulfide	ND	---	0.770	mg/kg dry	50	05/15/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.154	mg/kg dry	50	05/15/19	5035A/8260C	
Chlorobenzene	ND	---	0.0385	mg/kg dry	50	05/15/19	5035A/8260C	
Chloroethane	ND	---	0.770	mg/kg dry	50	05/15/19	5035A/8260C	
Chloroform	ND	---	0.0770	mg/kg dry	50	05/15/19	5035A/8260C	
Chloromethane	ND	---	0.385	mg/kg dry	50	05/15/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0770	mg/kg dry	50	05/15/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0770	mg/kg dry	50	05/15/19	5035A/8260C	
Dibromochloromethane	ND	---	0.154	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.385	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0770	mg/kg dry	50	05/15/19	5035A/8260C	
Dibromomethane	ND	---	0.0770	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0385	mg/kg dry	50	05/15/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0385	mg/kg dry	50	05/15/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0385	mg/kg dry	50	05/15/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.154	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0385	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0385	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0385	mg/kg dry	50	05/15/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0385	mg/kg dry	50	05/15/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0385	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0385	mg/kg dry	50	05/15/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0770	mg/kg dry	50	05/15/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0770	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0770	mg/kg dry	50	05/15/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0770	mg/kg dry	50	05/15/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0770	mg/kg dry	50	05/15/19	5035A/8260C	
Ethylbenzene	ND	---	0.0385	mg/kg dry	50	05/15/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.154	mg/kg dry	50	05/15/19	5035A/8260C	
2-Hexanone	ND	---	0.770	mg/kg dry	50	05/15/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0770	mg/kg dry	50	05/15/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0770	mg/kg dry	50	05/15/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-9(8-9) (A9E0401-29)				**Matrix: Soil**			**Batch: 9050895**	
Methylene chloride	ND	---	0.385	mg/kg dry	50	05/15/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.770	mg/kg dry	50	05/15/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0770	mg/kg dry	50	05/15/19	5035A/8260C	
Naphthalene	ND	---	0.154	mg/kg dry	50	05/15/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0385	mg/kg dry	50	05/15/19	5035A/8260C	
Styrene	ND	---	0.0770	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.154	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0770	mg/kg dry	50	05/15/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0385	mg/kg dry	50	05/15/19	5035A/8260C	
Toluene	ND	---	0.0770	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.385	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.385	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0385	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0385	mg/kg dry	50	05/15/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0385	mg/kg dry	50	05/15/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.154	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0770	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0770	mg/kg dry	50	05/15/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0770	mg/kg dry	50	05/15/19	5035A/8260C	
Vinyl chloride	ND	---	0.0385	mg/kg dry	50	05/15/19	5035A/8260C	
m,p-Xylene	ND	---	0.0770	mg/kg dry	50	05/15/19	5035A/8260C	
o-Xylene	ND	---	0.0385	mg/kg dry	50	05/15/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*99 %*	*Limits: 80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*98 %*	*80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*105 %*	*80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
DP-10(2-3) (A9E0401-31)				**Matrix: Soil**			**Batch: 9050895**	
Acetone	ND	---	1.32	mg/kg dry	50	05/15/19	5035A/8260C	
Acrylonitrile	ND	---	0.132	mg/kg dry	50	05/15/19	5035A/8260C	
Benzene	ND	---	0.0132	mg/kg dry	50	05/15/19	5035A/8260C	
Bromobenzene	ND	---	0.0330	mg/kg dry	50	05/15/19	5035A/8260C	
Bromochloromethane	ND	---	0.0659	mg/kg dry	50	05/15/19	5035A/8260C	
Bromodichloromethane	ND	---	0.132	mg/kg dry	50	05/15/19	5035A/8260C	
Bromoform	ND	---	0.264	mg/kg dry	50	05/15/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-10(2-3) (A9E0401-31)				**Matrix: Soil**			**Batch: 9050895**	
Bromomethane	ND	---	0.659	mg/kg dry	50	05/15/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.659	mg/kg dry	50	05/15/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0659	mg/kg dry	50	05/15/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0659	mg/kg dry	50	05/15/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0659	mg/kg dry	50	05/15/19	5035A/8260C	
Carbon disulfide	ND	---	0.659	mg/kg dry	50	05/15/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.132	mg/kg dry	50	05/15/19	5035A/8260C	
Chlorobenzene	ND	---	0.0330	mg/kg dry	50	05/15/19	5035A/8260C	
Chloroethane	ND	---	0.659	mg/kg dry	50	05/15/19	5035A/8260C	
Chloroform	ND	---	0.0659	mg/kg dry	50	05/15/19	5035A/8260C	
Chloromethane	ND	---	0.330	mg/kg dry	50	05/15/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0659	mg/kg dry	50	05/15/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0659	mg/kg dry	50	05/15/19	5035A/8260C	
Dibromochloromethane	ND	---	0.132	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.330	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0659	mg/kg dry	50	05/15/19	5035A/8260C	
Dibromomethane	ND	---	0.0659	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0330	mg/kg dry	50	05/15/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0330	mg/kg dry	50	05/15/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0330	mg/kg dry	50	05/15/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.132	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0330	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0330	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0330	mg/kg dry	50	05/15/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0330	mg/kg dry	50	05/15/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0330	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0330	mg/kg dry	50	05/15/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0659	mg/kg dry	50	05/15/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0659	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0659	mg/kg dry	50	05/15/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0659	mg/kg dry	50	05/15/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0659	mg/kg dry	50	05/15/19	5035A/8260C	
Ethylbenzene	ND	---	0.0330	mg/kg dry	50	05/15/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-10(2-3) (A9E0401-31)				**Matrix: Soil**			**Batch: 9050895**	
Hexachlorobutadiene	ND	---	0.132	mg/kg dry	50	05/15/19	5035A/8260C	
2-Hexanone	ND	---	0.659	mg/kg dry	50	05/15/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0659	mg/kg dry	50	05/15/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0659	mg/kg dry	50	05/15/19	5035A/8260C	
Methylene chloride	ND	---	0.330	mg/kg dry	50	05/15/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.659	mg/kg dry	50	05/15/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0659	mg/kg dry	50	05/15/19	5035A/8260C	
Naphthalene	ND	---	0.132	mg/kg dry	50	05/15/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0330	mg/kg dry	50	05/15/19	5035A/8260C	
Styrene	ND	---	0.0659	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.132	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0659	mg/kg dry	50	05/15/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0330	mg/kg dry	50	05/15/19	5035A/8260C	
Toluene	ND	---	0.0659	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.330	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.330	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0330	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0330	mg/kg dry	50	05/15/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0330	mg/kg dry	50	05/15/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.132	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0659	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0659	mg/kg dry	50	05/15/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0659	mg/kg dry	50	05/15/19	5035A/8260C	
Vinyl chloride	ND	---	0.0330	mg/kg dry	50	05/15/19	5035A/8260C	
m,p-Xylene	ND	---	0.0659	mg/kg dry	50	05/15/19	5035A/8260C	
o-Xylene	ND	---	0.0330	mg/kg dry	50	05/15/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*100 %*	*Limits:* *80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*104 %*	*80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*102 %*	*80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
DP-10(13-14) (A9E0401-33)				**Matrix: Soil**			**Batch: 9050895**	
Acetone	ND	---	1.54	mg/kg dry	50	05/15/19	5035A/8260C	
Acrylonitrile	ND	---	0.154	mg/kg dry	50	05/15/19	5035A/8260C	
Benzene	ND	---	0.0154	mg/kg dry	50	05/15/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-10(13-14) (A9E0401-33)				**Matrix: Soil**			**Batch: 9050895**	
Bromobenzene	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
Bromochloromethane	ND	---	0.0772	mg/kg dry	50	05/15/19	5035A/8260C	
Bromodichloromethane	ND	---	0.154	mg/kg dry	50	05/15/19	5035A/8260C	
Bromoform	ND	---	0.309	mg/kg dry	50	05/15/19	5035A/8260C	
Bromomethane	ND	---	0.772	mg/kg dry	50	05/15/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.772	mg/kg dry	50	05/15/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0772	mg/kg dry	50	05/15/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0772	mg/kg dry	50	05/15/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0772	mg/kg dry	50	05/15/19	5035A/8260C	
Carbon disulfide	ND	---	0.772	mg/kg dry	50	05/15/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.154	mg/kg dry	50	05/15/19	5035A/8260C	
Chlorobenzene	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
Chloroethane	ND	---	0.772	mg/kg dry	50	05/15/19	5035A/8260C	
Chloroform	ND	---	0.0772	mg/kg dry	50	05/15/19	5035A/8260C	
Chloromethane	ND	---	0.386	mg/kg dry	50	05/15/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0772	mg/kg dry	50	05/15/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0772	mg/kg dry	50	05/15/19	5035A/8260C	
Dibromochloromethane	ND	---	0.154	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.386	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0772	mg/kg dry	50	05/15/19	5035A/8260C	
Dibromomethane	ND	---	0.0772	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.154	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0772	mg/kg dry	50	05/15/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0772	mg/kg dry	50	05/15/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-10(13-14) (A9E0401-33)				**Matrix: Soil**			**Batch: 9050895**	
1,1-Dichloropropene	ND	---	0.0772	mg/kg dry	50	05/15/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0772	mg/kg dry	50	05/15/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0772	mg/kg dry	50	05/15/19	5035A/8260C	
Ethylbenzene	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.154	mg/kg dry	50	05/15/19	5035A/8260C	
2-Hexanone	ND	---	0.772	mg/kg dry	50	05/15/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0772	mg/kg dry	50	05/15/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0772	mg/kg dry	50	05/15/19	5035A/8260C	
Methylene chloride	ND	---	0.386	mg/kg dry	50	05/15/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.772	mg/kg dry	50	05/15/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0772	mg/kg dry	50	05/15/19	5035A/8260C	
Naphthalene	ND	---	0.154	mg/kg dry	50	05/15/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
Styrene	ND	---	0.0772	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.154	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0772	mg/kg dry	50	05/15/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
Toluene	ND	---	0.0772	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.386	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.386	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.154	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0772	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0772	mg/kg dry	50	05/15/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0772	mg/kg dry	50	05/15/19	5035A/8260C	
Vinyl chloride	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
m,p-Xylene	ND	---	0.0772	mg/kg dry	50	05/15/19	5035A/8260C	
o-Xylene	ND	---	0.0386	mg/kg dry	50	05/15/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*101 %*	*Limits: 80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*97 %*	*80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*106 %*	*80-120 %*	*1*	*05/15/19*	*5035A/8260C*	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-11(3-4) (A9E0401-34)				**Matrix: Soil**			**Batch: 9050895**	
Acetone	ND	---	1.45	mg/kg dry	50	05/15/19	5035A/8260C	
Acrylonitrile	ND	---	0.145	mg/kg dry	50	05/15/19	5035A/8260C	
Benzene	ND	---	0.0145	mg/kg dry	50	05/15/19	5035A/8260C	
Bromobenzene	ND	---	0.0362	mg/kg dry	50	05/15/19	5035A/8260C	
Bromochloromethane	ND	---	0.0723	mg/kg dry	50	05/15/19	5035A/8260C	
Bromodichloromethane	ND	---	0.145	mg/kg dry	50	05/15/19	5035A/8260C	
Bromoform	ND	---	0.289	mg/kg dry	50	05/15/19	5035A/8260C	
Bromomethane	ND	---	0.723	mg/kg dry	50	05/15/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.723	mg/kg dry	50	05/15/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0723	mg/kg dry	50	05/15/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0723	mg/kg dry	50	05/15/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0723	mg/kg dry	50	05/15/19	5035A/8260C	
Carbon disulfide	ND	---	0.723	mg/kg dry	50	05/15/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.145	mg/kg dry	50	05/15/19	5035A/8260C	
Chlorobenzene	ND	---	0.0362	mg/kg dry	50	05/15/19	5035A/8260C	
Chloroethane	ND	---	0.723	mg/kg dry	50	05/15/19	5035A/8260C	
Chloroform	ND	---	0.0723	mg/kg dry	50	05/15/19	5035A/8260C	
Chloromethane	ND	---	0.362	mg/kg dry	50	05/15/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0723	mg/kg dry	50	05/15/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0723	mg/kg dry	50	05/15/19	5035A/8260C	
Dibromochloromethane	ND	---	0.145	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.362	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0723	mg/kg dry	50	05/15/19	5035A/8260C	
Dibromomethane	ND	---	0.0723	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0362	mg/kg dry	50	05/15/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0362	mg/kg dry	50	05/15/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0362	mg/kg dry	50	05/15/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.145	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0362	mg/kg dry	50	05/15/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0362	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0362	mg/kg dry	50	05/15/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0362	mg/kg dry	50	05/15/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0362	mg/kg dry	50	05/15/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-11(3-4) (A9E0401-34)				**Matrix: Soil**			**Batch: 9050895**	
1,2-Dichloropropane	ND	---	0.0362	mg/kg dry	50	05/15/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0723	mg/kg dry	50	05/15/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0723	mg/kg dry	50	05/15/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0723	mg/kg dry	50	05/15/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0723	mg/kg dry	50	05/15/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0723	mg/kg dry	50	05/15/19	5035A/8260C	
Ethylbenzene	ND	---	0.0362	mg/kg dry	50	05/15/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.145	mg/kg dry	50	05/15/19	5035A/8260C	
2-Hexanone	ND	---	0.723	mg/kg dry	50	05/15/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0723	mg/kg dry	50	05/15/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0723	mg/kg dry	50	05/15/19	5035A/8260C	
Methylene chloride	ND	---	0.362	mg/kg dry	50	05/15/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.723	mg/kg dry	50	05/15/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0723	mg/kg dry	50	05/15/19	5035A/8260C	
Naphthalene	ND	---	0.145	mg/kg dry	50	05/15/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0362	mg/kg dry	50	05/15/19	5035A/8260C	
Styrene	ND	---	0.0723	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.145	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0723	mg/kg dry	50	05/15/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0362	mg/kg dry	50	05/15/19	5035A/8260C	
Toluene	ND	---	0.0723	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.362	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.362	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0362	mg/kg dry	50	05/15/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0362	mg/kg dry	50	05/15/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0362	mg/kg dry	50	05/15/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.145	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0723	mg/kg dry	50	05/15/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0723	mg/kg dry	50	05/15/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0723	mg/kg dry	50	05/15/19	5035A/8260C	
Vinyl chloride	ND	---	0.0362	mg/kg dry	50	05/15/19	5035A/8260C	
m,p-Xylene	ND	---	0.0723	mg/kg dry	50	05/15/19	5035A/8260C	
o-Xylene	ND	---	0.0362	mg/kg dry	50	05/15/19	5035A/8260C	

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Philip Nerenberg, Lab Director

Apex Laboratories, LLC

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503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-11(3-4) (A9E0401-34)				**Matrix: Soil**			**Batch: 9050895**	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*104 %*	*Limits: 80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*95 %*	*80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*104 %*	*80-120 %*	*1*	*05/15/19*	*5035A/8260C*	
DP-11(10-11) (A9E0401-36)				**Matrix: Soil**			**Batch: 9051023**	
Acetone	ND	---	1.16	mg/kg dry	50	05/18/19	5035A/8260C	
Acrylonitrile	ND	---	0.116	mg/kg dry	50	05/18/19	5035A/8260C	
Benzene	ND	---	0.0116	mg/kg dry	50	05/18/19	5035A/8260C	
Bromobenzene	ND	---	0.0289	mg/kg dry	50	05/18/19	5035A/8260C	
Bromochloromethane	ND	---	0.0578	mg/kg dry	50	05/18/19	5035A/8260C	
Bromodichloromethane	ND	---	0.116	mg/kg dry	50	05/18/19	5035A/8260C	
Bromoform	ND	---	0.231	mg/kg dry	50	05/18/19	5035A/8260C	
Bromomethane	ND	---	0.578	mg/kg dry	50	05/18/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.578	mg/kg dry	50	05/18/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0578	mg/kg dry	50	05/18/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0578	mg/kg dry	50	05/18/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0578	mg/kg dry	50	05/18/19	5035A/8260C	
Carbon disulfide	ND	---	0.578	mg/kg dry	50	05/18/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.116	mg/kg dry	50	05/18/19	5035A/8260C	
Chlorobenzene	ND	---	0.0289	mg/kg dry	50	05/18/19	5035A/8260C	
Chloroethane	ND	---	0.578	mg/kg dry	50	05/18/19	5035A/8260C	
Chloroform	ND	---	0.0578	mg/kg dry	50	05/18/19	5035A/8260C	
Chloromethane	ND	---	0.289	mg/kg dry	50	05/18/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0578	mg/kg dry	50	05/18/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0578	mg/kg dry	50	05/18/19	5035A/8260C	
Dibromochloromethane	ND	---	0.116	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.289	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0578	mg/kg dry	50	05/18/19	5035A/8260C	
Dibromomethane	ND	---	0.0578	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0289	mg/kg dry	50	05/18/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0289	mg/kg dry	50	05/18/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0289	mg/kg dry	50	05/18/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.116	mg/kg dry	50	05/18/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0289	mg/kg dry	50	05/18/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-11(10-11) (A9E0401-36)				**Matrix: Soil**			**Batch: 9051023**	
1,2-Dichloroethane (EDC)	ND	---	0.0289	mg/kg dry	50	05/18/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0289	mg/kg dry	50	05/18/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0289	mg/kg dry	50	05/18/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0289	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0289	mg/kg dry	50	05/18/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0578	mg/kg dry	50	05/18/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0578	mg/kg dry	50	05/18/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0578	mg/kg dry	50	05/18/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0578	mg/kg dry	50	05/18/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0578	mg/kg dry	50	05/18/19	5035A/8260C	
Ethylbenzene	ND	---	0.0289	mg/kg dry	50	05/18/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.116	mg/kg dry	50	05/18/19	5035A/8260C	
2-Hexanone	ND	---	0.578	mg/kg dry	50	05/18/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0578	mg/kg dry	50	05/18/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0578	mg/kg dry	50	05/18/19	5035A/8260C	
Methylene chloride	ND	---	0.289	mg/kg dry	50	05/18/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.578	mg/kg dry	50	05/18/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0578	mg/kg dry	50	05/18/19	5035A/8260C	
Naphthalene	ND	---	0.116	mg/kg dry	50	05/18/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0289	mg/kg dry	50	05/18/19	5035A/8260C	
Styrene	ND	---	0.0578	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.116	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0578	mg/kg dry	50	05/18/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0289	mg/kg dry	50	05/18/19	5035A/8260C	
Toluene	ND	---	0.0578	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.289	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.289	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0289	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0289	mg/kg dry	50	05/18/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0289	mg/kg dry	50	05/18/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.116	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0578	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0578	mg/kg dry	50	05/18/19	5035A/8260C	

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-11(10-11) (A9E0401-36)				**Matrix: Soil**			**Batch: 9051023**	
1,3,5-Trimethylbenzene	ND	---	0.0578	mg/kg dry	50	05/18/19	5035A/8260C	
Vinyl chloride	ND	---	0.0289	mg/kg dry	50	05/18/19	5035A/8260C	
m,p-Xylene	ND	---	0.0578	mg/kg dry	50	05/18/19	5035A/8260C	
o-Xylene	ND	---	0.0289	mg/kg dry	50	05/18/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*106 %*	*Limits: 80-120 %*	*1*	*05/18/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*93 %*	*80-120 %*	*1*	*05/18/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*106 %*	*80-120 %*	*1*	*05/18/19*	*5035A/8260C*	
DP-11(18-19) (A9E0401-37)				**Matrix: Soil**			**Batch: 9051023**	
Acetone	ND	---	1.54	mg/kg dry	50	05/18/19	5035A/8260C	
Acrylonitrile	ND	---	0.154	mg/kg dry	50	05/18/19	5035A/8260C	
Benzene	ND	---	0.0154	mg/kg dry	50	05/18/19	5035A/8260C	
Bromobenzene	ND	---	0.0385	mg/kg dry	50	05/18/19	5035A/8260C	
Bromochloromethane	ND	---	0.0771	mg/kg dry	50	05/18/19	5035A/8260C	
Bromodichloromethane	ND	---	0.154	mg/kg dry	50	05/18/19	5035A/8260C	
Bromoform	ND	---	0.308	mg/kg dry	50	05/18/19	5035A/8260C	
Bromomethane	ND	---	0.771	mg/kg dry	50	05/18/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.771	mg/kg dry	50	05/18/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0771	mg/kg dry	50	05/18/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0771	mg/kg dry	50	05/18/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0771	mg/kg dry	50	05/18/19	5035A/8260C	
Carbon disulfide	ND	---	0.771	mg/kg dry	50	05/18/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.154	mg/kg dry	50	05/18/19	5035A/8260C	
Chlorobenzene	ND	---	0.0385	mg/kg dry	50	05/18/19	5035A/8260C	
Chloroethane	ND	---	0.771	mg/kg dry	50	05/18/19	5035A/8260C	
Chloroform	ND	---	0.0771	mg/kg dry	50	05/18/19	5035A/8260C	
Chloromethane	ND	---	0.385	mg/kg dry	50	05/18/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0771	mg/kg dry	50	05/18/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0771	mg/kg dry	50	05/18/19	5035A/8260C	
Dibromochloromethane	ND	---	0.154	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.385	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0771	mg/kg dry	50	05/18/19	5035A/8260C	
Dibromomethane	ND	---	0.0771	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0385	mg/kg dry	50	05/18/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-11(18-19) (A9E0401-37)				**Matrix: Soil**			**Batch: 9051023**	
1,3-Dichlorobenzene	ND	---	0.0385	mg/kg dry	50	05/18/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0385	mg/kg dry	50	05/18/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.154	mg/kg dry	50	05/18/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0385	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0385	mg/kg dry	50	05/18/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0385	mg/kg dry	50	05/18/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0385	mg/kg dry	50	05/18/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0385	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0385	mg/kg dry	50	05/18/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0771	mg/kg dry	50	05/18/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0771	mg/kg dry	50	05/18/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0771	mg/kg dry	50	05/18/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0771	mg/kg dry	50	05/18/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0771	mg/kg dry	50	05/18/19	5035A/8260C	
Ethylbenzene	ND	---	0.0385	mg/kg dry	50	05/18/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.154	mg/kg dry	50	05/18/19	5035A/8260C	
2-Hexanone	ND	---	0.771	mg/kg dry	50	05/18/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0771	mg/kg dry	50	05/18/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0771	mg/kg dry	50	05/18/19	5035A/8260C	
Methylene chloride	ND	---	0.385	mg/kg dry	50	05/18/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.771	mg/kg dry	50	05/18/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0771	mg/kg dry	50	05/18/19	5035A/8260C	
Naphthalene	ND	---	0.154	mg/kg dry	50	05/18/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0385	mg/kg dry	50	05/18/19	5035A/8260C	
Styrene	ND	---	0.0771	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.154	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0771	mg/kg dry	50	05/18/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0385	mg/kg dry	50	05/18/19	5035A/8260C	
Toluene	ND	---	0.0771	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.385	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.385	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0385	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0385	mg/kg dry	50	05/18/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-11(18-19) (A9E0401-37)				**Matrix: Soil**			**Batch: 9051023**	
Trichloroethene (TCE)	ND	---	0.0385	mg/kg dry	50	05/18/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.154	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0771	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0771	mg/kg dry	50	05/18/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0771	mg/kg dry	50	05/18/19	5035A/8260C	
Vinyl chloride	ND	---	0.0385	mg/kg dry	50	05/18/19	5035A/8260C	
m,p-Xylene	ND	---	0.0771	mg/kg dry	50	05/18/19	5035A/8260C	
o-Xylene	ND	---	0.0385	mg/kg dry	50	05/18/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*104 %*	*Limits: 80-120 %*	*1*	*05/18/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*96 %*	*80-120 %*	*1*	*05/18/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*102 %*	*80-120 %*	*1*	*05/18/19*	*5035A/8260C*	
DP-12(1-12) (A9E0401-38)				**Matrix: Soil**			**Batch: 9051023**	
Acetone	ND	---	1.69	mg/kg dry	50	05/18/19	5035A/8260C	
Acrylonitrile	ND	---	0.169	mg/kg dry	50	05/18/19	5035A/8260C	
Benzene	ND	---	0.0169	mg/kg dry	50	05/18/19	5035A/8260C	
Bromobenzene	ND	---	0.0421	mg/kg dry	50	05/18/19	5035A/8260C	
Bromochloromethane	ND	---	0.0843	mg/kg dry	50	05/18/19	5035A/8260C	
Bromodichloromethane	ND	---	0.169	mg/kg dry	50	05/18/19	5035A/8260C	
Bromoform	ND	---	0.337	mg/kg dry	50	05/18/19	5035A/8260C	
Bromomethane	ND	---	0.843	mg/kg dry	50	05/18/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.843	mg/kg dry	50	05/18/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0843	mg/kg dry	50	05/18/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0843	mg/kg dry	50	05/18/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0843	mg/kg dry	50	05/18/19	5035A/8260C	
Carbon disulfide	ND	---	0.843	mg/kg dry	50	05/18/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.169	mg/kg dry	50	05/18/19	5035A/8260C	
Chlorobenzene	ND	---	0.0421	mg/kg dry	50	05/18/19	5035A/8260C	
Chloroethane	ND	---	0.843	mg/kg dry	50	05/18/19	5035A/8260C	
Chloroform	ND	---	0.0843	mg/kg dry	50	05/18/19	5035A/8260C	
Chloromethane	ND	---	0.421	mg/kg dry	50	05/18/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0843	mg/kg dry	50	05/18/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0843	mg/kg dry	50	05/18/19	5035A/8260C	
Dibromochloromethane	ND	---	0.169	mg/kg dry	50	05/18/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-12(1-12) (A9E0401-38)				**Matrix: Soil**			**Batch: 9051023**	
1,2-Dibromo-3-chloropropane	ND	---	0.421	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0843	mg/kg dry	50	05/18/19	5035A/8260C	
Dibromomethane	ND	---	0.0843	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0421	mg/kg dry	50	05/18/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0421	mg/kg dry	50	05/18/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0421	mg/kg dry	50	05/18/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.169	mg/kg dry	50	05/18/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0421	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0421	mg/kg dry	50	05/18/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0421	mg/kg dry	50	05/18/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0421	mg/kg dry	50	05/18/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0421	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0421	mg/kg dry	50	05/18/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0843	mg/kg dry	50	05/18/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0843	mg/kg dry	50	05/18/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0843	mg/kg dry	50	05/18/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0843	mg/kg dry	50	05/18/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0843	mg/kg dry	50	05/18/19	5035A/8260C	
Ethylbenzene	ND	---	0.0421	mg/kg dry	50	05/18/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.169	mg/kg dry	50	05/18/19	5035A/8260C	
2-Hexanone	ND	---	0.843	mg/kg dry	50	05/18/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0843	mg/kg dry	50	05/18/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0843	mg/kg dry	50	05/18/19	5035A/8260C	
Methylene chloride	ND	---	0.421	mg/kg dry	50	05/18/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.843	mg/kg dry	50	05/18/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0843	mg/kg dry	50	05/18/19	5035A/8260C	
Naphthalene	ND	---	0.169	mg/kg dry	50	05/18/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0421	mg/kg dry	50	05/18/19	5035A/8260C	
Styrene	ND	---	0.0843	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.169	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0843	mg/kg dry	50	05/18/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0421	mg/kg dry	50	05/18/19	5035A/8260C	
Toluene	ND	---	0.0843	mg/kg dry	50	05/18/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-12(1-12) (A9E0401-38)				**Matrix: Soil**			**Batch: 9051023**	
1,2,3-Trichlorobenzene	ND	---	0.421	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.421	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0421	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0421	mg/kg dry	50	05/18/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0421	mg/kg dry	50	05/18/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.169	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0843	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0843	mg/kg dry	50	05/18/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0843	mg/kg dry	50	05/18/19	5035A/8260C	
Vinyl chloride	ND	---	0.0421	mg/kg dry	50	05/18/19	5035A/8260C	
m,p-Xylene	ND	---	0.0843	mg/kg dry	50	05/18/19	5035A/8260C	
o-Xylene	ND	---	0.0421	mg/kg dry	50	05/18/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*106 %*	*Limits: 80-120 %*	*1*	*05/18/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*94 %*	*80-120 %*	*1*	*05/18/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*104 %*	*80-120 %*	*1*	*05/18/19*	*5035A/8260C*	
DP-12(12-13) (A9E0401-40)				**Matrix: Soil**			**Batch: 9051023**	
Acetone	ND	---	1.32	mg/kg dry	50	05/18/19	5035A/8260C	
Acrylonitrile	ND	---	0.132	mg/kg dry	50	05/18/19	5035A/8260C	
Benzene	ND	---	0.0132	mg/kg dry	50	05/18/19	5035A/8260C	
Bromobenzene	ND	---	0.0330	mg/kg dry	50	05/18/19	5035A/8260C	
Bromochloromethane	ND	---	0.0661	mg/kg dry	50	05/18/19	5035A/8260C	
Bromodichloromethane	ND	---	0.132	mg/kg dry	50	05/18/19	5035A/8260C	
Bromoform	ND	---	0.264	mg/kg dry	50	05/18/19	5035A/8260C	
Bromomethane	ND	---	0.661	mg/kg dry	50	05/18/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.661	mg/kg dry	50	05/18/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0661	mg/kg dry	50	05/18/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0661	mg/kg dry	50	05/18/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0661	mg/kg dry	50	05/18/19	5035A/8260C	
Carbon disulfide	ND	---	0.661	mg/kg dry	50	05/18/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.132	mg/kg dry	50	05/18/19	5035A/8260C	
Chlorobenzene	ND	---	0.0330	mg/kg dry	50	05/18/19	5035A/8260C	
Chloroethane	ND	---	0.661	mg/kg dry	50	05/18/19	5035A/8260C	
Chloroform	ND	---	0.0661	mg/kg dry	50	05/18/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-12(12-13) (A9E0401-40)				**Matrix: Soil**			**Batch: 9051023**	
Chloromethane	ND	---	0.330	mg/kg dry	50	05/18/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0661	mg/kg dry	50	05/18/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0661	mg/kg dry	50	05/18/19	5035A/8260C	
Dibromochloromethane	ND	---	0.132	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.330	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0661	mg/kg dry	50	05/18/19	5035A/8260C	
Dibromomethane	ND	---	0.0661	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0330	mg/kg dry	50	05/18/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0330	mg/kg dry	50	05/18/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0330	mg/kg dry	50	05/18/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.132	mg/kg dry	50	05/18/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0330	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0330	mg/kg dry	50	05/18/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0330	mg/kg dry	50	05/18/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0330	mg/kg dry	50	05/18/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0330	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0330	mg/kg dry	50	05/18/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0661	mg/kg dry	50	05/18/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0661	mg/kg dry	50	05/18/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0661	mg/kg dry	50	05/18/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0661	mg/kg dry	50	05/18/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0661	mg/kg dry	50	05/18/19	5035A/8260C	
Ethylbenzene	ND	---	0.0330	mg/kg dry	50	05/18/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.132	mg/kg dry	50	05/18/19	5035A/8260C	
2-Hexanone	ND	---	0.661	mg/kg dry	50	05/18/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0661	mg/kg dry	50	05/18/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0661	mg/kg dry	50	05/18/19	5035A/8260C	
Methylene chloride	ND	---	0.330	mg/kg dry	50	05/18/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.661	mg/kg dry	50	05/18/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0661	mg/kg dry	50	05/18/19	5035A/8260C	
Naphthalene	ND	---	0.132	mg/kg dry	50	05/18/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0330	mg/kg dry	50	05/18/19	5035A/8260C	
Styrene	ND	---	0.0661	mg/kg dry	50	05/18/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-12(12-13) (A9E0401-40)				**Matrix: Soil**			**Batch: 9051023**	
1,1,1,2-Tetrachloroethane	ND	---	0.132	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0661	mg/kg dry	50	05/18/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0330	mg/kg dry	50	05/18/19	5035A/8260C	
Toluene	ND	---	0.0661	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.330	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.330	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0330	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0330	mg/kg dry	50	05/18/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0330	mg/kg dry	50	05/18/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.132	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0661	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0661	mg/kg dry	50	05/18/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0661	mg/kg dry	50	05/18/19	5035A/8260C	
Vinyl chloride	ND	---	0.0330	mg/kg dry	50	05/18/19	5035A/8260C	
m,p-Xylene	ND	---	0.0661	mg/kg dry	50	05/18/19	5035A/8260C	
o-Xylene	ND	---	0.0330	mg/kg dry	50	05/18/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*106 %*	*Limits: 80-120 %*	*1*	*05/18/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*96 %*	*80-120 %*	*1*	*05/18/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*103 %*	*80-120 %*	*1*	*05/18/19*	*5035A/8260C*	
DP-12(16-17) (A9E0401-41)				**Matrix: Soil**			**Batch: 9051023**	
Acetone	ND	---	1.33	mg/kg dry	50	05/18/19	5035A/8260C	
Acrylonitrile	ND	---	0.133	mg/kg dry	50	05/18/19	5035A/8260C	
Benzene	ND	---	0.0133	mg/kg dry	50	05/18/19	5035A/8260C	
Bromobenzene	ND	---	0.0332	mg/kg dry	50	05/18/19	5035A/8260C	
Bromochloromethane	ND	---	0.0663	mg/kg dry	50	05/18/19	5035A/8260C	
Bromodichloromethane	ND	---	0.133	mg/kg dry	50	05/18/19	5035A/8260C	
Bromoform	ND	---	0.265	mg/kg dry	50	05/18/19	5035A/8260C	
Bromomethane	ND	---	0.663	mg/kg dry	50	05/18/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.663	mg/kg dry	50	05/18/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0663	mg/kg dry	50	05/18/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0663	mg/kg dry	50	05/18/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0663	mg/kg dry	50	05/18/19	5035A/8260C	
Carbon disulfide	ND	---	0.663	mg/kg dry	50	05/18/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-12(16-17) (A9E0401-41)				**Matrix: Soil**			**Batch: 9051023**	
Carbon tetrachloride	ND	---	0.133	mg/kg dry	50	05/18/19	5035A/8260C	
Chlorobenzene	ND	---	0.0332	mg/kg dry	50	05/18/19	5035A/8260C	
Chloroethane	ND	---	0.663	mg/kg dry	50	05/18/19	5035A/8260C	
Chloroform	ND	---	0.0663	mg/kg dry	50	05/18/19	5035A/8260C	
Chloromethane	ND	---	0.332	mg/kg dry	50	05/18/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0663	mg/kg dry	50	05/18/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0663	mg/kg dry	50	05/18/19	5035A/8260C	
Dibromochloromethane	ND	---	0.133	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.332	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0663	mg/kg dry	50	05/18/19	5035A/8260C	
Dibromomethane	ND	---	0.0663	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0332	mg/kg dry	50	05/18/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0332	mg/kg dry	50	05/18/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0332	mg/kg dry	50	05/18/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.133	mg/kg dry	50	05/18/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0332	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0332	mg/kg dry	50	05/18/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0332	mg/kg dry	50	05/18/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0332	mg/kg dry	50	05/18/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0332	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0332	mg/kg dry	50	05/18/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0663	mg/kg dry	50	05/18/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0663	mg/kg dry	50	05/18/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0663	mg/kg dry	50	05/18/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0663	mg/kg dry	50	05/18/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0663	mg/kg dry	50	05/18/19	5035A/8260C	
Ethylbenzene	ND	---	0.0332	mg/kg dry	50	05/18/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.133	mg/kg dry	50	05/18/19	5035A/8260C	
2-Hexanone	ND	---	0.663	mg/kg dry	50	05/18/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0663	mg/kg dry	50	05/18/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0663	mg/kg dry	50	05/18/19	5035A/8260C	
Methylene chloride	ND	---	0.332	mg/kg dry	50	05/18/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.663	mg/kg dry	50	05/18/19	5035A/8260C	

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Philip Nerenberg, Lab Director

Apex Laboratories, LLC

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503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-12(16-17) (A9E0401-41)				**Matrix: Soil**			**Batch: 9051023**	
Methyl tert-butyl ether (MTBE)	ND	---	0.0663	mg/kg dry	50	05/18/19	5035A/8260C	
Naphthalene	ND	---	0.133	mg/kg dry	50	05/18/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0332	mg/kg dry	50	05/18/19	5035A/8260C	
Styrene	ND	---	0.0663	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.133	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0663	mg/kg dry	50	05/18/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0332	mg/kg dry	50	05/18/19	5035A/8260C	
Toluene	ND	---	0.0663	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.332	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.332	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0332	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0332	mg/kg dry	50	05/18/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0332	mg/kg dry	50	05/18/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.133	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0663	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0663	mg/kg dry	50	05/18/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0663	mg/kg dry	50	05/18/19	5035A/8260C	
Vinyl chloride	ND	---	0.0332	mg/kg dry	50	05/18/19	5035A/8260C	
m,p-Xylene	ND	---	0.0663	mg/kg dry	50	05/18/19	5035A/8260C	
o-Xylene	ND	---	0.0332	mg/kg dry	50	05/18/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*104 %*	*Limits: 80-120 %*	*1*	*05/18/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*97 %*	*80-120 %*	*1*	*05/18/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*103 %*	*80-120 %*	*1*	*05/18/19*	*5035A/8260C*	
DP-13(4-5) (A9E0401-42)				**Matrix: Soil**			**Batch: 9051023**	
Acetone	ND	---	1.48	mg/kg dry	50	05/18/19	5035A/8260C	
Acrylonitrile	ND	---	0.148	mg/kg dry	50	05/18/19	5035A/8260C	
Benzene	ND	---	0.0148	mg/kg dry	50	05/18/19	5035A/8260C	
Bromobenzene	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
Bromochloromethane	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
Bromodichloromethane	ND	---	0.148	mg/kg dry	50	05/18/19	5035A/8260C	
Bromoform	ND	---	0.296	mg/kg dry	50	05/18/19	5035A/8260C	
Bromomethane	ND	---	0.740	mg/kg dry	50	05/18/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.740	mg/kg dry	50	05/18/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-13(4-5) (A9E0401-42)				**Matrix: Soil**			**Batch: 9051023**	
n-Butylbenzene	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
Carbon disulfide	ND	---	0.740	mg/kg dry	50	05/18/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.148	mg/kg dry	50	05/18/19	5035A/8260C	
Chlorobenzene	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
Chloroethane	ND	---	0.740	mg/kg dry	50	05/18/19	5035A/8260C	
Chloroform	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
Chloromethane	ND	---	0.370	mg/kg dry	50	05/18/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
Dibromochloromethane	ND	---	0.148	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.370	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
Dibromomethane	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.148	mg/kg dry	50	05/18/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
Ethylbenzene	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.148	mg/kg dry	50	05/18/19	5035A/8260C	
2-Hexanone	ND	---	0.740	mg/kg dry	50	05/18/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-13(4-5) (A9E0401-42)				**Matrix: Soil**			**Batch: 9051023**	
Isopropylbenzene	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
Methylene chloride	ND	---	0.370	mg/kg dry	50	05/18/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.740	mg/kg dry	50	05/18/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
Naphthalene	ND	---	0.148	mg/kg dry	50	05/18/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
Styrene	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.148	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
Toluene	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.370	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.370	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.148	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
Vinyl chloride	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
m,p-Xylene	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
o-Xylene	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*106 %*	*Limits: 80-120 %*	*1*	*05/18/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*95 %*	*80-120 %*	*1*	*05/18/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*103 %*	*80-120 %*	*1*	*05/18/19*	*5035A/8260C*	
DP-13(9-10) (A9E0401-44)				**Matrix: Soil**			**Batch: 9051023**	
Acetone	ND	---	1.48	mg/kg dry	50	05/18/19	5035A/8260C	
Acrylonitrile	ND	---	0.148	mg/kg dry	50	05/18/19	5035A/8260C	
Benzene	ND	---	0.0148	mg/kg dry	50	05/18/19	5035A/8260C	
Bromobenzene	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
Bromochloromethane	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-13(9-10) (A9E0401-44)				**Matrix: Soil**			**Batch: 9051023**	
Bromodichloromethane	ND	---	0.148	mg/kg dry	50	05/18/19	5035A/8260C	
Bromoform	ND	---	0.296	mg/kg dry	50	05/18/19	5035A/8260C	
Bromomethane	ND	---	0.740	mg/kg dry	50	05/18/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.740	mg/kg dry	50	05/18/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
Carbon disulfide	ND	---	0.740	mg/kg dry	50	05/18/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.148	mg/kg dry	50	05/18/19	5035A/8260C	
Chlorobenzene	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
Chloroethane	ND	---	0.740	mg/kg dry	50	05/18/19	5035A/8260C	
Chloroform	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
Chloromethane	ND	---	0.370	mg/kg dry	50	05/18/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
Dibromochloromethane	ND	---	0.148	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.370	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
Dibromomethane	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.148	mg/kg dry	50	05/18/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-13(9-10) (A9E0401-44)				**Matrix: Soil**			**Batch: 9051023**	
trans-1,3-Dichloropropene	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
Ethylbenzene	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.148	mg/kg dry	50	05/18/19	5035A/8260C	
2-Hexanone	ND	---	0.740	mg/kg dry	50	05/18/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
Methylene chloride	ND	---	0.370	mg/kg dry	50	05/18/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.740	mg/kg dry	50	05/18/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
Naphthalene	ND	---	0.148	mg/kg dry	50	05/18/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
Styrene	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.148	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
Toluene	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.370	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.370	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.148	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
Vinyl chloride	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
m,p-Xylene	ND	---	0.0740	mg/kg dry	50	05/18/19	5035A/8260C	
o-Xylene	ND	---	0.0370	mg/kg dry	50	05/18/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*106 %*	*Limits:* *80-120 %*	*1*	*05/18/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*97 %*	*80-120 %*	*1*	*05/18/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*103 %*	*80-120 %*	*1*	*05/18/19*	*5035A/8260C*	
DP-14(2-3) (A9E0401-46)				**Matrix: Soil**			**Batch: 9051023**	
Acetone	ND	---	1.67	mg/kg dry	50	05/18/19	5035A/8260C	

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Philip Nerenberg, Lab Director

Apex Laboratories, LLC

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503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-14(2-3) (A9E0401-46)				**Matrix: Soil**			**Batch: 9051023**	
Acrylonitrile	ND	---	0.167	mg/kg dry	50	05/18/19	5035A/8260C	
Benzene	ND	---	0.0167	mg/kg dry	50	05/18/19	5035A/8260C	
Bromobenzene	ND	---	0.0417	mg/kg dry	50	05/18/19	5035A/8260C	
Bromochloromethane	ND	---	0.0835	mg/kg dry	50	05/18/19	5035A/8260C	
Bromodichloromethane	ND	---	0.167	mg/kg dry	50	05/18/19	5035A/8260C	
Bromoform	ND	---	0.334	mg/kg dry	50	05/18/19	5035A/8260C	
Bromomethane	ND	---	0.835	mg/kg dry	50	05/18/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.835	mg/kg dry	50	05/18/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0835	mg/kg dry	50	05/18/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0835	mg/kg dry	50	05/18/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0835	mg/kg dry	50	05/18/19	5035A/8260C	
Carbon disulfide	ND	---	0.835	mg/kg dry	50	05/18/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.167	mg/kg dry	50	05/18/19	5035A/8260C	
Chlorobenzene	ND	---	0.0417	mg/kg dry	50	05/18/19	5035A/8260C	
Chloroethane	ND	---	0.835	mg/kg dry	50	05/18/19	5035A/8260C	
Chloroform	ND	---	0.0835	mg/kg dry	50	05/18/19	5035A/8260C	
Chloromethane	ND	---	0.417	mg/kg dry	50	05/18/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0835	mg/kg dry	50	05/18/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0835	mg/kg dry	50	05/18/19	5035A/8260C	
Dibromochloromethane	ND	---	0.167	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.417	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0835	mg/kg dry	50	05/18/19	5035A/8260C	
Dibromomethane	ND	---	0.0835	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0417	mg/kg dry	50	05/18/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0417	mg/kg dry	50	05/18/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0417	mg/kg dry	50	05/18/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.167	mg/kg dry	50	05/18/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0417	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0417	mg/kg dry	50	05/18/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0417	mg/kg dry	50	05/18/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0417	mg/kg dry	50	05/18/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0417	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0417	mg/kg dry	50	05/18/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-14(2-3) (A9E0401-46)				**Matrix: Soil**			**Batch: 9051023**	
1,3-Dichloropropane	ND	---	0.0835	mg/kg dry	50	05/18/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0835	mg/kg dry	50	05/18/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0835	mg/kg dry	50	05/18/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0835	mg/kg dry	50	05/18/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0835	mg/kg dry	50	05/18/19	5035A/8260C	
Ethylbenzene	ND	---	0.0417	mg/kg dry	50	05/18/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.167	mg/kg dry	50	05/18/19	5035A/8260C	
2-Hexanone	ND	---	0.835	mg/kg dry	50	05/18/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0835	mg/kg dry	50	05/18/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0835	mg/kg dry	50	05/18/19	5035A/8260C	
Methylene chloride	ND	---	0.417	mg/kg dry	50	05/18/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.835	mg/kg dry	50	05/18/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0835	mg/kg dry	50	05/18/19	5035A/8260C	
Naphthalene	ND	---	0.167	mg/kg dry	50	05/18/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0417	mg/kg dry	50	05/18/19	5035A/8260C	
Styrene	ND	---	0.0835	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.167	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0835	mg/kg dry	50	05/18/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0417	mg/kg dry	50	05/18/19	5035A/8260C	
Toluene	ND	---	0.0835	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.417	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.417	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0417	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0417	mg/kg dry	50	05/18/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0417	mg/kg dry	50	05/18/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.167	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0835	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0835	mg/kg dry	50	05/18/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0835	mg/kg dry	50	05/18/19	5035A/8260C	
Vinyl chloride	ND	---	0.0417	mg/kg dry	50	05/18/19	5035A/8260C	
m,p-Xylene	ND	---	0.0835	mg/kg dry	50	05/18/19	5035A/8260C	
o-Xylene	ND	---	0.0417	mg/kg dry	50	05/18/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery: 108 %*		*Limits: 80-120 %*	*1*	*05/18/19*	*5035A/8260C*	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-14(2-3) (A9E0401-46)				**Matrix: Soil**			**Batch: 9051023**	
Surrogate: Toluene-d8 (Surr)			*Recovery: 94 %*	*Limits: 80-120 %*	*1*	*05/18/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*105 %*	*80-120 %*	*1*	*05/18/19*	*5035A/8260C*	
DP-14(11-12) (A9E0401-48)				**Matrix: Soil**			**Batch: 9051023**	
Acetone	ND	---	1.54	mg/kg dry	50	05/18/19	5035A/8260C	
Acrylonitrile	ND	---	0.154	mg/kg dry	50	05/18/19	5035A/8260C	
Benzene	ND	---	0.0154	mg/kg dry	50	05/18/19	5035A/8260C	
Bromobenzene	ND	---	0.0384	mg/kg dry	50	05/18/19	5035A/8260C	
Bromochloromethane	ND	---	0.0768	mg/kg dry	50	05/18/19	5035A/8260C	
Bromodichloromethane	ND	---	0.154	mg/kg dry	50	05/18/19	5035A/8260C	
Bromoform	ND	---	0.307	mg/kg dry	50	05/18/19	5035A/8260C	
Bromomethane	ND	---	0.768	mg/kg dry	50	05/18/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.768	mg/kg dry	50	05/18/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0768	mg/kg dry	50	05/18/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0768	mg/kg dry	50	05/18/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0768	mg/kg dry	50	05/18/19	5035A/8260C	
Carbon disulfide	ND	---	0.768	mg/kg dry	50	05/18/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.154	mg/kg dry	50	05/18/19	5035A/8260C	
Chlorobenzene	ND	---	0.0384	mg/kg dry	50	05/18/19	5035A/8260C	
Chloroethane	ND	---	0.768	mg/kg dry	50	05/18/19	5035A/8260C	
Chloroform	ND	---	0.0768	mg/kg dry	50	05/18/19	5035A/8260C	
Chloromethane	ND	---	0.384	mg/kg dry	50	05/18/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0768	mg/kg dry	50	05/18/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0768	mg/kg dry	50	05/18/19	5035A/8260C	
Dibromochloromethane	ND	---	0.154	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.384	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0768	mg/kg dry	50	05/18/19	5035A/8260C	
Dibromomethane	ND	---	0.0768	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0384	mg/kg dry	50	05/18/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0384	mg/kg dry	50	05/18/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0384	mg/kg dry	50	05/18/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.154	mg/kg dry	50	05/18/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0384	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0384	mg/kg dry	50	05/18/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-14(11-12) (A9E0401-48)				**Matrix: Soil**			**Batch: 9051023**	
1,1-Dichloroethene	ND	---	0.0384	mg/kg dry	50	05/18/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0384	mg/kg dry	50	05/18/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0384	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0384	mg/kg dry	50	05/18/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0768	mg/kg dry	50	05/18/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0768	mg/kg dry	50	05/18/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0768	mg/kg dry	50	05/18/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0768	mg/kg dry	50	05/18/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0768	mg/kg dry	50	05/18/19	5035A/8260C	
Ethylbenzene	ND	---	0.0384	mg/kg dry	50	05/18/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.154	mg/kg dry	50	05/18/19	5035A/8260C	
2-Hexanone	ND	---	0.768	mg/kg dry	50	05/18/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0768	mg/kg dry	50	05/18/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0768	mg/kg dry	50	05/18/19	5035A/8260C	
Methylene chloride	ND	---	0.384	mg/kg dry	50	05/18/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.768	mg/kg dry	50	05/18/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0768	mg/kg dry	50	05/18/19	5035A/8260C	
Naphthalene	ND	---	0.154	mg/kg dry	50	05/18/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0384	mg/kg dry	50	05/18/19	5035A/8260C	
Styrene	ND	---	0.0768	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.154	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0768	mg/kg dry	50	05/18/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0384	mg/kg dry	50	05/18/19	5035A/8260C	
Toluene	ND	---	0.0768	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.384	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.384	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0384	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0384	mg/kg dry	50	05/18/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0384	mg/kg dry	50	05/18/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.154	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0768	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0768	mg/kg dry	50	05/18/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0768	mg/kg dry	50	05/18/19	5035A/8260C	

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Philip Nerenberg, Lab Director

Apex Laboratories, LLC

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-14(11-12) (A9E0401-48)				**Matrix: Soil**			**Batch: 9051023**	
Vinyl chloride	ND	---	0.0384	mg/kg dry	50	05/18/19	5035A/8260C	
m,p-Xylene	ND	---	0.0768	mg/kg dry	50	05/18/19	5035A/8260C	
o-Xylene	ND	---	0.0384	mg/kg dry	50	05/18/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*110 %*	*Limits: 80-120 %*	*1*	*05/18/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*94 %*	*80-120 %*	*1*	*05/18/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*108 %*	*80-120 %*	*1*	*05/18/19*	*5035A/8260C*	
DP-15(4-5) (A9E0401-49)				**Matrix: Soil**			**Batch: 9051023**	
Acetone	ND	---	1.62	mg/kg dry	50	05/18/19	5035A/8260C	
Acrylonitrile	ND	---	0.162	mg/kg dry	50	05/18/19	5035A/8260C	
Benzene	ND	---	0.0162	mg/kg dry	50	05/18/19	5035A/8260C	
Bromobenzene	ND	---	0.0404	mg/kg dry	50	05/18/19	5035A/8260C	
Bromochloromethane	ND	---	0.0809	mg/kg dry	50	05/18/19	5035A/8260C	
Bromodichloromethane	ND	---	0.162	mg/kg dry	50	05/18/19	5035A/8260C	
Bromoform	ND	---	0.324	mg/kg dry	50	05/18/19	5035A/8260C	
Bromomethane	ND	---	0.809	mg/kg dry	50	05/18/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.809	mg/kg dry	50	05/18/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0809	mg/kg dry	50	05/18/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0809	mg/kg dry	50	05/18/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0809	mg/kg dry	50	05/18/19	5035A/8260C	
Carbon disulfide	ND	---	0.809	mg/kg dry	50	05/18/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.162	mg/kg dry	50	05/18/19	5035A/8260C	
Chlorobenzene	ND	---	0.0404	mg/kg dry	50	05/18/19	5035A/8260C	
Chloroethane	ND	---	0.809	mg/kg dry	50	05/18/19	5035A/8260C	
Chloroform	ND	---	0.0809	mg/kg dry	50	05/18/19	5035A/8260C	
Chloromethane	ND	---	0.404	mg/kg dry	50	05/18/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0809	mg/kg dry	50	05/18/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0809	mg/kg dry	50	05/18/19	5035A/8260C	
Dibromochloromethane	ND	---	0.162	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.404	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0809	mg/kg dry	50	05/18/19	5035A/8260C	
Dibromomethane	ND	---	0.0809	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0404	mg/kg dry	50	05/18/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0404	mg/kg dry	50	05/18/19	5035A/8260C	

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Philip Nerenberg, Lab Director

Apex Laboratories, LLC

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503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-15(4-5) (A9E0401-49)				**Matrix: Soil**			**Batch: 9051023**	
1,4-Dichlorobenzene	ND	---	0.0404	mg/kg dry	50	05/18/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.162	mg/kg dry	50	05/18/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0404	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0404	mg/kg dry	50	05/18/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0404	mg/kg dry	50	05/18/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0404	mg/kg dry	50	05/18/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0404	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0404	mg/kg dry	50	05/18/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0809	mg/kg dry	50	05/18/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0809	mg/kg dry	50	05/18/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0809	mg/kg dry	50	05/18/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0809	mg/kg dry	50	05/18/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0809	mg/kg dry	50	05/18/19	5035A/8260C	
Ethylbenzene	ND	---	0.0404	mg/kg dry	50	05/18/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.162	mg/kg dry	50	05/18/19	5035A/8260C	
2-Hexanone	ND	---	0.809	mg/kg dry	50	05/18/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0809	mg/kg dry	50	05/18/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0809	mg/kg dry	50	05/18/19	5035A/8260C	
Methylene chloride	ND	---	0.404	mg/kg dry	50	05/18/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.809	mg/kg dry	50	05/18/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0809	mg/kg dry	50	05/18/19	5035A/8260C	
Naphthalene	ND	---	0.162	mg/kg dry	50	05/18/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0404	mg/kg dry	50	05/18/19	5035A/8260C	
Styrene	ND	---	0.0809	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.162	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0809	mg/kg dry	50	05/18/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0404	mg/kg dry	50	05/18/19	5035A/8260C	
Toluene	ND	---	0.0809	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.404	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.404	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0404	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0404	mg/kg dry	50	05/18/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0404	mg/kg dry	50	05/18/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-15(4-5) (A9E0401-49)				**Matrix: Soil**			**Batch: 9051023**	
Trichlorofluoromethane	ND	---	0.162	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0809	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0809	mg/kg dry	50	05/18/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0809	mg/kg dry	50	05/18/19	5035A/8260C	
Vinyl chloride	ND	---	0.0404	mg/kg dry	50	05/18/19	5035A/8260C	
m,p-Xylene	ND	---	0.0809	mg/kg dry	50	05/18/19	5035A/8260C	
o-Xylene	ND	---	0.0404	mg/kg dry	50	05/18/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*106 %*	*Limits: 80-120 %*	*1*	*05/18/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*97 %*	*80-120 %*	*1*	*05/18/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*102 %*	*80-120 %*	*1*	*05/18/19*	*5035A/8260C*	
DP-16(2-3) (A9E0401-52)				**Matrix: Soil**			**Batch: 9051023**	
Acetone	ND	---	1.31	mg/kg dry	50	05/18/19	5035A/8260C	
Acrylonitrile	ND	---	0.131	mg/kg dry	50	05/18/19	5035A/8260C	
Benzene	ND	---	0.0131	mg/kg dry	50	05/18/19	5035A/8260C	
Bromobenzene	ND	---	0.0327	mg/kg dry	50	05/18/19	5035A/8260C	
Bromochloromethane	ND	---	0.0654	mg/kg dry	50	05/18/19	5035A/8260C	
Bromodichloromethane	ND	---	0.131	mg/kg dry	50	05/18/19	5035A/8260C	
Bromoform	ND	---	0.262	mg/kg dry	50	05/18/19	5035A/8260C	
Bromomethane	ND	---	0.654	mg/kg dry	50	05/18/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.654	mg/kg dry	50	05/18/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0654	mg/kg dry	50	05/18/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0654	mg/kg dry	50	05/18/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0654	mg/kg dry	50	05/18/19	5035A/8260C	
Carbon disulfide	ND	---	0.654	mg/kg dry	50	05/18/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.131	mg/kg dry	50	05/18/19	5035A/8260C	
Chlorobenzene	ND	---	0.0327	mg/kg dry	50	05/18/19	5035A/8260C	
Chloroethane	ND	---	0.654	mg/kg dry	50	05/18/19	5035A/8260C	
Chloroform	ND	---	0.0654	mg/kg dry	50	05/18/19	5035A/8260C	
Chloromethane	ND	---	0.327	mg/kg dry	50	05/18/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0654	mg/kg dry	50	05/18/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0654	mg/kg dry	50	05/18/19	5035A/8260C	
Dibromochloromethane	ND	---	0.131	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.327	mg/kg dry	50	05/18/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-16(2-3) (A9E0401-52)				**Matrix: Soil**			**Batch: 9051023**	
1,2-Dibromoethane (EDB)	ND	---	0.0654	mg/kg dry	50	05/18/19	5035A/8260C	
Dibromomethane	ND	---	0.0654	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0327	mg/kg dry	50	05/18/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0327	mg/kg dry	50	05/18/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0327	mg/kg dry	50	05/18/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.131	mg/kg dry	50	05/18/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0327	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0327	mg/kg dry	50	05/18/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0327	mg/kg dry	50	05/18/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0327	mg/kg dry	50	05/18/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0327	mg/kg dry	50	05/18/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0327	mg/kg dry	50	05/18/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0654	mg/kg dry	50	05/18/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0654	mg/kg dry	50	05/18/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0654	mg/kg dry	50	05/18/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0654	mg/kg dry	50	05/18/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0654	mg/kg dry	50	05/18/19	5035A/8260C	
Ethylbenzene	ND	---	0.0327	mg/kg dry	50	05/18/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.131	mg/kg dry	50	05/18/19	5035A/8260C	
2-Hexanone	ND	---	0.654	mg/kg dry	50	05/18/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0654	mg/kg dry	50	05/18/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0654	mg/kg dry	50	05/18/19	5035A/8260C	
Methylene chloride	ND	---	0.327	mg/kg dry	50	05/18/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.654	mg/kg dry	50	05/18/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0654	mg/kg dry	50	05/18/19	5035A/8260C	
Naphthalene	ND	---	0.131	mg/kg dry	50	05/18/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0327	mg/kg dry	50	05/18/19	5035A/8260C	
Styrene	ND	---	0.0654	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.131	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0654	mg/kg dry	50	05/18/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0327	mg/kg dry	50	05/18/19	5035A/8260C	
Toluene	ND	---	0.0654	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.327	mg/kg dry	50	05/18/19	5035A/8260C	

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-16(2-3) (A9E0401-52)				**Matrix: Soil**			**Batch: 9051023**	
1,2,4-Trichlorobenzene	ND	---	0.327	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0327	mg/kg dry	50	05/18/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0327	mg/kg dry	50	05/18/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0327	mg/kg dry	50	05/18/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.131	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0654	mg/kg dry	50	05/18/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0654	mg/kg dry	50	05/18/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0654	mg/kg dry	50	05/18/19	5035A/8260C	
Vinyl chloride	ND	---	0.0327	mg/kg dry	50	05/18/19	5035A/8260C	
m,p-Xylene	ND	---	0.0654	mg/kg dry	50	05/18/19	5035A/8260C	
o-Xylene	ND	---	0.0327	mg/kg dry	50	05/18/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*110 %*	*Limits: 80-120 %*	*1*	*05/18/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*94 %*	*80-120 %*	*1*	*05/18/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*102 %*	*80-120 %*	*1*	*05/18/19*	*5035A/8260C*	

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GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polychlorinated Biphenyls by EPA 8082A

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-1(0.5-1.5) (A9E0401-01)				**Matrix: Soil**			**Batch: 9050839**	**C-07**
Aroclor 1016	ND	---	0.0117	mg/kg dry	1	05/15/19	EPA 8082A	
Aroclor 1221	ND	---	0.0117	mg/kg dry	1	05/15/19	EPA 8082A	
Aroclor 1232	ND	---	0.0117	mg/kg dry	1	05/15/19	EPA 8082A	
Aroclor 1242	ND	---	0.0117	mg/kg dry	1	05/15/19	EPA 8082A	
Aroclor 1248	ND	---	0.0117	mg/kg dry	1	05/15/19	EPA 8082A	
Aroclor 1254	ND	---	0.0117	mg/kg dry	1	05/15/19	EPA 8082A	
Aroclor 1260	ND	---	0.0117	mg/kg dry	1	05/15/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 87 %*		*Limits: 60-125 %*	*1*	*05/15/19*	*EPA 8082A*	
DP-1(11.5-12.5) (A9E0401-03)				**Matrix: Soil**			**Batch: 9050839**	**C-07**
Aroclor 1016	ND	---	0.0111	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1221	ND	---	0.0111	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1232	ND	---	0.0111	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1242	ND	---	0.0111	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1248	ND	---	0.0111	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1254	ND	---	0.0111	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1260	ND	---	0.0111	mg/kg dry	1	05/16/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 89 %*		*Limits: 60-125 %*	*1*	*05/16/19*	*EPA 8082A*	
DP-2(1-2) (A9E0401-04)				**Matrix: Soil**			**Batch: 9050839**	**C-07**
Aroclor 1016	ND	---	0.0118	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1221	ND	---	0.0118	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1232	ND	---	0.0118	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1242	ND	---	0.0118	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1248	ND	---	0.0118	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1254	ND	---	0.0118	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1260	ND	---	0.0118	mg/kg dry	1	05/16/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 92 %*		*Limits: 60-125 %*	*1*	*05/16/19*	*EPA 8082A*	
DP-2(12-13) (A9E0401-06)				**Matrix: Soil**			**Batch: 9050839**	**C-07**
Aroclor 1016	ND	---	0.0127	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1221	ND	---	0.0127	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1232	ND	---	0.0127	mg/kg dry	1	05/16/19	EPA 8082A	

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polychlorinated Biphenyls by EPA 8082A

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-2(12-13) (A9E0401-06)				**Matrix: Soil**			**Batch: 9050839**	**C-07**
Aroclor 1242	ND	---	0.0127	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1248	ND	---	0.0127	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1254	ND	---	0.0127	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1260	ND	---	0.0127	mg/kg dry	1	05/16/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 89 %*		*Limits: 60-125 %*	*1*	*05/16/19*	*EPA 8082A*	
DP-3(1-2) (A9E0401-07)				**Matrix: Soil**			**Batch: 9050839**	**C-07**
Aroclor 1016	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1221	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1232	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1242	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1248	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1254	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1260	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 98 %*		*Limits: 60-125 %*	*1*	*05/16/19*	*EPA 8082A*	
DP-3(12-13) (A9E0401-09)				**Matrix: Soil**			**Batch: 9050839**	**C-07**
Aroclor 1016	ND	---	0.0127	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1221	ND	---	0.0127	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1232	ND	---	0.0127	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1242	ND	---	0.0127	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1248	ND	---	0.0127	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1254	ND	---	0.0127	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1260	ND	---	0.0127	mg/kg dry	1	05/16/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 89 %*		*Limits: 60-125 %*	*1*	*05/16/19*	*EPA 8082A*	
DP-4(0.5-1.5) (A9E0401-10)				**Matrix: Soil**			**Batch: 9050839**	**C-07**
Aroclor 1016	ND	---	0.0115	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1221	ND	---	0.0115	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1232	ND	---	0.0115	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1242	ND	---	0.0115	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1248	ND	---	0.0115	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1254	ND	---	0.0115	mg/kg dry	1	05/16/19	EPA 8082A	

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Philip Nerenberg, Lab Director

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Apex Laboratories, LLC
6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polychlorinated Biphenyls by EPA 8082A

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-4(0.5-1.5) (A9E0401-10)				**Matrix: Soil**			**Batch: 9050839**	**C-07**
Aroclor 1260	ND	---	0.0115	mg/kg dry	1	05/16/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 89 %*		*Limits: 60-125 %*	*1*	*05/16/19*	*EPA 8082A*	
DP-4(8-9) (A9E0401-11)				**Matrix: Soil**			**Batch: 9050839**	**C-07**
Aroclor 1016	ND	---	0.0125	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1221	ND	---	0.0125	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1232	ND	---	0.0125	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1242	ND	---	0.0125	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1248	ND	---	0.0125	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1254	ND	---	0.0125	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1260	ND	---	0.0125	mg/kg dry	1	05/16/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 78 %*		*Limits: 60-125 %*	*1*	*05/16/19*	*EPA 8082A*	
DP-4(11.5-12.5) (A9E0401-12)				**Matrix: Soil**			**Batch: 9050839**	**C-07**
Aroclor 1016	ND	---	0.0108	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1221	ND	---	0.0108	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1232	ND	---	0.0108	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1242	ND	---	0.0108	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1248	ND	---	0.0108	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1254	ND	---	0.0108	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1260	ND	---	0.0108	mg/kg dry	1	05/16/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 73 %*		*Limits: 60-125 %*	*1*	*05/16/19*	*EPA 8082A*	
DP-5(1-2) (A9E0401-16)				**Matrix: Soil**			**Batch: 9050839**	**C-07**
Aroclor 1016	ND	---	0.0112	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1221	ND	---	0.0112	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1232	ND	---	0.0112	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1242	ND	---	0.0112	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1248	ND	---	0.0112	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1254	ND	---	0.0112	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1260	ND	---	0.0112	mg/kg dry	1	05/16/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 77 %*		*Limits: 60-125 %*	*1*	*05/16/19*	*EPA 8082A*	

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polychlorinated Biphenyls by EPA 8082A

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-5(8.5-9.5) (A9E0401-17)				**Matrix: Soil**			**Batch: 9050839**	**C-07**
Aroclor 1016	ND	---	0.0125	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1221	ND	---	0.0125	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1232	ND	---	0.0125	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1242	ND	---	0.0125	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1248	ND	---	0.0125	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1254	ND	---	0.0125	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1260	ND	---	0.0125	mg/kg dry	1	05/16/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 78 %*		*Limits: 60-125 %*	*1*	*05/16/19*	*EPA 8082A*	
DP-5(13-14) (A9E0401-18)				**Matrix: Soil**			**Batch: 9050839**	**C-07**
Aroclor 1016	ND	---	0.0117	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1221	ND	---	0.0117	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1232	ND	---	0.0117	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1242	ND	---	0.0117	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1248	ND	---	0.0117	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1254	ND	---	0.0117	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1260	ND	---	0.0117	mg/kg dry	1	05/17/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 83 %*		*Limits: 60-125 %*	*1*	*05/17/19*	*EPA 8082A*	
DP-6(1-2) (A9E0401-19)				**Matrix: Soil**			**Batch: 9050839**	**C-07**
Aroclor 1016	ND	---	0.0112	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1221	ND	---	0.0112	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1232	ND	---	0.0112	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1242	ND	---	0.0112	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1248	ND	---	0.0112	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1254	ND	---	0.0112	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1260	ND	---	0.0112	mg/kg dry	1	05/17/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 81 %*		*Limits: 60-125 %*	*1*	*05/17/19*	*EPA 8082A*	
DP-6(8-9) (A9E0401-20)				**Matrix: Soil**			**Batch: 9050839**	**C-07**
Aroclor 1016	ND	---	0.0120	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1221	ND	---	0.0120	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1232	ND	---	0.0120	mg/kg dry	1	05/17/19	EPA 8082A	

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polychlorinated Biphenyls by EPA 8082A

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-6(8-9) (A9E0401-20)				**Matrix: Soil**			**Batch: 9050839**	**C-07**
Aroclor 1242	ND	---	0.0120	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1248	ND	---	0.0120	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1254	ND	---	0.0120	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1260	ND	---	0.0120	mg/kg dry	1	05/17/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 85 %*		*Limits: 60-125 %*	*1*	*05/17/19*	*EPA 8082A*	
DP-6(12.5-13.5) (A9E0401-21)				**Matrix: Soil**			**Batch: 9050839**	**C-07**
Aroclor 1016	ND	---	0.0127	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1221	ND	---	0.0127	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1232	ND	---	0.0127	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1242	ND	---	0.0127	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1248	ND	---	0.0127	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1254	ND	---	0.0127	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1260	ND	---	0.0127	mg/kg dry	1	05/17/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 82 %*		*Limits: 60-125 %*	*1*	*05/17/19*	*EPA 8082A*	
DP-7(1-2) (A9E0401-22)				**Matrix: Soil**			**Batch: 9050839**	**C-07**
Aroclor 1016	ND	---	0.0101	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1221	ND	---	0.0101	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1232	ND	---	0.0101	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1242	ND	---	0.0101	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1248	ND	---	0.0101	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1254	ND	---	0.0101	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1260	ND	---	0.0101	mg/kg dry	1	05/17/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 91 %*		*Limits: 60-125 %*	*1*	*05/17/19*	*EPA 8082A*	
DP-7(6.5-7.5) (A9E0401-23)				**Matrix: Soil**			**Batch: 9050839**	**C-07**
Aroclor 1016	ND	---	0.00955	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1221	ND	---	0.00955	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1232	ND	---	0.00955	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1242	ND	---	0.00955	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1248	ND	---	0.00955	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1254	ND	---	0.00955	mg/kg dry	1	05/17/19	EPA 8082A	

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polychlorinated Biphenyls by EPA 8082A

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-7(6.5-7.5) (A9E0401-23)				**Matrix: Soil**			**Batch: 9050839**	**C-07**
Aroclor 1260	ND	---	0.00955	mg/kg dry	1	05/17/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 88 %*		*Limits: 60-125 %*	*1*	*05/17/19*	*EPA 8082A*	
DP-7(11.5-12.5) (A9E0401-24)				**Matrix: Soil**			**Batch: 9050839**	**C-07**
Aroclor 1016	ND	---	0.0110	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1221	ND	---	0.0110	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1232	ND	---	0.0110	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1242	ND	---	0.0110	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1248	ND	---	0.0110	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1254	ND	---	0.0110	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1260	ND	---	0.0110	mg/kg dry	1	05/17/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 73 %*		*Limits: 60-125 %*	*1*	*05/17/19*	*EPA 8082A*	
DP-8(1.5-2.5) (A9E0401-25)				**Matrix: Soil**			**Batch: 9050839**	**C-07**
Aroclor 1016	ND	---	0.0118	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1221	ND	---	0.0118	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1232	ND	---	0.0118	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1242	ND	---	0.0118	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1248	ND	---	0.0118	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1254	ND	---	0.0118	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1260	ND	---	0.0118	mg/kg dry	1	05/17/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 83 %*		*Limits: 60-125 %*	*1*	*05/17/19*	*EPA 8082A*	
DP-8(8-9) (A9E0401-26)				**Matrix: Soil**			**Batch: 9050884**	**C-07**
Aroclor 1016	ND	---	0.0113	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1221	ND	---	0.0113	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1232	ND	---	0.0113	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1242	ND	---	0.0113	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1248	ND	---	0.0113	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1254	ND	---	0.0113	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1260	ND	---	0.0113	mg/kg dry	1	05/16/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 84 %*		*Limits: 60-125 %*	*1*	*05/16/19*	*EPA 8082A*	

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polychlorinated Biphenyls by EPA 8082A

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-8(11.5-12.5) (A9E0401-27)				**Matrix: Soil**			**Batch: 9050884**	**C-07**
Aroclor 1016	ND	---	0.0107	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1221	ND	---	0.0107	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1232	ND	---	0.0107	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1242	ND	---	0.0107	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1248	ND	---	0.0107	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1254	ND	---	0.0107	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1260	ND	---	0.0107	mg/kg dry	1	05/16/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 87 %*		*Limits: 60-125 %*	*1*	*05/16/19*	*EPA 8082A*	
DP-9(1-2) (A9E0401-28)				**Matrix: Soil**			**Batch: 9050884**	**C-07**
Aroclor 1016	ND	---	0.0136	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1221	ND	---	0.0136	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1232	ND	---	0.0136	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1242	ND	---	0.0136	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1248	ND	---	0.0136	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1254	ND	---	0.0136	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1260	ND	---	0.0136	mg/kg dry	1	05/16/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 85 %*		*Limits: 60-125 %*	*1*	*05/16/19*	*EPA 8082A*	
DP-9(8-9) (A9E0401-29)				**Matrix: Soil**			**Batch: 9050884**	**C-07**
Aroclor 1016	ND	---	0.0121	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1221	ND	---	0.0121	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1232	ND	---	0.0121	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1242	ND	---	0.0121	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1248	ND	---	0.0121	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1254	ND	---	0.0121	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1260	ND	---	0.0121	mg/kg dry	1	05/16/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 86 %*		*Limits: 60-125 %*	*1*	*05/16/19*	*EPA 8082A*	
DP-10(2-3) (A9E0401-31)				**Matrix: Soil**			**Batch: 9050884**	**C-07**
Aroclor 1016	ND	---	0.0116	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1221	ND	---	0.0116	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1232	ND	---	0.0116	mg/kg dry	1	05/16/19	EPA 8082A	

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503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polychlorinated Biphenyls by EPA 8082A

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-10(2-3) (A9E0401-31)				**Matrix: Soil**			**Batch: 9050884**	**C-07**
Aroclor 1242	ND	---	0.0116	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1248	ND	---	0.0116	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1254	ND	---	0.0116	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1260	ND	---	0.0116	mg/kg dry	1	05/16/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 88 %*		*Limits: 60-125 %*	*1*	*05/16/19*	*EPA 8082A*	
DP-10(13-14) (A9E0401-33)				**Matrix: Soil**			**Batch: 9050884**	**C-07**
Aroclor 1016	ND	---	0.0126	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1221	ND	---	0.0126	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1232	ND	---	0.0126	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1242	ND	---	0.0126	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1248	ND	---	0.0126	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1254	ND	---	0.0126	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1260	ND	---	0.0126	mg/kg dry	1	05/16/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 89 %*		*Limits: 60-125 %*	*1*	*05/16/19*	*EPA 8082A*	
DP-11(3-4) (A9E0401-34)				**Matrix: Soil**			**Batch: 9050884**	**C-07**
Aroclor 1016	ND	---	0.0125	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1221	ND	---	0.0125	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1232	ND	---	0.0125	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1242	ND	---	0.0125	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1248	ND	---	0.0125	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1254	ND	---	0.0125	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1260	ND	---	0.0125	mg/kg dry	1	05/16/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 88 %*		*Limits: 60-125 %*	*1*	*05/16/19*	*EPA 8082A*	
DP-11(10-11) (A9E0401-36)				**Matrix: Soil**			**Batch: 9050884**	**C-07**
Aroclor 1016	ND	---	0.0112	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1221	ND	---	0.0112	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1232	ND	---	0.0112	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1242	ND	---	0.0112	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1248	ND	---	0.0112	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1254	ND	---	0.0112	mg/kg dry	1	05/16/19	EPA 8082A	

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polychlorinated Biphenyls by EPA 8082A

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-11(10-11) (A9E0401-36)				**Matrix: Soil**			**Batch: 9050884**	**C-07**
Aroclor 1260	ND	---	0.0112	mg/kg dry	1	05/16/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 87 %*		*Limits: 60-125 %*	*1*	*05/16/19*	*EPA 8082A*	
DP-11(18-19) (A9E0401-37)				**Matrix: Soil**			**Batch: 9050884**	**C-07**
Aroclor 1016	ND	---	0.0107	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1221	ND	---	0.0107	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1232	ND	---	0.0107	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1242	ND	---	0.0107	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1248	ND	---	0.0107	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1254	ND	---	0.0107	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1260	ND	---	0.0107	mg/kg dry	1	05/16/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 73 %*		*Limits: 60-125 %*	*1*	*05/16/19*	*EPA 8082A*	
DP-12(1-12) (A9E0401-38)				**Matrix: Soil**			**Batch: 9050884**	**C-07**
Aroclor 1016	ND	---	0.0132	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1221	ND	---	0.0132	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1232	ND	---	0.0132	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1242	ND	---	0.0132	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1248	ND	---	0.0132	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1254	ND	---	0.0132	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1260	ND	---	0.0132	mg/kg dry	1	05/16/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 82 %*		*Limits: 60-125 %*	*1*	*05/16/19*	*EPA 8082A*	
DP-12(12-13) (A9E0401-40)				**Matrix: Soil**			**Batch: 9050884**	**C-07**
Aroclor 1016	ND	---	0.0112	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1221	ND	---	0.0112	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1232	ND	---	0.0112	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1242	ND	---	0.0112	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1248	ND	---	0.0112	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1254	ND	---	0.0112	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1260	ND	---	0.0112	mg/kg dry	1	05/16/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 91 %*		*Limits: 60-125 %*	*1*	*05/16/19*	*EPA 8082A*	

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polychlorinated Biphenyls by EPA 8082A

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-12(16-17) (A9E0401-41)				**Matrix: Soil**			**Batch: 9050884**	**C-07**
Aroclor 1016	ND	---	0.0108	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1221	ND	---	0.0108	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1232	ND	---	0.0108	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1242	ND	---	0.0108	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1248	ND	---	0.0108	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1254	ND	---	0.0108	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1260	ND	---	0.0108	mg/kg dry	1	05/16/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 85 %*		*Limits: 60-125 %*	*1*	*05/16/19*	*EPA 8082A*	
DP-13(4-5) (A9E0401-42)				**Matrix: Soil**			**Batch: 9050884**	**C-07**
Aroclor 1016	ND	---	0.0123	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1221	ND	---	0.0123	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1232	ND	---	0.0123	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1242	ND	---	0.0123	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1248	ND	---	0.0123	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1254	ND	---	0.0123	mg/kg dry	1	05/16/19	EPA 8082A	
Aroclor 1260	ND	---	0.0123	mg/kg dry	1	05/16/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 86 %*		*Limits: 60-125 %*	*1*	*05/16/19*	*EPA 8082A*	
DP-13(9-10) (A9E0401-44)				**Matrix: Soil**			**Batch: 9050926**	**C-07**
Aroclor 1016	ND	---	0.0118	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1221	ND	---	0.0118	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1232	ND	---	0.0118	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1242	ND	---	0.0118	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1248	ND	---	0.0118	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1254	ND	---	0.0118	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1260	ND	---	0.0118	mg/kg dry	1	05/17/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 85 %*		*Limits: 60-125 %*	*1*	*05/17/19*	*EPA 8082A*	
DP-14(2-3) (A9E0401-46)				**Matrix: Soil**			**Batch: 9050926**	**C-07**
Aroclor 1016	ND	---	0.0132	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1221	ND	---	0.0132	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1232	ND	---	0.0132	mg/kg dry	1	05/17/19	EPA 8082A	

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polychlorinated Biphenyls by EPA 8082A

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-14(2-3) (A9E0401-46)				**Matrix: Soil**			**Batch: 9050926**	**C-07**
Aroclor 1242	ND	---	0.0132	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1248	ND	---	0.0132	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1254	ND	---	0.0132	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1260	ND	---	0.0132	mg/kg dry	1	05/17/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 84 %*		*Limits: 60-125 %*	*1*	*05/17/19*	*EPA 8082A*	
DP-14(11-12) (A9E0401-48)				**Matrix: Soil**			**Batch: 9050926**	**C-07**
Aroclor 1016	ND	---	0.0131	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1221	ND	---	0.0131	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1232	ND	---	0.0131	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1242	ND	---	0.0131	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1248	ND	---	0.0131	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1254	ND	---	0.0131	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1260	ND	---	0.0131	mg/kg dry	1	05/17/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 93 %*		*Limits: 60-125 %*	*1*	*05/17/19*	*EPA 8082A*	
DP-15(4-5) (A9E0401-49)				**Matrix: Soil**			**Batch: 9050926**	**C-07**
Aroclor 1016	ND	---	0.0129	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1221	ND	---	0.0129	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1232	ND	---	0.0129	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1242	ND	---	0.0129	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1248	ND	---	0.0129	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1254	ND	---	0.0129	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1260	ND	---	0.0129	mg/kg dry	1	05/17/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 90 %*		*Limits: 60-125 %*	*1*	*05/17/19*	*EPA 8082A*	
DP-16(2-3) (A9E0401-52)				**Matrix: Soil**			**Batch: 9050926**	**C-07**
Aroclor 1016	ND	---	0.0127	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1221	ND	---	0.0127	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1232	ND	---	0.0127	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1242	ND	---	0.0127	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1248	ND	---	0.0127	mg/kg dry	1	05/17/19	EPA 8082A	
Aroclor 1254	ND	---	0.0127	mg/kg dry	1	05/17/19	EPA 8082A	

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polychlorinated Biphenyls by EPA 8082A

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-16(2-3) (A9E0401-52)				**Matrix: Soil**			**Batch: 9050926**	**C-07**
Aroclor 1260	ND	---	0.0127	mg/kg dry	1	05/17/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 87 %*		*Limits: 60-125 %*	*1*	*05/17/19*	*EPA 8082A*	

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-1(0.5-1.5) (A9E0401-01)				**Matrix: Soil**			**Batch: 9050815**	
Acenaphthene	ND	---	0.0103	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.0103	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.0103	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benz(a)anthracene	**0.0217**	---	0.0103	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	**M-05**
Benzo(a)pyrene	**0.0211**	---	0.0103	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	**0.0315**	---	0.0103	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	**M-05**
Benzo(k)fluoranthene	ND	---	0.0103	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	**0.0201**	---	0.0103	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Chrysene	**0.0283**	---	0.0103	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	**M-05**
Dibenz(a,h)anthracene	ND	---	0.0103	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.0103	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Fluoranthene	**0.0407**	---	0.0103	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.0103	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	**0.0181**	---	0.0103	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.0103	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.0103	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.0103	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Phenanthrene	**0.0256**	---	0.0103	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Pyrene	**0.0508**	---	0.0103	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*71 %*	*Limits: 44-120 %*	*1*	*05/14/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*66 %*	*54-127 %*	*1*	*05/14/19*	*EPA 8270D (SIM)*	
DP-1(11.5-12.5) (A9E0401-03)				**Matrix: Soil**			**Batch: 9050815**	
Acenaphthene	ND	---	0.00973	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.00973	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.00973	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.00973	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.00973	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.00973	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.00973	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.00973	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.00973	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.00973	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	

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Philip Nerenberg, Lab Director

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Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-1(11.5-12.5) (A9E0401-03)				**Matrix: Soil**			**Batch: 9050815**	
Dibenzofuran	ND	---	0.00973	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.00973	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.00973	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.00973	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.00973	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.00973	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.00973	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.00973	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.00973	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*77 %*	*Limits: 44-120 %*	*1*	*05/14/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*76 %*	*54-127 %*	*1*	*05/14/19*	*EPA 8270D (SIM)*	
DP-2(1-2) (A9E0401-04)				**Matrix: Soil**			**Batch: 9050855**	
Acenaphthene	ND	---	0.0107	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.0107	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.0107	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.0107	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.0107	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.0107	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.0107	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.0107	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.0107	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.0107	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.0107	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.0107	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.0107	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.0107	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.0107	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.0107	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.0107	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.0107	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.0107	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*72 %*	*Limits: 44-120 %*	*1*	*05/15/19*	*EPA 8270D (SIM)*	

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GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-2(1-2) (A9E0401-04)				**Matrix: Soil**			**Batch: 9050855**	
Surrogate: p-Terphenyl-d14 (Surr)			*Recovery: 71 %*	*Limits: 54-127 %*	*1*	*05/15/19*	*EPA 8270D (SIM)*	
DP-2(12-13) (A9E0401-06)				**Matrix: Soil**			**Batch: 9050855**	
Acenaphthene	ND	---	0.0123	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.0123	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.0123	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.0123	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.0123	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.0123	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.0123	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.0123	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.0123	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.0123	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.0123	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.0123	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.0123	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.0123	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.0123	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.0123	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.0123	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.0123	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.0123	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)			*Recovery: 71 %*	*Limits: 44-120 %*	*1*	*05/16/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*68 %*	*54-127 %*	*1*	*05/16/19*	*EPA 8270D (SIM)*	
DP-3(1-2) (A9E0401-07)				**Matrix: Soil**			**Batch: 9050855**	
Acenaphthene	ND	---	0.0106	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.0106	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.0106	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.0106	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.0106	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.0106	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.0106	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.0106	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-3(1-2) (A9E0401-07)				**Matrix: Soil**			**Batch: 9050855**	
Chrysene	ND	---	0.0106	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.0106	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.0106	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.0106	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.0106	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.0106	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.0106	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.0106	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.0106	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.0106	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.0106	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*71 %*	*Limits: 44-120 %*	*1*	*05/16/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*63 %*	*54-127 %*	*1*	*05/16/19*	*EPA 8270D (SIM)*	
DP-3(12-13) (A9E0401-09)				**Matrix: Soil**			**Batch: 9050855**	
Acenaphthene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-3(12-13) (A9E0401-09)				**Matrix: Soil**			**Batch: 9050855**	
Pyrene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*73 %*	*Limits: 44-120 %*	*1*	*05/16/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*67 %*	*54-127 %*	*1*	*05/16/19*	*EPA 8270D (SIM)*	
DP-4(0.5-1.5) (A9E0401-10)				**Matrix: Soil**			**Batch: 9050855**	
Acenaphthene	**0.0127**	---	0.0111	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Acenaphthylene	**0.197**	---	0.0111	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Anthracene	**0.0842**	---	0.0111	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Benz(a)anthracene	**0.343**	---	0.0111	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Benzo(a)pyrene	**0.682**	---	0.0111	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	**0.779**	---	0.0111	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	**M-05**
Benzo(k)fluoranthene	**0.206**	---	0.0111	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	**M-05**
Benzo(g,h,i)perylene	**0.703**	---	0.0111	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Chrysene	**0.705**	---	0.0111	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	**0.0730**	---	0.0111	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.0111	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Fluoranthene	**1.67**	---	0.0111	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Fluorene	**0.0605**	---	0.0111	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	**0.604**	---	0.0111	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
1-Methylnaphthalene	**0.0364**	---	0.0111	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
2-Methylnaphthalene	**0.0267**	---	0.0111	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Naphthalene	**0.0859**	---	0.0111	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Phenanthrene	**1.26**	---	0.0111	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Pyrene	**2.15**	---	0.0111	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*77 %*	*Limits: 44-120 %*	*1*	*05/16/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*69 %*	*54-127 %*	*1*	*05/16/19*	*EPA 8270D (SIM)*	
DP-4(8-9) (A9E0401-11)				**Matrix: Soil**			**Batch: 9050855**	
Acenaphthene	ND	---	0.0117	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.0117	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.0117	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.0117	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.0117	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-4(8-9) (A9E0401-11)				**Matrix: Soil**			**Batch: 9050855**	
Benzo(b)fluoranthene	ND	---	0.0117	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.0117	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.0117	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.0117	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.0117	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.0117	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.0117	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.0117	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.0117	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.0117	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.0117	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.0117	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.0117	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.0117	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*74 %*	*Limits: 44-120 %*	*1*	*05/16/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*65 %*	*54-127 %*	*1*	*05/16/19*	*EPA 8270D (SIM)*	
DP-4(11.5-12.5) (A9E0401-12RE1)				**Matrix: Soil**			**Batch: 9051116**	
Acenaphthene	ND	---	0.0111	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.0111	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.0111	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.0111	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.0111	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.0111	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.0111	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.0111	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.0111	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.0111	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.0111	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.0111	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.0111	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.0111	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.0111	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-4(11.5-12.5) (A9E0401-12RE1)				**Matrix: Soil**			**Batch: 9051116**	
2-Methylnaphthalene	ND	---	0.0111	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.0111	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.0111	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.0111	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*59 %*	*Limits: 44-120 %*	*1*	*05/22/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*64 %*	*54-127 %*	*1*	*05/22/19*	*EPA 8270D (SIM)*	
DP-5(1-2) (A9E0401-16)				**Matrix: Soil**			**Batch: 9050855**	
Acenaphthene	ND	---	0.0122	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.0122	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.0122	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.0122	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.0122	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.0122	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.0122	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.0122	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.0122	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.0122	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.0122	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.0122	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.0122	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.0122	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.0122	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.0122	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.0122	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.0122	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.0122	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*68 %*	*Limits: 44-120 %*	*1*	*05/17/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*61 %*	*54-127 %*	*1*	*05/17/19*	*EPA 8270D (SIM)*	
DP-5(8.5-9.5) (A9E0401-17)				**Matrix: Soil**			**Batch: 9050855**	
Acenaphthene	ND	---	0.0113	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.0113	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.0113	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	

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Philip Nerenberg, Lab Director

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6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-5(8.5-9.5) (A9E0401-17)				**Matrix: Soil**			**Batch: 9050855**	
Benz(a)anthracene	ND	---	0.0113	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.0113	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.0113	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.0113	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.0113	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.0113	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.0113	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.0113	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.0113	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.0113	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.0113	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.0113	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.0113	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.0113	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.0113	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.0113	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*76 %*	*Limits: 44-120 %*	*1*	*05/17/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*66 %*	*54-127 %*	*1*	*05/17/19*	*EPA 8270D (SIM)*	
DP-5(13-14) (A9E0401-18)				**Matrix: Soil**			**Batch: 9050855**	
Acenaphthene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-5(13-14) (A9E0401-18)				**Matrix: Soil**			**Batch: 9050855**	
Indeno(1,2,3-cd)pyrene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*78 %*	*Limits: 44-120 %*	*1*	*05/17/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*68 %*	*54-127 %*	*1*	*05/17/19*	*EPA 8270D (SIM)*	
DP-6(1-2) (A9E0401-19)				**Matrix: Soil**			**Batch: 9050855**	
Acenaphthene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*73 %*	*Limits: 44-120 %*	*1*	*05/17/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*62 %*	*54-127 %*	*1*	*05/17/19*	*EPA 8270D (SIM)*	
DP-6(8-9) (A9E0401-20)				**Matrix: Soil**			**Batch: 9050855**	
Acenaphthene	ND	---	0.0118	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	

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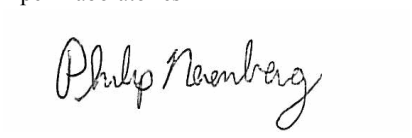

Philip Nerenberg, Lab Director

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GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-6(8-9) (A9E0401-20)				**Matrix: Soil**			**Batch: 9050855**	
Acenaphthylene	ND	---	0.0118	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.0118	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.0118	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.0118	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.0118	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.0118	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.0118	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.0118	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.0118	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.0118	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.0118	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.0118	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.0118	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.0118	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.0118	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.0118	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.0118	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.0118	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*74 %*	*Limits: 44-120 %*	*1*	*05/17/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*61 %*	*54-127 %*	*1*	*05/17/19*	*EPA 8270D (SIM)*	
DP-6(12.5-13.5) (A9E0401-21)				**Matrix: Soil**			**Batch: 9050855**	
Acenaphthene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	

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GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-6(12.5-13.5) (A9E0401-21)				**Matrix: Soil**			**Batch: 9050855**	
Fluoranthene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.0109	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*70 %*	*Limits: 44-120 %*	*1*	*05/17/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*61 %*	*54-127 %*	*1*	*05/17/19*	*EPA 8270D (SIM)*	
DP-7(1-2) (A9E0401-22)				**Matrix: Soil**			**Batch: 9050855**	
Acenaphthene	ND	---	0.0104	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.0104	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.0104	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.0104	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.0104	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.0104	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.0104	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.0104	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.0104	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.0104	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.0104	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.0104	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.0104	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.0104	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.0104	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.0104	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.0104	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.0104	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.0104	mg/kg dry	1	05/17/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*76 %*	*Limits: 44-120 %*	*1*	*05/17/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*70 %*	*54-127 %*	*1*	*05/17/19*	*EPA 8270D (SIM)*	

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Philip Nerenberg, Lab Director

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GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-7(6.5-7.5) (A9E0401-23)				**Matrix: Soil**			**Batch: 9050917**	
Acenaphthene	ND	---	0.00959	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.00959	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.00959	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.00959	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.00959	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.00959	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.00959	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.00959	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.00959	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.00959	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.00959	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.00959	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.00959	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.00959	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.00959	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.00959	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.00959	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.00959	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.00959	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*75 %*	*Limits: 44-120 %*	*1*	*05/15/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*75 %*	*54-127 %*	*1*	*05/15/19*	*EPA 8270D (SIM)*	
DP-7(11.5-12.5) (A9E0401-24)				**Matrix: Soil**			**Batch: 9050917**	
Acenaphthene	ND	---	0.0104	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.0104	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.0104	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.0104	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.0104	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.0104	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.0104	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.0104	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.0104	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.0104	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	

Apex Laboratories

Philip Nerenberg, Lab Director

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Tigard, OR 97223
503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-7(11.5-12.5) (A9E0401-24)				**Matrix: Soil**			**Batch: 9050917**	
Dibenzofuran	ND	---	0.0104	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.0104	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.0104	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.0104	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.0104	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.0104	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.0104	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.0104	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.0104	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*68 %*	*Limits: 44-120 %*	*1*	*05/16/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*64 %*	*54-127 %*	*1*	*05/16/19*	*EPA 8270D (SIM)*	
DP-8(1.5-2.5) (A9E0401-25)				**Matrix: Soil**			**Batch: 9050917**	
Acenaphthene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.0119	mg/kg dry	1	05/16/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*68 %*	*Limits: 44-120 %*	*1*	*05/16/19*	*EPA 8270D (SIM)*	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-8(1.5-2.5) (A9E0401-25)				**Matrix: Soil**			**Batch: 9050917**	
Surrogate: p-Terphenyl-d14 (Surr)		*Recovery: 70 %*	*Limits: 54-127 %*		*1*	*05/16/19*	*EPA 8270D (SIM)*	
DP-8(8-9) (A9E0401-26)				**Matrix: Soil**			**Batch: 9050815**	
Acenaphthene	ND	---	0.0104	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.0104	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.0104	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.0104	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.0104	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.0104	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.0104	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.0104	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.0104	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.0104	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.0104	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.0104	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.0104	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.0104	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.0104	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.0104	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.0104	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.0104	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.0104	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery: 68 %*	*Limits: 44-120 %*		*1*	*05/14/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*66 %*	*54-127 %*	*1*	*05/14/19*	*EPA 8270D (SIM)*	
DP-8(11.5-12.5) (A9E0401-27)				**Matrix: Soil**			**Batch: 9050815**	
Acenaphthene	ND	---	0.00971	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.00971	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.00971	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.00971	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.00971	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.00971	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.00971	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.00971	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	

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GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-8(11.5-12.5) (A9E0401-27)				**Matrix: Soil**			**Batch: 9050815**	
Chrysene	ND	---	0.00971	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.00971	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.00971	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.00971	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.00971	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.00971	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.00971	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.00971	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.00971	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.00971	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.00971	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*68 %*	*Limits: 44-120 %*	*1*	*05/14/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*68 %*	*54-127 %*	*1*	*05/14/19*	*EPA 8270D (SIM)*	
DP-9(1-2) (A9E0401-28)				**Matrix: Soil**			**Batch: 9050815**	
Acenaphthene	ND	---	0.0123	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.0123	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.0123	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.0123	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.0123	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.0123	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.0123	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.0123	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.0123	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.0123	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.0123	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.0123	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.0123	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.0123	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.0123	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.0123	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.0123	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.0123	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-9(1-2) (A9E0401-28)				**Matrix: Soil**			**Batch: 9050815**	
Pyrene	ND	---	0.0123	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*76 %*	*Limits: 44-120 %*	*1*	*05/14/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*78 %*	*54-127 %*	*1*	*05/14/19*	*EPA 8270D (SIM)*	
DP-9(8-9) (A9E0401-29)				**Matrix: Soil**			**Batch: 9050815**	
Acenaphthene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*75 %*	*Limits: 44-120 %*	*1*	*05/14/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*73 %*	*54-127 %*	*1*	*05/14/19*	*EPA 8270D (SIM)*	
DP-10(2-3) (A9E0401-31)				**Matrix: Soil**			**Batch: 9050815**	
Acenaphthene	ND	---	0.00998	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.00998	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.00998	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.00998	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.00998	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.00998	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	

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Philip Nerenberg, Lab Director

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GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-10(2-3) (A9E0401-31)				**Matrix: Soil**			**Batch: 9050815**	
Benzo(k)fluoranthene	ND	---	0.00998	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	**0.0135**	---	0.00998	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.00998	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.00998	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.00998	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.00998	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.00998	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	**0.0140**	---	0.00998	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.00998	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.00998	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.00998	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.00998	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.00998	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*78 %*	*Limits: 44-120 %*	*1*	*05/14/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*74 %*	*54-127 %*	*1*	*05/14/19*	*EPA 8270D (SIM)*	
DP-10(13-14) (A9E0401-33)				**Matrix: Soil**			**Batch: 9050815**	
Acenaphthene	ND	---	0.0115	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.0115	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.0115	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.0115	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.0115	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.0115	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.0115	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.0115	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.0115	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.0115	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.0115	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.0115	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.0115	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.0115	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.0115	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.0115	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	

Apex Laboratories

Philip Nerenberg, Lab Director

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6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-10(13-14) (A9E0401-33)				**Matrix: Soil**			**Batch: 9050815**	
Naphthalene	ND	---	0.0115	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.0115	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.0115	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*79 %*	*Limits: 44-120 %*	*1*	*05/14/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*77 %*	*54-127 %*	*1*	*05/14/19*	*EPA 8270D (SIM)*	
DP-11(3-4) (A9E0401-34)				**Matrix: Soil**			**Batch: 9050815**	
Acenaphthene	ND	---	0.0116	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.0116	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.0116	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.0116	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.0116	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.0116	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.0116	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.0116	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.0116	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.0116	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.0116	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.0116	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.0116	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.0116	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.0116	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.0116	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.0116	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.0116	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.0116	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*76 %*	*Limits: 44-120 %*	*1*	*05/14/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*75 %*	*54-127 %*	*1*	*05/14/19*	*EPA 8270D (SIM)*	
DP-11(10-11) (A9E0401-36)				**Matrix: Soil**			**Batch: 9050815**	
Acenaphthene	ND	---	0.00983	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.00983	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.00983	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.00983	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	

Apex Laboratories

Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-11(10-11) (A9E0401-36)				**Matrix: Soil**			**Batch: 9050815**	
Benzo(a)pyrene	ND	---	0.00983	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.00983	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.00983	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.00983	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.00983	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.00983	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.00983	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.00983	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.00983	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.00983	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.00983	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.00983	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.00983	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.00983	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.00983	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*70 %*	*Limits: 44-120 %*	*1*	*05/14/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*67 %*	*54-127 %*	*1*	*05/14/19*	*EPA 8270D (SIM)*	
DP-11(18-19) (A9E0401-37)				**Matrix: Soil**			**Batch: 9050815**	
Acenaphthene	ND	---	0.00943	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.00943	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.00943	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.00943	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.00943	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.00943	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.00943	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.00943	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.00943	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.00943	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.00943	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.00943	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.00943	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.00943	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-11(18-19) (A9E0401-37)				**Matrix: Soil**			**Batch: 9050815**	
1-Methylnaphthalene	ND	---	0.00943	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.00943	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.00943	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.00943	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.00943	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*77 %*	*Limits: 44-120 %*	*1*	*05/14/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*75 %*	*54-127 %*	*1*	*05/14/19*	*EPA 8270D (SIM)*	
DP-12(1-12) (A9E0401-38)				**Matrix: Soil**			**Batch: 9050815**	
Acenaphthene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*78 %*	*Limits: 44-120 %*	*1*	*05/15/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*74 %*	*54-127 %*	*1*	*05/15/19*	*EPA 8270D (SIM)*	
DP-12(12-13) (A9E0401-40)				**Matrix: Soil**			**Batch: 9050815**	
Acenaphthene	ND	---	0.0103	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.0103	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-12(12-13) (A9E0401-40)				**Matrix: Soil**			**Batch: 9050815**	
Anthracene	ND	---	0.0103	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.0103	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.0103	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.0103	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.0103	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.0103	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.0103	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.0103	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.0103	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.0103	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.0103	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.0103	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.0103	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.0103	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.0103	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.0103	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.0103	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*78 %*	*Limits: 44-120 %*	*1*	*05/15/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*77 %*	*54-127 %*	*1*	*05/15/19*	*EPA 8270D (SIM)*	
DP-12(16-17) (A9E0401-41)				**Matrix: Soil**			**Batch: 9050815**	
Acenaphthene	ND	---	0.00992	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.00992	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.00992	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.00992	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.00992	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.00992	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.00992	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.00992	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.00992	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.00992	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.00992	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.00992	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-12(16-17) (A9E0401-41)				**Matrix: Soil**			**Batch: 9050815**	
Fluorene	ND	---	0.00992	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.00992	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.00992	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.00992	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.00992	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.00992	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.00992	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*76 %*	*Limits: 44-120 %*	*1*	*05/15/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*75 %*	*54-127 %*	*1*	*05/15/19*	*EPA 8270D (SIM)*	
DP-13(4-5) (A9E0401-42)				**Matrix: Soil**			**Batch: 9050815**	
Acenaphthene	ND	---	0.0115	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.0115	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.0115	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.0115	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.0115	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.0115	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.0115	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.0115	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.0115	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.0115	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.0115	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.0115	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.0115	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.0115	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.0115	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.0115	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.0115	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.0115	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.0115	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*75 %*	*Limits: 44-120 %*	*1*	*05/15/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*70 %*	*54-127 %*	*1*	*05/15/19*	*EPA 8270D (SIM)*	
DP-13(9-10) (A9E0401-44)				**Matrix: Soil**			**Batch: 9050815**	

Apex Laboratories

Philip Nerenberg, Lab Director

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6700 S.W. Sandburg Street
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503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-13(9-10) (A9E0401-44)				**Matrix: Soil**			**Batch: 9050815**	
Acenaphthene	ND	---	0.0104	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.0104	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.0104	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.0104	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.0104	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.0104	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.0104	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.0104	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.0104	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.0104	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.0104	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.0104	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.0104	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.0104	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.0104	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.0104	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.0104	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.0104	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.0104	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*68 %*	*Limits: 44-120 %*	*1*	*05/15/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*68 %*	*54-127 %*	*1*	*05/15/19*	*EPA 8270D (SIM)*	
DP-14(2-3) (A9E0401-46)				**Matrix: Soil**			**Batch: 9050815**	
Acenaphthene	ND	---	0.0124	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.0124	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.0124	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.0124	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.0124	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.0124	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.0124	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.0124	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.0124	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.0124	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	

Apex Laboratories

Philip Nerenberg

Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-14(2-3) (A9E0401-46)				**Matrix: Soil**			**Batch: 9050815**	
Dibenzofuran	ND	---	0.0124	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.0124	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.0124	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.0124	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.0124	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.0124	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.0124	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.0124	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.0124	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*77 %*	*Limits: 44-120 %*	*1*	*05/15/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*76 %*	*54-127 %*	*1*	*05/15/19*	*EPA 8270D (SIM)*	
DP-14(11-12) (A9E0401-48)				**Matrix: Soil**			**Batch: 9050815**	
Acenaphthene	ND	---	0.0116	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.0116	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.0116	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.0116	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.0116	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.0116	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.0116	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.0116	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.0116	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.0116	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.0116	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.0116	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.0116	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.0116	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.0116	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.0116	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.0116	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.0116	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.0116	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*78 %*	*Limits: 44-120 %*	*1*	*05/15/19*	*EPA 8270D (SIM)*	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-14(11-12) (A9E0401-48)				**Matrix: Soil**			**Batch: 9050815**	
Surrogate: p-Terphenyl-d14 (Surr)			*Recovery: 77 %*	*Limits: 54-127 %*	*1*	*05/15/19*	*EPA 8270D (SIM)*	
DP-15(4-5) (A9E0401-49)				**Matrix: Soil**			**Batch: 9050815**	
Acenaphthene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.0113	mg/kg dry	1	05/14/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)			*Recovery: 76 %*	*Limits: 44-120 %*	*1*	*05/14/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*73 %*	*54-127 %*	*1*	*05/14/19*	*EPA 8270D (SIM)*	
DP-16(2-3) (A9E0401-52)				**Matrix: Soil**			**Batch: 9050917**	
Acenaphthene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	

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GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-16(2-3) (A9E0401-52)				**Matrix: Soil**			**Batch: 9050917**	
Chrysene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.0119	mg/kg dry	1	05/15/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*73 %*	*Limits: 44-120 %*	*1*	*05/15/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*76 %*	*54-127 %*	*1*	*05/15/19*	*EPA 8270D (SIM)*	

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Total Metals by EPA 6020A (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-1(0.5-1.5) (A9E0401-01)				**Matrix: Soil**				
Batch: 9051090								
Arsenic	**5.38**	---	1.32	mg/kg dry	10	05/21/19	EPA 6020A	
Barium	**179**	---	1.32	mg/kg dry	10	05/21/19	EPA 6020A	
Cadmium	**0.358**	---	0.264	mg/kg dry	10	05/21/19	EPA 6020A	
Chromium	**19.1**	---	1.32	mg/kg dry	10	05/21/19	EPA 6020A	
Lead	**10.8**	---	0.264	mg/kg dry	10	05/21/19	EPA 6020A	
Mercury	ND	---	0.105	mg/kg dry	10	05/21/19	EPA 6020A	
Selenium	ND	---	1.32	mg/kg dry	10	05/21/19	EPA 6020A	
Silver	ND	---	0.264	mg/kg dry	10	05/21/19	EPA 6020A	
DP-1(11.5-12.5) (A9E0401-03)				**Matrix: Soil**				
Batch: 9051090								
Arsenic	**3.90**	---	1.20	mg/kg dry	10	05/21/19	EPA 6020A	
Barium	**122**	---	1.20	mg/kg dry	10	05/21/19	EPA 6020A	
Cadmium	**0.805**	---	0.241	mg/kg dry	10	05/21/19	EPA 6020A	
Chromium	**10.6**	---	1.20	mg/kg dry	10	05/21/19	EPA 6020A	
Lead	**7.02**	---	0.241	mg/kg dry	10	05/21/19	EPA 6020A	
Mercury	ND	---	0.0964	mg/kg dry	10	05/21/19	EPA 6020A	
Selenium	ND	---	1.20	mg/kg dry	10	05/21/19	EPA 6020A	
Silver	ND	---	0.241	mg/kg dry	10	05/21/19	EPA 6020A	
DP-2(1-2) (A9E0401-04)				**Matrix: Soil**				
Batch: 9051090								
Arsenic	**12.0**	---	1.30	mg/kg dry	10	05/21/19	EPA 6020A	
Barium	**187**	---	1.30	mg/kg dry	10	05/21/19	EPA 6020A	
Cadmium	**0.534**	---	0.260	mg/kg dry	10	05/21/19	EPA 6020A	
Chromium	**24.4**	---	1.30	mg/kg dry	10	05/21/19	EPA 6020A	
Lead	**14.0**	---	0.260	mg/kg dry	10	05/21/19	EPA 6020A	
Mercury	ND	---	0.104	mg/kg dry	10	05/21/19	EPA 6020A	
Selenium	ND	---	1.30	mg/kg dry	10	05/21/19	EPA 6020A	
Silver	ND	---	0.260	mg/kg dry	10	05/21/19	EPA 6020A	
DP-2(12-13) (A9E0401-06)				**Matrix: Soil**				
Batch: 9051090								

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GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Total Metals by EPA 6020A (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-2(12-13) (A9E0401-06)				**Matrix: Soil**				
Arsenic	**5.80**	---	1.38	mg/kg dry	10	05/21/19	EPA 6020A	
Barium	**151**	---	1.38	mg/kg dry	10	05/21/19	EPA 6020A	
Cadmium	**0.931**	---	0.276	mg/kg dry	10	05/21/19	EPA 6020A	
Chromium	**17.6**	---	1.38	mg/kg dry	10	05/21/19	EPA 6020A	
Lead	**8.53**	---	0.276	mg/kg dry	10	05/21/19	EPA 6020A	
Mercury	ND	---	0.110	mg/kg dry	10	05/21/19	EPA 6020A	
Selenium	ND	---	1.38	mg/kg dry	10	05/21/19	EPA 6020A	
Silver	ND	---	0.276	mg/kg dry	10	05/21/19	EPA 6020A	
DP-3(1-2) (A9E0401-07)				**Matrix: Soil**				
Batch: 9051090								
Arsenic	**11.7**	---	1.34	mg/kg dry	10	05/21/19	EPA 6020A	
Barium	**215**	---	1.34	mg/kg dry	10	05/21/19	EPA 6020A	
Cadmium	**0.615**	---	0.268	mg/kg dry	10	05/21/19	EPA 6020A	
Chromium	**26.1**	---	1.34	mg/kg dry	10	05/21/19	EPA 6020A	
Lead	**14.9**	---	0.268	mg/kg dry	10	05/21/19	EPA 6020A	
Mercury	ND	---	0.107	mg/kg dry	10	05/21/19	EPA 6020A	
Selenium	ND	---	1.34	mg/kg dry	10	05/21/19	EPA 6020A	
Silver	ND	---	0.268	mg/kg dry	10	05/21/19	EPA 6020A	
DP-3(12-13) (A9E0401-09)				**Matrix: Soil**				
Batch: 9051090								
Arsenic	**5.35**	---	1.38	mg/kg dry	10	05/21/19	EPA 6020A	
Barium	**150**	---	1.38	mg/kg dry	10	05/21/19	EPA 6020A	
Cadmium	**0.698**	---	0.277	mg/kg dry	10	05/21/19	EPA 6020A	
Chromium	**16.4**	---	1.38	mg/kg dry	10	05/21/19	EPA 6020A	
Lead	**8.83**	---	0.277	mg/kg dry	10	05/21/19	EPA 6020A	
Mercury	ND	---	0.111	mg/kg dry	10	05/21/19	EPA 6020A	
Selenium	ND	---	1.38	mg/kg dry	10	05/21/19	EPA 6020A	
Silver	ND	---	0.277	mg/kg dry	10	05/21/19	EPA 6020A	
DP-4(0.5-1.5) (A9E0401-10)				**Matrix: Soil**				
Batch: 9051090								
Arsenic	**7.75**	---	1.26	mg/kg dry	10	05/21/19	EPA 6020A	

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Total Metals by EPA 6020A (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-4(0.5-1.5) (A9E0401-10)				**Matrix: Soil**				
Barium	**183**	---	1.26	mg/kg dry	10	05/21/19	EPA 6020A	
Cadmium	**0.431**	---	0.252	mg/kg dry	10	05/21/19	EPA 6020A	
Chromium	**15.0**	---	1.26	mg/kg dry	10	05/21/19	EPA 6020A	
Lead	**194**	---	0.252	mg/kg dry	10	05/21/19	EPA 6020A	
Mercury	ND	---	0.101	mg/kg dry	10	05/21/19	EPA 6020A	
Selenium	ND	---	1.26	mg/kg dry	10	05/21/19	EPA 6020A	
Silver	ND	---	0.252	mg/kg dry	10	05/21/19	EPA 6020A	
DP-4(8-9) (A9E0401-11)				**Matrix: Soil**				
Batch: 9051090								
Arsenic	**8.87**	---	1.43	mg/kg dry	10	05/21/19	EPA 6020A	
Barium	**186**	---	1.43	mg/kg dry	10	05/21/19	EPA 6020A	
Cadmium	**1.05**	---	0.286	mg/kg dry	10	05/21/19	EPA 6020A	
Chromium	**21.0**	---	1.43	mg/kg dry	10	05/21/19	EPA 6020A	
Lead	**11.9**	---	0.286	mg/kg dry	10	05/21/19	EPA 6020A	
Mercury	ND	---	0.114	mg/kg dry	10	05/21/19	EPA 6020A	
Selenium	ND	---	1.43	mg/kg dry	10	05/21/19	EPA 6020A	
Silver	ND	---	0.286	mg/kg dry	10	05/21/19	EPA 6020A	
DP-4(11.5-12.5) (A9E0401-12)				**Matrix: Soil**				
Batch: 9051132								
Arsenic	**4.16**	---	1.24	mg/kg dry	10	05/22/19	EPA 6020A	
Barium	**122**	---	1.24	mg/kg dry	10	05/22/19	EPA 6020A	
Cadmium	**0.693**	---	0.248	mg/kg dry	10	05/22/19	EPA 6020A	
Chromium	**11.1**	---	1.24	mg/kg dry	10	05/22/19	EPA 6020A	
Lead	**6.64**	---	0.248	mg/kg dry	10	05/22/19	EPA 6020A	
Mercury	ND	---	0.0991	mg/kg dry	10	05/22/19	EPA 6020A	
Selenium	ND	---	1.24	mg/kg dry	10	05/22/19	EPA 6020A	
Silver	ND	---	0.248	mg/kg dry	10	05/22/19	EPA 6020A	
DP-5(1-2) (A9E0401-16)				**Matrix: Soil**				
Batch: 9051132								
Arsenic	**9.54**	---	1.36	mg/kg dry	10	05/22/19	EPA 6020A	
Barium	**190**	---	1.36	mg/kg dry	10	05/22/19	EPA 6020A	

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GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Total Metals by EPA 6020A (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-5(1-2) (A9E0401-16)				**Matrix: Soil**				
Cadmium	**0.545**	---	0.273	mg/kg dry	10	05/22/19	EPA 6020A	
Chromium	**21.3**	---	1.36	mg/kg dry	10	05/22/19	EPA 6020A	
Lead	**28.3**	---	0.273	mg/kg dry	10	05/22/19	EPA 6020A	
Mercury	ND	---	0.109	mg/kg dry	10	05/22/19	EPA 6020A	
Selenium	ND	---	1.36	mg/kg dry	10	05/22/19	EPA 6020A	
Silver	ND	---	0.273	mg/kg dry	10	05/22/19	EPA 6020A	
DP-5(8.5-9.5) (A9E0401-17)				**Matrix: Soil**				
Batch: 9051132								
Arsenic	**9.06**	---	1.47	mg/kg dry	10	05/22/19	EPA 6020A	
Barium	**164**	---	1.47	mg/kg dry	10	05/22/19	EPA 6020A	
Cadmium	**0.784**	---	0.293	mg/kg dry	10	05/22/19	EPA 6020A	
Chromium	**23.8**	---	1.47	mg/kg dry	10	05/22/19	EPA 6020A	
Lead	**11.1**	---	0.293	mg/kg dry	10	05/22/19	EPA 6020A	
Mercury	ND	---	0.117	mg/kg dry	10	05/22/19	EPA 6020A	
Selenium	ND	---	1.47	mg/kg dry	10	05/22/19	EPA 6020A	
Silver	ND	---	0.293	mg/kg dry	10	05/22/19	EPA 6020A	
DP-5(13-14) (A9E0401-18)				**Matrix: Soil**				
Batch: 9051132								
Arsenic	**5.67**	---	1.32	mg/kg dry	10	05/22/19	EPA 6020A	
Barium	**157**	---	1.32	mg/kg dry	10	05/22/19	EPA 6020A	
Cadmium	**0.800**	---	0.263	mg/kg dry	10	05/22/19	EPA 6020A	
Chromium	**20.1**	---	1.32	mg/kg dry	10	05/22/19	EPA 6020A	
Lead	**7.32**	---	0.263	mg/kg dry	10	05/22/19	EPA 6020A	
Mercury	ND	---	0.105	mg/kg dry	10	05/22/19	EPA 6020A	
Selenium	ND	---	1.32	mg/kg dry	10	05/22/19	EPA 6020A	
Silver	ND	---	0.263	mg/kg dry	10	05/22/19	EPA 6020A	
DP-6(1-2) (A9E0401-19)				**Matrix: Soil**				
Batch: 9051132								
Arsenic	**13.0**	---	1.32	mg/kg dry	10	05/22/19	EPA 6020A	
Barium	**171**	---	1.32	mg/kg dry	10	05/22/19	EPA 6020A	
Cadmium	**0.634**	---	0.263	mg/kg dry	10	05/22/19	EPA 6020A	

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GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Total Metals by EPA 6020A (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-6(1-2) (A9E0401-19)				**Matrix: Soil**				
Chromium	**25.0**	---	1.32	mg/kg dry	10	05/22/19	EPA 6020A	
Lead	**15.3**	---	0.263	mg/kg dry	10	05/22/19	EPA 6020A	
Mercury	ND	---	0.105	mg/kg dry	10	05/22/19	EPA 6020A	
Selenium	ND	---	1.32	mg/kg dry	10	05/22/19	EPA 6020A	
Silver	ND	---	0.263	mg/kg dry	10	05/22/19	EPA 6020A	
DP-6(8-9) (A9E0401-20)				**Matrix: Soil**				
Batch: 9051132								
Arsenic	**8.43**	---	1.35	mg/kg dry	10	05/22/19	EPA 6020A	
Barium	**178**	---	1.35	mg/kg dry	10	05/22/19	EPA 6020A	
Cadmium	**0.842**	---	0.270	mg/kg dry	10	05/22/19	EPA 6020A	
Chromium	**26.3**	---	1.35	mg/kg dry	10	05/22/19	EPA 6020A	
Lead	**10.5**	---	0.270	mg/kg dry	10	05/22/19	EPA 6020A	
Mercury	ND	---	0.108	mg/kg dry	10	05/22/19	EPA 6020A	
Selenium	ND	---	1.35	mg/kg dry	10	05/22/19	EPA 6020A	
Silver	ND	---	0.270	mg/kg dry	10	05/22/19	EPA 6020A	
DP-6(12.5-13.5) (A9E0401-21)				**Matrix: Soil**				
Batch: 9051132								
Arsenic	**6.21**	---	1.32	mg/kg dry	10	05/22/19	EPA 6020A	
Barium	**145**	---	1.32	mg/kg dry	10	05/22/19	EPA 6020A	
Cadmium	**0.839**	---	0.265	mg/kg dry	10	05/22/19	EPA 6020A	
Chromium	**18.2**	---	1.32	mg/kg dry	10	05/22/19	EPA 6020A	
Lead	**8.40**	---	0.265	mg/kg dry	10	05/22/19	EPA 6020A	
Mercury	ND	---	0.106	mg/kg dry	10	05/22/19	EPA 6020A	
Selenium	ND	---	1.32	mg/kg dry	10	05/22/19	EPA 6020A	
Silver	ND	---	0.265	mg/kg dry	10	05/22/19	EPA 6020A	
DP-7(1-2) (A9E0401-22)				**Matrix: Soil**				
Batch: 9051132								
Arsenic	ND	---	1.10	mg/kg dry	10	05/22/19	EPA 6020A	
Barium	**34.1**	---	1.10	mg/kg dry	10	05/22/19	EPA 6020A	
Cadmium	ND	---	0.220	mg/kg dry	10	05/22/19	EPA 6020A	
Chromium	**4.90**	---	1.10	mg/kg dry	10	05/22/19	EPA 6020A	

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ANALYTICAL SAMPLE RESULTS

Total Metals by EPA 6020A (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-7(1-2) (A9E0401-22)				**Matrix: Soil**				
Lead	**3.06**	---	0.220	mg/kg dry	10	05/22/19	EPA 6020A	
Mercury	ND	---	0.0879	mg/kg dry	10	05/22/19	EPA 6020A	
Selenium	ND	---	1.10	mg/kg dry	10	05/22/19	EPA 6020A	
Silver	ND	---	0.220	mg/kg dry	10	05/22/19	EPA 6020A	
DP-7(6.5-7.5) (A9E0401-23)				**Matrix: Soil**				
Batch: 9051132								
Arsenic	**3.32**	---	1.18	mg/kg dry	10	05/22/19	EPA 6020A	
Barium	**86.8**	---	1.18	mg/kg dry	10	05/22/19	EPA 6020A	
Chromium	**10.9**	---	1.18	mg/kg dry	10	05/22/19	EPA 6020A	
Lead	**14.8**	---	0.236	mg/kg dry	10	05/22/19	EPA 6020A	
Mercury	ND	---	0.0944	mg/kg dry	10	05/22/19	EPA 6020A	
Selenium	ND	---	1.18	mg/kg dry	10	05/22/19	EPA 6020A	
Silver	ND	---	0.236	mg/kg dry	10	05/22/19	EPA 6020A	
DP-7(6.5-7.5) (A9E0401-23RE1)				**Matrix: Soil**				
Batch: 9051132								
Cadmium	**0.413**	---	0.236	mg/kg dry	10	05/28/19	EPA 6020A	
DP-7(11.5-12.5) (A9E0401-24)				**Matrix: Soil**				
Batch: 9051132								
Arsenic	**4.56**	---	1.25	mg/kg dry	10	05/22/19	EPA 6020A	
Barium	**118**	---	1.25	mg/kg dry	10	05/22/19	EPA 6020A	
Cadmium	**0.689**	---	0.250	mg/kg dry	10	05/22/19	EPA 6020A	
Chromium	**11.5**	---	1.25	mg/kg dry	10	05/22/19	EPA 6020A	
Lead	**19.5**	---	0.250	mg/kg dry	10	05/22/19	EPA 6020A	
Mercury	ND	---	0.100	mg/kg dry	10	05/22/19	EPA 6020A	
Selenium	ND	---	1.25	mg/kg dry	10	05/22/19	EPA 6020A	
Silver	ND	---	0.250	mg/kg dry	10	05/22/19	EPA 6020A	
DP-8(1.5-2.5) (A9E0401-25)				**Matrix: Soil**				
Batch: 9051132								
Arsenic	**9.90**	---	1.48	mg/kg dry	10	05/22/19	EPA 6020A	
Barium	**182**	---	1.48	mg/kg dry	10	05/22/19	EPA 6020A	
Cadmium	**0.899**	---	0.296	mg/kg dry	10	05/22/19	EPA 6020A	

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ANALYTICAL SAMPLE RESULTS

Total Metals by EPA 6020A (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-8(1.5-2.5) (A9E0401-25)				**Matrix: Soil**				
Chromium	**21.2**	---	1.48	mg/kg dry	10	05/22/19	EPA 6020A	
Lead	**15.0**	---	0.296	mg/kg dry	10	05/22/19	EPA 6020A	
Mercury	ND	---	0.118	mg/kg dry	10	05/22/19	EPA 6020A	
Selenium	ND	---	1.48	mg/kg dry	10	05/22/19	EPA 6020A	
Silver	ND	---	0.296	mg/kg dry	10	05/22/19	EPA 6020A	
DP-8(8-9) (A9E0401-26)				**Matrix: Soil**				
Batch: 9051132								
Arsenic	**4.36**	---	1.23	mg/kg dry	10	05/22/19	EPA 6020A	
Barium	**132**	---	1.23	mg/kg dry	10	05/22/19	EPA 6020A	
Cadmium	**0.790**	---	0.246	mg/kg dry	10	05/22/19	EPA 6020A	
Chromium	**11.5**	---	1.23	mg/kg dry	10	05/22/19	EPA 6020A	
Lead	**7.56**	---	0.246	mg/kg dry	10	05/22/19	EPA 6020A	
Mercury	ND	---	0.0982	mg/kg dry	10	05/22/19	EPA 6020A	
Selenium	ND	---	1.23	mg/kg dry	10	05/22/19	EPA 6020A	
Silver	ND	---	0.246	mg/kg dry	10	05/22/19	EPA 6020A	
DP-8(11.5-12.5) (A9E0401-27)				**Matrix: Soil**				
Batch: 9051132								
Arsenic	**3.89**	---	1.11	mg/kg dry	10	05/22/19	EPA 6020A	
Barium	**114**	---	1.11	mg/kg dry	10	05/22/19	EPA 6020A	
Cadmium	**0.552**	---	0.222	mg/kg dry	10	05/22/19	EPA 6020A	
Chromium	**11.6**	---	1.11	mg/kg dry	10	05/22/19	EPA 6020A	
Lead	**5.08**	---	0.222	mg/kg dry	10	05/22/19	EPA 6020A	
Mercury	ND	---	0.0889	mg/kg dry	10	05/22/19	EPA 6020A	
Selenium	ND	---	1.11	mg/kg dry	10	05/22/19	EPA 6020A	
Silver	ND	---	0.222	mg/kg dry	10	05/22/19	EPA 6020A	
DP-9(1-2) (A9E0401-28)				**Matrix: Soil**				
Batch: 9051132								
Arsenic	**11.2**	---	1.55	mg/kg dry	10	05/22/19	EPA 6020A	
Barium	**201**	---	1.55	mg/kg dry	10	05/22/19	EPA 6020A	
Cadmium	**0.920**	---	0.311	mg/kg dry	10	05/22/19	EPA 6020A	
Chromium	**22.8**	---	1.55	mg/kg dry	10	05/22/19	EPA 6020A	

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Total Metals by EPA 6020A (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-9(1-2) (A9E0401-28)				**Matrix: Soil**				
Lead	**15.9**	---	0.311	mg/kg dry	10	05/22/19	EPA 6020A	
Mercury	ND	---	0.124	mg/kg dry	10	05/22/19	EPA 6020A	
Selenium	ND	---	1.55	mg/kg dry	10	05/22/19	EPA 6020A	
Silver	ND	---	0.311	mg/kg dry	10	05/22/19	EPA 6020A	
DP-9(8-9) (A9E0401-29)				**Matrix: Soil**				
Batch: 9051132								
Arsenic	**5.36**	---	1.35	mg/kg dry	10	05/22/19	EPA 6020A	
Barium	**140**	---	1.35	mg/kg dry	10	05/22/19	EPA 6020A	
Cadmium	**0.784**	---	0.269	mg/kg dry	10	05/22/19	EPA 6020A	
Chromium	**18.8**	---	1.35	mg/kg dry	10	05/22/19	EPA 6020A	
Lead	**7.96**	---	0.269	mg/kg dry	10	05/22/19	EPA 6020A	
Mercury	ND	---	0.108	mg/kg dry	10	05/22/19	EPA 6020A	
Selenium	ND	---	1.35	mg/kg dry	10	05/22/19	EPA 6020A	
Silver	ND	---	0.269	mg/kg dry	10	05/22/19	EPA 6020A	
DP-10(2-3) (A9E0401-31)				**Matrix: Soil**				
Batch: 9051132								
Arsenic	**7.37**	---	1.27	mg/kg dry	10	05/22/19	EPA 6020A	
Barium	**132**	---	1.27	mg/kg dry	10	05/22/19	EPA 6020A	
Chromium	**19.6**	---	1.27	mg/kg dry	10	05/22/19	EPA 6020A	
Lead	**13.8**	---	0.254	mg/kg dry	10	05/22/19	EPA 6020A	
Mercury	ND	---	0.102	mg/kg dry	10	05/22/19	EPA 6020A	
Selenium	ND	---	1.27	mg/kg dry	10	05/22/19	EPA 6020A	
Silver	ND	---	0.254	mg/kg dry	10	05/22/19	EPA 6020A	
DP-10(2-3) (A9E0401-31RE1)				**Matrix: Soil**				
Batch: 9051132								
Cadmium	ND	---	0.254	mg/kg dry	10	05/28/19	EPA 6020A	
DP-10(13-14) (A9E0401-33)				**Matrix: Soil**				
Batch: 9051132								
Arsenic	**7.11**	---	1.34	mg/kg dry	10	05/22/19	EPA 6020A	
Barium	**208**	---	1.34	mg/kg dry	10	05/22/19	EPA 6020A	
Cadmium	**0.929**	---	0.267	mg/kg dry	10	05/22/19	EPA 6020A	

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Total Metals by EPA 6020A (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-10(13-14) (A9E0401-33)				**Matrix: Soil**				
Chromium	**22.8**	---	1.34	mg/kg dry	10	05/22/19	EPA 6020A	
Lead	**9.44**	---	0.267	mg/kg dry	10	05/22/19	EPA 6020A	
Mercury	ND	---	0.107	mg/kg dry	10	05/22/19	EPA 6020A	
Selenium	ND	---	1.34	mg/kg dry	10	05/22/19	EPA 6020A	
Silver	ND	---	0.267	mg/kg dry	10	05/22/19	EPA 6020A	
DP-11(3-4) (A9E0401-34)				**Matrix: Soil**				
Batch: 9051132								
Arsenic	**9.11**	---	1.38	mg/kg dry	10	05/22/19	EPA 6020A	
Barium	**199**	---	1.38	mg/kg dry	10	05/22/19	EPA 6020A	
Cadmium	**0.624**	---	0.276	mg/kg dry	10	05/22/19	EPA 6020A	
Chromium	**25.1**	---	1.38	mg/kg dry	10	05/22/19	EPA 6020A	
Lead	**13.6**	---	0.276	mg/kg dry	10	05/22/19	EPA 6020A	
Mercury	ND	---	0.110	mg/kg dry	10	05/22/19	EPA 6020A	
Selenium	ND	---	1.38	mg/kg dry	10	05/22/19	EPA 6020A	
Silver	ND	---	0.276	mg/kg dry	10	05/22/19	EPA 6020A	
DP-11(10-11) (A9E0401-36)				**Matrix: Soil**				
Batch: 9051132								
Arsenic	**3.86**	---	1.22	mg/kg dry	10	05/22/19	EPA 6020A	
Barium	**132**	---	1.22	mg/kg dry	10	05/22/19	EPA 6020A	
Cadmium	**0.557**	---	0.245	mg/kg dry	10	05/22/19	EPA 6020A	
Chromium	**12.3**	---	1.22	mg/kg dry	10	05/22/19	EPA 6020A	
Lead	**5.67**	---	0.245	mg/kg dry	10	05/22/19	EPA 6020A	
Mercury	ND	---	0.0980	mg/kg dry	10	05/22/19	EPA 6020A	
Selenium	ND	---	1.22	mg/kg dry	10	05/22/19	EPA 6020A	
Silver	ND	---	0.245	mg/kg dry	10	05/22/19	EPA 6020A	
DP-11(18-19) (A9E0401-37)				**Matrix: Soil**				
Batch: 9051151								
Arsenic	**3.98**	---	1.23	mg/kg dry	10	05/22/19	EPA 6020A	
Barium	**106**	---	1.23	mg/kg dry	10	05/22/19	EPA 6020A	
Cadmium	**0.587**	---	0.246	mg/kg dry	10	05/22/19	EPA 6020A	
Chromium	**11.9**	---	1.23	mg/kg dry	10	05/22/19	EPA 6020A	

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Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Total Metals by EPA 6020A (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-11(18-19) (A9E0401-37)				**Matrix: Soil**				
Lead	**5.57**	---	0.246	mg/kg dry	10	05/22/19	EPA 6020A	
Mercury	ND	---	0.0985	mg/kg dry	10	05/22/19	EPA 6020A	
Selenium	ND	---	1.23	mg/kg dry	10	05/22/19	EPA 6020A	
Silver	ND	---	0.246	mg/kg dry	10	05/22/19	EPA 6020A	
DP-12(1-12) (A9E0401-38)				**Matrix: Soil**				
Batch: 9051151								
Arsenic	**11.3**	---	1.39	mg/kg dry	10	05/22/19	EPA 6020A	
Barium	**176**	---	1.39	mg/kg dry	10	05/22/19	EPA 6020A	
Cadmium	**1.08**	---	0.279	mg/kg dry	10	05/22/19	EPA 6020A	
Chromium	**29.1**	---	1.39	mg/kg dry	10	05/22/19	EPA 6020A	
Lead	**14.2**	---	0.279	mg/kg dry	10	05/22/19	EPA 6020A	
Mercury	ND	---	0.112	mg/kg dry	10	05/22/19	EPA 6020A	
Selenium	ND	---	1.39	mg/kg dry	10	05/22/19	EPA 6020A	
Silver	ND	---	0.279	mg/kg dry	10	05/22/19	EPA 6020A	
DP-12(12-13) (A9E0401-40)				**Matrix: Soil**				
Batch: 9051151								
Arsenic	**4.79**	---	1.23	mg/kg dry	10	05/22/19	EPA 6020A	
Barium	**141**	---	1.23	mg/kg dry	10	05/22/19	EPA 6020A	
Chromium	**15.1**	---	1.23	mg/kg dry	10	05/22/19	EPA 6020A	
Lead	**5.69**	---	0.245	mg/kg dry	10	05/22/19	EPA 6020A	
Mercury	ND	---	0.0981	mg/kg dry	10	05/22/19	EPA 6020A	
Selenium	ND	---	1.23	mg/kg dry	10	05/22/19	EPA 6020A	
Silver	ND	---	0.245	mg/kg dry	10	05/22/19	EPA 6020A	
DP-12(12-13) (A9E0401-40RE1)				**Matrix: Soil**				
Batch: 9051151								
Cadmium	**0.624**	---	0.245	mg/kg dry	10	05/28/19	EPA 6020A	
DP-12(16-17) (A9E0401-41)				**Matrix: Soil**				
Batch: 9051151								
Arsenic	**4.18**	---	1.18	mg/kg dry	10	05/22/19	EPA 6020A	
Barium	**109**	---	1.18	mg/kg dry	10	05/22/19	EPA 6020A	
Cadmium	**0.607**	---	0.237	mg/kg dry	10	05/22/19	EPA 6020A	

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ANALYTICAL SAMPLE RESULTS

Total Metals by EPA 6020A (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-12(16-17) (A9E0401-41)				**Matrix: Soil**				
Chromium	**11.3**	---	1.18	mg/kg dry	10	05/22/19	EPA 6020A	
Lead	**5.69**	---	0.237	mg/kg dry	10	05/22/19	EPA 6020A	
Mercury	ND	---	0.0947	mg/kg dry	10	05/22/19	EPA 6020A	
Selenium	ND	---	1.18	mg/kg dry	10	05/22/19	EPA 6020A	
Silver	ND	---	0.237	mg/kg dry	10	05/22/19	EPA 6020A	
DP-13(4-5) (A9E0401-42)				**Matrix: Soil**				
Batch: 9051151								
Arsenic	**12.3**	---	1.37	mg/kg dry	10	05/22/19	EPA 6020A	
Barium	**179**	---	1.37	mg/kg dry	10	05/22/19	EPA 6020A	
Cadmium	**0.974**	---	0.273	mg/kg dry	10	05/22/19	EPA 6020A	
Chromium	**24.3**	---	1.37	mg/kg dry	10	05/22/19	EPA 6020A	
Lead	**15.1**	---	0.273	mg/kg dry	10	05/22/19	EPA 6020A	
Mercury	ND	---	0.109	mg/kg dry	10	05/22/19	EPA 6020A	
Selenium	ND	---	1.37	mg/kg dry	10	05/22/19	EPA 6020A	
Silver	ND	---	0.273	mg/kg dry	10	05/22/19	EPA 6020A	
DP-13(9-10) (A9E0401-44)				**Matrix: Soil**				
Batch: 9051151								
Arsenic	**4.89**	---	1.35	mg/kg dry	10	05/22/19	EPA 6020A	
Barium	**127**	---	1.35	mg/kg dry	10	05/22/19	EPA 6020A	
Cadmium	**0.801**	---	0.269	mg/kg dry	10	05/22/19	EPA 6020A	
Chromium	**14.4**	---	1.35	mg/kg dry	10	05/22/19	EPA 6020A	
Lead	**7.16**	---	0.269	mg/kg dry	10	05/22/19	EPA 6020A	
Mercury	ND	---	0.108	mg/kg dry	10	05/22/19	EPA 6020A	
Selenium	ND	---	1.35	mg/kg dry	10	05/22/19	EPA 6020A	
Silver	ND	---	0.269	mg/kg dry	10	05/22/19	EPA 6020A	
DP-14(2-3) (A9E0401-46)				**Matrix: Soil**				
Batch: 9051151								
Arsenic	**11.4**	---	1.46	mg/kg dry	10	05/22/19	EPA 6020A	
Barium	**231**	---	1.46	mg/kg dry	10	05/22/19	EPA 6020A	
Cadmium	**1.06**	---	0.291	mg/kg dry	10	05/22/19	EPA 6020A	
Chromium	**28.5**	---	1.46	mg/kg dry	10	05/22/19	EPA 6020A	

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Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Total Metals by EPA 6020A (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-14(2-3) (A9E0401-46)				**Matrix: Soil**				
Lead	**14.3**	---	0.291	mg/kg dry	10	05/22/19	EPA 6020A	
Mercury	ND	---	0.116	mg/kg dry	10	05/22/19	EPA 6020A	
Selenium	ND	---	1.46	mg/kg dry	10	05/22/19	EPA 6020A	
Silver	ND	---	0.291	mg/kg dry	10	05/22/19	EPA 6020A	
DP-14(11-12) (A9E0401-48)				**Matrix: Soil**				
Batch: 9051151								
Arsenic	**4.78**	---	1.42	mg/kg dry	10	05/22/19	EPA 6020A	
Barium	**129**	---	1.42	mg/kg dry	10	05/22/19	EPA 6020A	
Cadmium	**0.853**	---	0.284	mg/kg dry	10	05/22/19	EPA 6020A	
Chromium	**14.9**	---	1.42	mg/kg dry	10	05/22/19	EPA 6020A	
Lead	**7.48**	---	0.284	mg/kg dry	10	05/22/19	EPA 6020A	
Mercury	ND	---	0.113	mg/kg dry	10	05/22/19	EPA 6020A	
Selenium	ND	---	1.42	mg/kg dry	10	05/22/19	EPA 6020A	
Silver	ND	---	0.284	mg/kg dry	10	05/22/19	EPA 6020A	
DP-15(4-5) (A9E0401-49)				**Matrix: Soil**				
Batch: 9051151								
Arsenic	**12.1**	---	1.44	mg/kg dry	10	05/22/19	EPA 6020A	
Barium	**206**	---	1.44	mg/kg dry	10	05/22/19	EPA 6020A	
Cadmium	**1.01**	---	0.288	mg/kg dry	10	05/22/19	EPA 6020A	
Chromium	**26.4**	---	1.44	mg/kg dry	10	05/22/19	EPA 6020A	
Lead	**15.8**	---	0.288	mg/kg dry	10	05/22/19	EPA 6020A	
Mercury	ND	---	0.115	mg/kg dry	10	05/22/19	EPA 6020A	
Selenium	ND	---	1.44	mg/kg dry	10	05/22/19	EPA 6020A	
Silver	ND	---	0.288	mg/kg dry	10	05/22/19	EPA 6020A	
DP-16(2-3) (A9E0401-52)				**Matrix: Soil**				
Batch: 9051151								
Arsenic	**11.9**	---	1.38	mg/kg dry	10	05/22/19	EPA 6020A	
Barium	**176**	---	1.38	mg/kg dry	10	05/22/19	EPA 6020A	
Cadmium	**0.837**	---	0.275	mg/kg dry	10	05/22/19	EPA 6020A	
Chromium	**28.3**	---	1.38	mg/kg dry	10	05/22/19	EPA 6020A	
Lead	**15.2**	---	0.275	mg/kg dry	10	05/22/19	EPA 6020A	

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ANALYTICAL SAMPLE RESULTS

Total Metals by EPA 6020A (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-16(2-3) (A9E0401-52)				**Matrix: Soil**				
Mercury	ND	---	0.110	mg/kg dry	10	05/22/19	EPA 6020A	
Selenium	ND	---	1.38	mg/kg dry	10	05/22/19	EPA 6020A	
Silver	ND	---	0.275	mg/kg dry	10	05/22/19	EPA 6020A	

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ANALYTICAL SAMPLE RESULTS

TCLP Metals by EPA 6020A (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-4(0.5-1.5) (A9E0401-10)				**Matrix: Soil**				
Batch: 9051390								
Lead	ND	---	0.0500	mg/L	10	05/30/19	1311/6020A	

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ANALYTICAL SAMPLE RESULTS

TCLP Extraction by EPA 1311

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-4(0.5-1.5) (A9E0401-10)				**Matrix: Soil**			**Batch: 9051351**	
TCLP Extraction	PREP	---		N/A	1	05/29/19	EPA 1311	

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ANALYTICAL SAMPLE RESULTS

Percent Dry Weight

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-1(0.5-1.5) (A9E0401-01)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**81.2**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-1(11.5-12.5) (A9E0401-03)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**88.5**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-2(1-2) (A9E0401-04)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**79.8**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-2(12-13) (A9E0401-06)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**77.4**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-3(1-2) (A9E0401-07)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**79.6**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-3(12-13) (A9E0401-09)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**75.8**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-4(0.5-1.5) (A9E0401-10)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**84.1**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-4(8-9) (A9E0401-11)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**74.7**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-4(11.5-12.5) (A9E0401-12)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**88.1**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-5(1-2) (A9E0401-16)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**77.5**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-5(8.5-9.5) (A9E0401-17)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**74.5**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-5(13-14) (A9E0401-18)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**82.4**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-6(1-2) (A9E0401-19)				**Matrix: Soil**			**Batch: 9050832**	

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ANALYTICAL SAMPLE RESULTS

Percent Dry Weight

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-6(1-2) (A9E0401-19)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**78.5**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-6(8-9) (A9E0401-20)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**77.7**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-6(12.5-13.5) (A9E0401-21)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**77.2**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-7(1-2) (A9E0401-22)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**92.4**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-7(6.5-7.5) (A9E0401-23)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**91.9**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-7(11.5-12.5) (A9E0401-24)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**86.6**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-8(1.5-2.5) (A9E0401-25)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**72.9**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-8(8-9) (A9E0401-26)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**85.7**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-8(11.5-12.5) (A9E0401-27)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**91.5**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-9(1-2) (A9E0401-28)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**71.4**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-9(8-9) (A9E0401-29)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**78.6**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-10(2-3) (A9E0401-31)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**85.2**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-10(13-14) (A9E0401-33)				**Matrix: Soil**			**Batch: 9050832**	

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503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Percent Dry Weight

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-10(13-14) (A9E0401-33)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**76.3**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-11(3-4) (A9E0401-34)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**77.0**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-11(10-11) (A9E0401-36)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**88.2**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-11(18-19) (A9E0401-37)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**88.6**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-12(1-12) (A9E0401-38)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**71.4**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-12(12-13) (A9E0401-40)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**85.8**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-12(16-17) (A9E0401-41)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**89.9**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-13(4-5) (A9E0401-42)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**75.4**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-13(9-10) (A9E0401-44)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**82.5**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-14(2-3) (A9E0401-46)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**72.1**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-14(11-12) (A9E0401-48)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**72.0**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-15(4-5) (A9E0401-49)				**Matrix: Soil**			**Batch: 9050832**	
% Solids	**75.6**	---	1.00	% by Weight	1	05/15/19	EPA 8000C	
DP-16(2-3) (A9E0401-52)				**Matrix: Soil**			**Batch: 9050893**	

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GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

ANALYTICAL SAMPLE RESULTS

Percent Dry Weight

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-16(2-3) (A9E0401-52)				**Matrix: Soil**			**Batch: 9050893**	
% Solids	**73.8**	---	1.00	% by Weight	1	05/16/19	EPA 8000C	

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Hydrocarbon Identification Screen by NWTPH-HCID

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050923 - NWTPH-HCID (Soil)							Soil					
Blank (9050923-BLK1)			Prepared: 05/15/19 13:40 Analyzed: 05/16/19 03:46									
NWTPH-HCID												
Gasoline Range Organics	ND	---	16.7	mg/kg wet	1	---	---	---	---	---	---	
Diesel Range Organics	ND	---	41.7	mg/kg wet	1	---	---	---	---	---	---	
Oil Range Organics	ND	---	83.3	mg/kg wet	1	---	---	---	---	---	---	
Surr: o-Terphenyl (Surr)		*Recovery:*	*102 %*	*Limits:*	*50-150 %*		*Dilution:*	*1x*				
4-Bromofluorobenzene (Surr)			*98 %*		*50-150 %*			*"*				
Duplicate (9050923-DUP1)			Prepared: 05/15/19 13:40 Analyzed: 05/16/19 04:32									
QC Source Sample: DP-5(8.5-9.5) (A9E0401-17)												
NWTPH-HCID												
Gasoline Range Organics	ND	---	23.8	mg/kg dry	1	---	ND	---	---	---	30%	
Diesel Range Organics	ND	---	59.4	mg/kg dry	1	---	ND	---	---	---	30%	
Oil Range Organics	ND	---	119	mg/kg dry	1	---	ND	---	---	---	30%	
Surr: o-Terphenyl (Surr)		*Recovery:*	*102 %*	*Limits:*	*50-150 %*		*Dilution:*	*1x*				
4-Bromofluorobenzene (Surr)			*97 %*		*50-150 %*			*"*				

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QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050878 - EPA 5035A							Soil					
Blank (9050878-BLK1)			Prepared: 05/14/19 17:00 Analyzed: 05/14/19 19:06									
5035A/8260C												
Acetone	ND	---	0.667	mg/kg wet	50	---	---	---	---	---	---	
Acrylonitrile	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
Benzene	ND	---	0.00667	mg/kg wet	50	---	---	---	---	---	---	
Bromobenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Bromochloromethane	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Bromodichloromethane	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
Bromoform	ND	---	0.133	mg/kg wet	50	---	---	---	---	---	---	
Bromomethane	ND	---	0.333	mg/kg wet	50	---	---	---	---	---	---	
2-Butanone (MEK)	ND	---	0.333	mg/kg wet	50	---	---	---	---	---	---	
n-Butylbenzene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
sec-Butylbenzene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
tert-Butylbenzene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Carbon disulfide	ND	---	0.333	mg/kg wet	50	---	---	---	---	---	---	
Carbon tetrachloride	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
Chlorobenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Chloroethane	ND	---	0.333	mg/kg wet	50	---	---	---	---	---	---	
Chloroform	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Chloromethane	ND	---	0.167	mg/kg wet	50	---	---	---	---	---	---	
2-Chlorotoluene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
4-Chlorotoluene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Dibromochloromethane	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
1,2-Dibromo-3-chloropropane	ND	---	0.167	mg/kg wet	50	---	---	---	---	---	---	
1,2-Dibromoethane (EDB)	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Dibromomethane	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
1,2-Dichlorobenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
1,3-Dichlorobenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
1,4-Dichlorobenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Dichlorodifluoromethane	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
1,1-Dichloroethane	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
1,2-Dichloroethane (EDC)	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
1,1-Dichloroethene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
cis-1,2-Dichloroethene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
trans-1,2-Dichloroethene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	

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GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050878 - EPA 5035A							**Soil**					
Blank (9050878-BLK1)			Prepared: 05/14/19 17:00 Analyzed: 05/14/19 19:06									
1,2-Dichloropropane	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
1,3-Dichloropropane	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
2,2-Dichloropropane	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
1,1-Dichloropropene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
cis-1,3-Dichloropropene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
trans-1,3-Dichloropropene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Ethylbenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Hexachlorobutadiene	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
2-Hexanone	ND	---	0.333	mg/kg wet	50	---	---	---	---	---	---	
Isopropylbenzene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
4-Isopropyltoluene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Methylene chloride	ND	---	0.167	mg/kg wet	50	---	---	---	---	---	---	
4-Methyl-2-pentanone (MiBK)	ND	---	0.333	mg/kg wet	50	---	---	---	---	---	---	
Methyl tert-butyl ether (MTBE)	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Naphthalene	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
n-Propylbenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Styrene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
1,1,1,2-Tetrachloroethane	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
1,1,2,2-Tetrachloroethane	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Tetrachloroethene (PCE)	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Toluene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
1,2,3-Trichlorobenzene	ND	---	0.167	mg/kg wet	50	---	---	---	---	---	---	
1,2,4-Trichlorobenzene	ND	---	0.167	mg/kg wet	50	---	---	---	---	---	---	
1,1,1-Trichloroethane	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
1,1,2-Trichloroethane	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Trichloroethene (TCE)	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Trichlorofluoromethane	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
1,2,3-Trichloropropane	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
1,2,4-Trimethylbenzene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
1,3,5-Trimethylbenzene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Vinyl chloride	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
m,p-Xylene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
o-Xylene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	

Surr: 1,4-Difluorobenzene (Surr) *Recovery: 99 %* *Limits: 80-120 %* *Dilution: 1x*

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050878 - EPA 5035A							**Soil**					
Blank (9050878-BLK1)				Prepared: 05/14/19 17:00 Analyzed: 05/14/19 19:06								
Surr: Toluene-d8 (Surr)			*Recovery: 101 %*	*Limits: 80-120 %*				*Dilution: 1x*				
4-Bromofluorobenzene (Surr)			*105 %*	*80-120 %*				*"*				
LCS (9050878-BS1)				Prepared: 05/14/19 17:00 Analyzed: 05/14/19 18:12								
5035A/8260C												
Acetone	1.74	---	1.00	mg/kg wet	50	2.00	---	87	80-120%	---	---	
Acrylonitrile	1.01	---	0.100	mg/kg wet	50	1.00	---	101	80-120%	---	---	
Benzene	0.923	---	0.0100	mg/kg wet	50	1.00	---	92	80-120%	---	---	
Bromobenzene	1.05	---	0.0250	mg/kg wet	50	1.00	---	105	80-120%	---	---	
Bromochloromethane	0.955	---	0.0500	mg/kg wet	50	1.00	---	96	80-120%	---	---	
Bromodichloromethane	0.936	---	0.100	mg/kg wet	50	1.00	---	94	80-120%	---	---	
Bromoform	1.13	---	0.200	mg/kg wet	50	1.00	---	113	80-120%	---	---	
Bromomethane	0.922	---	0.500	mg/kg wet	50	1.00	---	92	80-120%	---	---	
2-Butanone (MEK)	1.87	---	0.500	mg/kg wet	50	2.00	---	94	80-120%	---	---	
n-Butylbenzene	1.12	---	0.0500	mg/kg wet	50	1.00	---	112	80-120%	---	---	
sec-Butylbenzene	1.12	---	0.0500	mg/kg wet	50	1.00	---	112	80-120%	---	---	
tert-Butylbenzene	1.09	---	0.0500	mg/kg wet	50	1.00	---	109	80-120%	---	---	
Carbon disulfide	0.876	---	0.500	mg/kg wet	50	1.00	---	88	80-120%	---	---	
Carbon tetrachloride	1.09	---	0.100	mg/kg wet	50	1.00	---	109	80-120%	---	---	
Chlorobenzene	0.929	---	0.0250	mg/kg wet	50	1.00	---	93	80-120%	---	---	
Chloroethane	0.733	---	0.500	mg/kg wet	50	1.00	---	**73**	**80-120%**	---	---	Q-55
Chloroform	0.943	---	0.0500	mg/kg wet	50	1.00	---	94	80-120%	---	---	
Chloromethane	0.954	---	0.250	mg/kg wet	50	1.00	---	95	80-120%	---	---	
2-Chlorotoluene	1.07	---	0.0500	mg/kg wet	50	1.00	---	107	80-120%	---	---	
4-Chlorotoluene	1.08	---	0.0500	mg/kg wet	50	1.00	---	108	80-120%	---	---	
Dibromochloromethane	0.976	---	0.100	mg/kg wet	50	1.00	---	98	80-120%	---	---	
1,2-Dibromo-3-chloropropane	1.00	---	0.250	mg/kg wet	50	1.00	---	100	80-120%	---	---	
1,2-Dibromoethane (EDB)	0.951	---	0.0500	mg/kg wet	50	1.00	---	95	80-120%	---	---	
Dibromomethane	0.986	---	0.0500	mg/kg wet	50	1.00	---	99	80-120%	---	---	
1,2-Dichlorobenzene	1.02	---	0.0250	mg/kg wet	50	1.00	---	102	80-120%	---	---	
1,3-Dichlorobenzene	1.01	---	0.0250	mg/kg wet	50	1.00	---	101	80-120%	---	---	
1,4-Dichlorobenzene	0.964	---	0.0250	mg/kg wet	50	1.00	---	96	80-120%	---	---	
Dichlorodifluoromethane	1.04	---	0.100	mg/kg wet	50	1.00	---	104	80-120%	---	---	
1,1-Dichloroethane	0.850	---	0.0250	mg/kg wet	50	1.00	---	85	80-120%	---	---	

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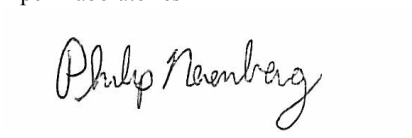

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QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050878 - EPA 5035A							**Soil**					
LCS (9050878-BS1)			Prepared: 05/14/19 17:00 Analyzed: 05/14/19 18:12									
1,2-Dichloroethane (EDC)	0.885	---	0.0250	mg/kg wet	50	1.00	---	89	80-120%	---	---	
1,1-Dichloroethene	0.747	---	0.0250	mg/kg wet	50	1.00	---	**75**	**80-120%**	---	---	Q-55
cis-1,2-Dichloroethene	0.955	---	0.0250	mg/kg wet	50	1.00	---	96	80-120%	---	---	
trans-1,2-Dichloroethene	0.828	---	0.0250	mg/kg wet	50	1.00	---	83	80-120%	---	---	
1,2-Dichloropropane	0.949	---	0.0250	mg/kg wet	50	1.00	---	95	80-120%	---	---	
1,3-Dichloropropane	1.01	---	0.0500	mg/kg wet	50	1.00	---	101	80-120%	---	---	
2,2-Dichloropropane	1.22	---	0.0500	mg/kg wet	50	1.00	---	**122**	**80-120%**	---	---	Q-56
1,1-Dichloropropene	0.971	---	0.0500	mg/kg wet	50	1.00	---	97	80-120%	---	---	
cis-1,3-Dichloropropene	0.944	---	0.0500	mg/kg wet	50	1.00	---	94	80-120%	---	---	
trans-1,3-Dichloropropene	0.957	---	0.0500	mg/kg wet	50	1.00	---	96	80-120%	---	---	
Ethylbenzene	0.963	---	0.0250	mg/kg wet	50	1.00	---	96	80-120%	---	---	
Hexachlorobutadiene	1.03	---	0.100	mg/kg wet	50	1.00	---	103	80-120%	---	---	
2-Hexanone	1.94	---	0.500	mg/kg wet	50	2.00	---	97	80-120%	---	---	
Isopropylbenzene	1.09	---	0.0500	mg/kg wet	50	1.00	---	109	80-120%	---	---	
4-Isopropyltoluene	1.09	---	0.0500	mg/kg wet	50	1.00	---	109	80-120%	---	---	
Methylene chloride	0.719	---	0.250	mg/kg wet	50	1.00	---	**72**	**80-120%**	---	---	Q-55
4-Methyl-2-pentanone (MiBK)	2.01	---	0.500	mg/kg wet	50	2.00	---	100	80-120%	---	---	
Methyl tert-butyl ether (MTBE)	0.971	---	0.0500	mg/kg wet	50	1.00	---	97	80-120%	---	---	
Naphthalene	1.03	---	0.100	mg/kg wet	50	1.00	---	103	80-120%	---	---	
n-Propylbenzene	1.07	---	0.0250	mg/kg wet	50	1.00	---	107	80-120%	---	---	
Styrene	0.972	---	0.0500	mg/kg wet	50	1.00	---	97	80-120%	---	---	
1,1,1,2-Tetrachloroethane	1.05	---	0.100	mg/kg wet	50	1.00	---	105	80-120%	---	---	
1,1,2,2-Tetrachloroethane	1.11	---	0.0500	mg/kg wet	50	1.00	---	111	80-120%	---	---	
Tetrachloroethene (PCE)	0.976	---	0.0250	mg/kg wet	50	1.00	---	98	80-120%	---	---	
Toluene	0.896	---	0.0500	mg/kg wet	50	1.00	---	90	80-120%	---	---	
1,2,3-Trichlorobenzene	1.09	---	0.250	mg/kg wet	50	1.00	---	109	80-120%	---	---	
1,2,4-Trichlorobenzene	1.16	---	0.250	mg/kg wet	50	1.00	---	116	80-120%	---	---	
1,1,1-Trichloroethane	1.06	---	0.0250	mg/kg wet	50	1.00	---	106	80-120%	---	---	
1,1,2-Trichloroethane	1.01	---	0.0250	mg/kg wet	50	1.00	---	101	80-120%	---	---	
Trichloroethene (TCE)	0.958	---	0.0250	mg/kg wet	50	1.00	---	96	80-120%	---	---	
Trichlorofluoromethane	0.749	---	0.100	mg/kg wet	50	1.00	---	**75**	**80-120%**	---	---	Q-55
1,2,3-Trichloropropane	1.06	---	0.0500	mg/kg wet	50	1.00	---	106	80-120%	---	---	
1,2,4-Trimethylbenzene	1.13	---	0.0500	mg/kg wet	50	1.00	---	113	80-120%	---	---	
1,3,5-Trimethylbenzene	1.12	---	0.0500	mg/kg wet	50	1.00	---	112	80-120%	---	---	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050878 - EPA 5035A							**Soil**					
LCS (9050878-BS1)			Prepared: 05/14/19 17:00 Analyzed: 05/14/19 18:12									
Vinyl chloride	0.947	---	0.0250	mg/kg wet	50	1.00	---	95	80-120%	---	---	
m,p-Xylene	2.05	---	0.0500	mg/kg wet	50	2.00	---	102	80-120%	---	---	
o-Xylene	1.05	---	0.0250	mg/kg wet	50	1.00	---	105	80-120%	---	---	
Surr: 1,4-Difluorobenzene (Surr)			*Recovery: 98 %*		*Limits: 80-120 %*		*Dilution: 1x*					
Toluene-d8 (Surr)			*97 %*		*80-120 %*		*"*					
4-Bromofluorobenzene (Surr)			*106 %*		*80-120 %*		*"*					
Duplicate (9050878-DUP1)			Prepared: 05/11/19 11:56 Analyzed: 05/15/19 00:30									
QC Source Sample: DP-5(8.5-9.5) (A9E0401-17)												
5035A/8260C												
Acetone	ND	---	1.52	mg/kg dry	50	---	ND	---	---	---	30%	
Acrylonitrile	ND	---	0.152	mg/kg dry	50	---	ND	---	---	---	30%	
Benzene	ND	---	0.0152	mg/kg dry	50	---	ND	---	---	---	30%	
Bromobenzene	ND	---	0.0381	mg/kg dry	50	---	ND	---	---	---	30%	
Bromochloromethane	ND	---	0.0761	mg/kg dry	50	---	ND	---	---	---	30%	
Bromodichloromethane	ND	---	0.152	mg/kg dry	50	---	ND	---	---	---	30%	
Bromoform	ND	---	0.304	mg/kg dry	50	---	ND	---	---	---	30%	
Bromomethane	ND	---	0.761	mg/kg dry	50	---	ND	---	---	---	30%	
2-Butanone (MEK)	ND	---	0.761	mg/kg dry	50	---	ND	---	---	---	30%	
n-Butylbenzene	ND	---	0.0761	mg/kg dry	50	---	ND	---	---	---	30%	
sec-Butylbenzene	ND	---	0.0761	mg/kg dry	50	---	ND	---	---	---	30%	
tert-Butylbenzene	ND	---	0.0761	mg/kg dry	50	---	ND	---	---	---	30%	
Carbon disulfide	ND	---	0.761	mg/kg dry	50	---	ND	---	---	---	30%	
Carbon tetrachloride	ND	---	0.152	mg/kg dry	50	---	ND	---	---	---	30%	
Chlorobenzene	ND	---	0.0381	mg/kg dry	50	---	ND	---	---	---	30%	
Chloroethane	ND	---	0.761	mg/kg dry	50	---	ND	---	---	---	30%	
Chloroform	ND	---	0.0761	mg/kg dry	50	---	ND	---	---	---	30%	
Chloromethane	ND	---	0.381	mg/kg dry	50	---	ND	---	---	---	30%	
2-Chlorotoluene	ND	---	0.0761	mg/kg dry	50	---	ND	---	---	---	30%	
4-Chlorotoluene	ND	---	0.0761	mg/kg dry	50	---	ND	---	---	---	30%	
Dibromochloromethane	ND	---	0.152	mg/kg dry	50	---	ND	---	---	---	30%	
1,2-Dibromo-3-chloropropane	ND	---	0.381	mg/kg dry	50	---	ND	---	---	---	30%	
1,2-Dibromoethane (EDB)	ND	---	0.0761	mg/kg dry	50	---	ND	---	---	---	30%	
Dibromomethane	ND	---	0.0761	mg/kg dry	50	---	ND	---	---	---	30%	

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Philip Nerenberg, Lab Director

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GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050878 - EPA 5035A							**Soil**					
Duplicate (9050878-DUP1)			Prepared: 05/11/19 11:56 Analyzed: 05/15/19 00:30									
QC Source Sample: DP-5(8.5-9.5) (A9E0401-17)												
1,2-Dichlorobenzene	ND	---	0.0381	mg/kg dry	50	---	ND	---	---	---	30%	
1,3-Dichlorobenzene	ND	---	0.0381	mg/kg dry	50	---	ND	---	---	---	30%	
1,4-Dichlorobenzene	ND	---	0.0381	mg/kg dry	50	---	ND	---	---	---	30%	
Dichlorodifluoromethane	ND	---	0.152	mg/kg dry	50	---	ND	---	---	---	30%	
1,1-Dichloroethane	ND	---	0.0381	mg/kg dry	50	---	ND	---	---	---	30%	
1,2-Dichloroethane (EDC)	ND	---	0.0381	mg/kg dry	50	---	ND	---	---	---	30%	
1,1-Dichloroethene	ND	---	0.0381	mg/kg dry	50	---	ND	---	---	---	30%	
cis-1,2-Dichloroethene	ND	---	0.0381	mg/kg dry	50	---	ND	---	---	---	30%	
trans-1,2-Dichloroethene	ND	---	0.0381	mg/kg dry	50	---	ND	---	---	---	30%	
1,2-Dichloropropane	ND	---	0.0381	mg/kg dry	50	---	ND	---	---	---	30%	
1,3-Dichloropropane	ND	---	0.0761	mg/kg dry	50	---	ND	---	---	---	30%	
2,2-Dichloropropane	ND	---	0.0761	mg/kg dry	50	---	ND	---	---	---	30%	
1,1-Dichloropropene	ND	---	0.0761	mg/kg dry	50	---	ND	---	---	---	30%	
cis-1,3-Dichloropropene	ND	---	0.0761	mg/kg dry	50	---	ND	---	---	---	30%	
trans-1,3-Dichloropropene	ND	---	0.0761	mg/kg dry	50	---	ND	---	---	---	30%	
Ethylbenzene	ND	---	0.0381	mg/kg dry	50	---	ND	---	---	---	30%	
Hexachlorobutadiene	ND	---	0.152	mg/kg dry	50	---	ND	---	---	---	30%	
2-Hexanone	ND	---	0.761	mg/kg dry	50	---	ND	---	---	---	30%	
Isopropylbenzene	ND	---	0.0761	mg/kg dry	50	---	ND	---	---	---	30%	
4-Isopropyltoluene	ND	---	0.0761	mg/kg dry	50	---	ND	---	---	---	30%	
Methylene chloride	ND	---	0.381	mg/kg dry	50	---	ND	---	---	---	30%	
4-Methyl-2-pentanone (MiBK)	ND	---	0.761	mg/kg dry	50	---	ND	---	---	---	30%	
Methyl tert-butyl ether (MTBE)	ND	---	0.0761	mg/kg dry	50	---	ND	---	---	---	30%	
Naphthalene	ND	---	0.152	mg/kg dry	50	---	ND	---	---	---	30%	
n-Propylbenzene	ND	---	0.0381	mg/kg dry	50	---	ND	---	---	---	30%	
Styrene	ND	---	0.0761	mg/kg dry	50	---	ND	---	---	---	30%	
1,1,1,2-Tetrachloroethane	ND	---	0.152	mg/kg dry	50	---	ND	---	---	---	30%	
1,1,2,2-Tetrachloroethane	ND	---	0.0761	mg/kg dry	50	---	ND	---	---	---	30%	
Tetrachloroethene (PCE)	ND	---	0.0381	mg/kg dry	50	---	ND	---	---	---	30%	
Toluene	ND	---	0.0761	mg/kg dry	50	---	ND	---	---	---	30%	
1,2,3-Trichlorobenzene	ND	---	0.381	mg/kg dry	50	---	ND	---	---	---	30%	
1,2,4-Trichlorobenzene	ND	---	0.381	mg/kg dry	50	---	ND	---	---	---	30%	
1,1,1-Trichloroethane	ND	---	0.0381	mg/kg dry	50	---	ND	---	---	---	30%	

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Philip Nerenberg, Lab Director

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GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050878 - EPA 5035A							**Soil**					
Duplicate (9050878-DUP1)			Prepared: 05/11/19 11:56 Analyzed: 05/15/19 00:30									
QC Source Sample: DP-5(8.5-9.5) (A9E0401-17)												
1,1,2-Trichloroethane	ND	---	0.0381	mg/kg dry	50	---	ND	---	---	---	30%	
Trichloroethene (TCE)	ND	---	0.0381	mg/kg dry	50	---	ND	---	---	---	30%	
Trichlorofluoromethane	ND	---	0.152	mg/kg dry	50	---	ND	---	---	---	30%	
1,2,3-Trichloropropane	ND	---	0.0761	mg/kg dry	50	---	ND	---	---	---	30%	
1,2,4-Trimethylbenzene	ND	---	0.0761	mg/kg dry	50	---	ND	---	---	---	30%	
1,3,5-Trimethylbenzene	ND	---	0.0761	mg/kg dry	50	---	ND	---	---	---	30%	
Vinyl chloride	ND	---	0.0381	mg/kg dry	50	---	ND	---	---	---	30%	
m,p-Xylene	ND	---	0.0761	mg/kg dry	50	---	ND	---	---	---	30%	
o-Xylene	ND	---	0.0381	mg/kg dry	50	---	ND	---	---	---	30%	
Surr: 1,4-Difluorobenzene (Surr)		*Recovery:*	*105 %*	*Limits:*	*80-120 %*		*Dilution:*	*1x*				
Toluene-d8 (Surr)			*93 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*111 %*		*80-120 %*			*"*				
Matrix Spike (9050878-MS1)			Prepared: 05/13/19 13:50 Analyzed: 05/15/19 05:00									**COMP**
QC Source Sample: Non-SDG (A9E0377-05)												
5035A/8260C												
Acetone	2.59	---	1.30	mg/kg dry	50	2.60	ND	100	36-164%	---	---	
Acrylonitrile	1.35	---	0.130	mg/kg dry	50	1.30	ND	104	65-134%	---	---	
Benzene	1.29	---	0.0130	mg/kg dry	50	1.30	ND	100	77-121%	---	---	
Bromobenzene	1.38	---	0.0325	mg/kg dry	50	1.30	ND	106	78-121%	---	---	
Bromochloromethane	1.36	---	0.0650	mg/kg dry	50	1.30	ND	105	78-125%	---	---	
Bromodichloromethane	1.30	---	0.130	mg/kg dry	50	1.30	ND	100	75-127%	---	---	
Bromoform	1.49	---	0.260	mg/kg dry	50	1.30	ND	115	67-132%	---	---	
Bromomethane	1.57	---	0.650	mg/kg dry	50	1.30	ND	121	53-143%	---	---	
2-Butanone (MEK)	2.62	---	0.650	mg/kg dry	50	2.60	ND	101	51-148%	---	---	
n-Butylbenzene	1.45	---	0.0650	mg/kg dry	50	1.30	ND	112	70-128%	---	---	
sec-Butylbenzene	1.47	---	0.0650	mg/kg dry	50	1.30	ND	113	73-126%	---	---	
tert-Butylbenzene	1.43	---	0.0650	mg/kg dry	50	1.30	ND	110	73-125%	---	---	
Carbon disulfide	1.14	---	0.650	mg/kg dry	50	1.30	ND	88	63-132%	---	---	
Carbon tetrachloride	1.46	---	0.130	mg/kg dry	50	1.30	ND	113	70-135%	---	---	
Chlorobenzene	1.24	---	0.0325	mg/kg dry	50	1.30	ND	95	79-120%	---	---	
Chloroethane	1.24	---	0.650	mg/kg dry	50	1.30	ND	95	59-139%	---	---	Q-54i
Chloroform	1.32	---	0.0650	mg/kg dry	50	1.30	ND	101	78-123%	---	---	

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050878 - EPA 5035A							**Soil**					
Matrix Spike (9050878-MS1)			Prepared: 05/13/19 13:50		Analyzed: 05/15/19 05:00							**COMP**
QC Source Sample: Non-SDG (A9E0377-05)												
Chloromethane	1.35	---	0.325	mg/kg dry	50	1.30	ND	104	50-136%	---	---	
2-Chlorotoluene	1.38	---	0.0650	mg/kg dry	50	1.30	ND	107	75-122%	---	---	
4-Chlorotoluene	1.44	---	0.0650	mg/kg dry	50	1.30	ND	111	72-124%	---	---	
Dibromochloromethane	1.27	---	0.130	mg/kg dry	50	1.30	ND	98	74-126%	---	---	
1,2-Dibromo-3-chloropropane	1.23	---	0.325	mg/kg dry	50	1.30	ND	95	61-132%	---	---	
1,2-Dibromoethane (EDB)	1.25	---	0.0650	mg/kg dry	50	1.30	ND	96	78-122%	---	---	
Dibromomethane	1.37	---	0.0650	mg/kg dry	50	1.30	ND	105	78-125%	---	---	
1,2-Dichlorobenzene	1.32	---	0.0325	mg/kg dry	50	1.30	ND	101	78-121%	---	---	
1,3-Dichlorobenzene	1.34	---	0.0325	mg/kg dry	50	1.30	ND	103	77-121%	---	---	
1,4-Dichlorobenzene	1.26	---	0.0325	mg/kg dry	50	1.30	ND	97	75-120%	---	---	
Dichlorodifluoromethane	1.46	---	0.130	mg/kg dry	50	1.30	ND	113	29-149%	---	---	
1,1-Dichloroethane	1.20	---	0.0325	mg/kg dry	50	1.30	ND	93	76-125%	---	---	
1,2-Dichloroethane (EDC)	1.27	---	0.0325	mg/kg dry	50	1.30	ND	98	73-128%	---	---	
1,1-Dichloroethene	1.06	---	0.0325	mg/kg dry	50	1.30	ND	81	70-131%	---	---	Q-54h
cis-1,2-Dichloroethene	1.31	---	0.0325	mg/kg dry	50	1.30	ND	101	77-123%	---	---	
trans-1,2-Dichloroethene	1.15	---	0.0325	mg/kg dry	50	1.30	ND	88	74-125%	---	---	
1,2-Dichloropropane	1.34	---	0.0325	mg/kg dry	50	1.30	ND	103	76-123%	---	---	
1,3-Dichloropropane	1.33	---	0.0650	mg/kg dry	50	1.30	ND	103	77-121%	---	---	
2,2-Dichloropropane	1.20	---	0.0650	mg/kg dry	50	1.30	ND	93	67-133%	---	---	Q-54
1,1-Dichloropropene	1.33	---	0.0650	mg/kg dry	50	1.30	ND	102	76-125%	---	---	
cis-1,3-Dichloropropene	1.14	---	0.0650	mg/kg dry	50	1.30	ND	88	74-126%	---	---	
trans-1,3-Dichloropropene	1.20	---	0.0650	mg/kg dry	50	1.30	ND	92	71-130%	---	---	
Ethylbenzene	1.30	---	0.0325	mg/kg dry	50	1.30	ND	100	76-122%	---	---	
Hexachlorobutadiene	1.32	---	0.130	mg/kg dry	50	1.30	ND	102	61-135%	---	---	
2-Hexanone	2.52	---	0.650	mg/kg dry	50	2.60	ND	97	53-145%	---	---	
Isopropylbenzene	1.45	---	0.0650	mg/kg dry	50	1.30	ND	112	68-134%	---	---	
4-Isopropyltoluene	1.41	---	0.0650	mg/kg dry	50	1.30	ND	108	73-127%	---	---	
Methylene chloride	1.00	---	0.325	mg/kg dry	50	1.30	ND	77	70-128%	---	---	Q-54j
4-Methyl-2-pentanone (MiBK)	2.65	---	0.650	mg/kg dry	50	2.60	ND	102	65-135%	---	---	
Methyl tert-butyl ether (MTBE)	1.30	---	0.0650	mg/kg dry	50	1.30	ND	100	73-125%	---	---	
Naphthalene	1.17	---	0.130	mg/kg dry	50	1.30	ND	90	62-129%	---	---	
n-Propylbenzene	1.43	---	0.0325	mg/kg dry	50	1.30	ND	110	73-125%	---	---	
Styrene	1.28	---	0.0650	mg/kg dry	50	1.30	ND	99	76-124%	---	---	

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050878 - EPA 5035A							**Soil**					
Matrix Spike (9050878-MS1)			Prepared: 05/13/19 13:50 Analyzed: 05/15/19 05:00									**COMP**
QC Source Sample: Non-SDG (A9E0377-05)												
1,1,1,2-Tetrachloroethane	1.38	---	0.130	mg/kg dry	50	1.30	ND	107	78-125%	---	---	
1,1,2,2-Tetrachloroethane	1.42	---	0.0650	mg/kg dry	50	1.30	ND	110	70-124%	---	---	
Tetrachloroethene (PCE)	1.26	---	0.0325	mg/kg dry	50	1.30	ND	97	73-128%	---	---	
Toluene	1.19	---	0.0650	mg/kg dry	50	1.30	ND	92	77-121%	---	---	
1,2,3-Trichlorobenzene	1.30	---	0.325	mg/kg dry	50	1.30	ND	100	66-130%	---	---	
1,2,4-Trichlorobenzene	1.35	---	0.325	mg/kg dry	50	1.30	ND	104	67-129%	---	---	
1,1,1-Trichloroethane	1.47	---	0.0325	mg/kg dry	50	1.30	ND	113	73-130%	---	---	
1,1,2-Trichloroethane	1.34	---	0.0325	mg/kg dry	50	1.30	ND	103	78-121%	---	---	
Trichloroethene (TCE)	1.32	---	0.0325	mg/kg dry	50	1.30	ND	102	77-123%	---	---	
Trichlorofluoromethane	1.33	---	0.130	mg/kg dry	50	1.30	ND	102	62-140%	---	---	Q-54g
1,2,3-Trichloropropane	1.38	---	0.0650	mg/kg dry	50	1.30	ND	106	73-125%	---	---	
1,2,4-Trimethylbenzene	1.49	---	0.0650	mg/kg dry	50	1.30	ND	115	75-123%	---	---	
1,3,5-Trimethylbenzene	1.49	---	0.0650	mg/kg dry	50	1.30	ND	115	73-124%	---	---	
Vinyl chloride	1.41	---	0.0325	mg/kg dry	50	1.30	ND	109	56-135%	---	---	
m,p-Xylene	2.77	---	0.0650	mg/kg dry	50	2.60	ND	107	77-124%	---	---	
o-Xylene	1.40	---	0.0325	mg/kg dry	50	1.30	ND	108	77-123%	---	---	
Surr: 1,4-Difluorobenzene (Surr)			*Recovery: 101 %*		*Limits: 80-120 %*			*Dilution: 1x*				
Toluene-d8 (Surr)			*96 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*101 %*		*80-120 %*			*"*				

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Philip Nerenberg, Lab Director

Apex Laboratories, LLC
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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050895 - EPA 5035A							Soil					
Blank (9050895-BLK1)			Prepared: 05/15/19 09:30 Analyzed: 05/15/19 12:52									
5035A/8260C												
Acetone	ND	---	0.667	mg/kg wet	50	---	---	---	---	---	---	
Acrylonitrile	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
Benzene	ND	---	0.00667	mg/kg wet	50	---	---	---	---	---	---	
Bromobenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Bromochloromethane	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Bromodichloromethane	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
Bromoform	ND	---	0.133	mg/kg wet	50	---	---	---	---	---	---	
Bromomethane	ND	---	0.333	mg/kg wet	50	---	---	---	---	---	---	
2-Butanone (MEK)	ND	---	0.333	mg/kg wet	50	---	---	---	---	---	---	
n-Butylbenzene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
sec-Butylbenzene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
tert-Butylbenzene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Carbon disulfide	ND	---	0.333	mg/kg wet	50	---	---	---	---	---	---	
Carbon tetrachloride	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
Chlorobenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Chloroethane	ND	---	0.333	mg/kg wet	50	---	---	---	---	---	---	
Chloroform	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Chloromethane	ND	---	0.167	mg/kg wet	50	---	---	---	---	---	---	
2-Chlorotoluene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
4-Chlorotoluene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Dibromochloromethane	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
1,2-Dibromo-3-chloropropane	ND	---	0.167	mg/kg wet	50	---	---	---	---	---	---	
1,2-Dibromoethane (EDB)	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Dibromomethane	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
1,2-Dichlorobenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
1,3-Dichlorobenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
1,4-Dichlorobenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Dichlorodifluoromethane	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
1,1-Dichloroethane	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
1,2-Dichloroethane (EDC)	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
1,1-Dichloroethene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
cis-1,2-Dichloroethene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
trans-1,2-Dichloroethene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050895 - EPA 5035A							**Soil**					
Blank (9050895-BLK1)			Prepared: 05/15/19 09:30 Analyzed: 05/15/19 12:52									
1,2-Dichloropropane	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
1,3-Dichloropropane	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
2,2-Dichloropropane	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
1,1-Dichloropropene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
cis-1,3-Dichloropropene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
trans-1,3-Dichloropropene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Ethylbenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Hexachlorobutadiene	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
2-Hexanone	ND	---	0.333	mg/kg wet	50	---	---	---	---	---	---	
Isopropylbenzene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
4-Isopropyltoluene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Methylene chloride	ND	---	0.167	mg/kg wet	50	---	---	---	---	---	---	
4-Methyl-2-pentanone (MiBK)	ND	---	0.333	mg/kg wet	50	---	---	---	---	---	---	
Methyl tert-butyl ether (MTBE)	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Naphthalene	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
n-Propylbenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Styrene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
1,1,1,2-Tetrachloroethane	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
1,1,2,2-Tetrachloroethane	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Tetrachloroethene (PCE)	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Toluene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
1,2,3-Trichlorobenzene	ND	---	0.167	mg/kg wet	50	---	---	---	---	---	---	
1,2,4-Trichlorobenzene	ND	---	0.167	mg/kg wet	50	---	---	---	---	---	---	
1,1,1-Trichloroethane	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
1,1,2-Trichloroethane	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Trichloroethene (TCE)	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Trichlorofluoromethane	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
1,2,3-Trichloropropane	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
1,2,4-Trimethylbenzene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
1,3,5-Trimethylbenzene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Vinyl chloride	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
m,p-Xylene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
o-Xylene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	

Surr: 1,4-Difluorobenzene (Surr) *Recovery: 103 %* *Limits: 80-120 %* *Dilution: 1x*

Apex Laboratories

Philip Nerenberg, Lab Director

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GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050895 - EPA 5035A							**Soil**					
Blank (9050895-BLK1)			Prepared: 05/15/19 09:30 Analyzed: 05/15/19 12:52									
Surr: Toluene-d8 (Surr)			*Recovery: 97 %*	*Limits: 80-120 %*			*Dilution: 1x*					
4-Bromofluorobenzene (Surr)			*104 %*	*80-120 %*			*"*					
LCS (9050895-BS1)			Prepared: 05/15/19 09:30 Analyzed: 05/15/19 10:59									
5035A/8260C												
Acetone	1.61	---	1.00	mg/kg wet	50	2.00	---	80	80-120%	---	---	
Acrylonitrile	0.928	---	0.100	mg/kg wet	50	1.00	---	93	80-120%	---	---	
Benzene	1.00	---	0.0100	mg/kg wet	50	1.00	---	100	80-120%	---	---	
Bromobenzene	1.04	---	0.0250	mg/kg wet	50	1.00	---	104	80-120%	---	---	
Bromochloromethane	0.997	---	0.0500	mg/kg wet	50	1.00	---	100	80-120%	---	---	
Bromodichloromethane	1.07	---	0.100	mg/kg wet	50	1.00	---	107	80-120%	---	---	
Bromoform	1.23	---	0.200	mg/kg wet	50	1.00	---	**123**	**80-120%**	---	---	Q-56
Bromomethane	1.16	---	0.500	mg/kg wet	50	1.00	---	116	80-120%	---	---	
2-Butanone (MEK)	1.88	---	0.500	mg/kg wet	50	2.00	---	94	80-120%	---	---	
n-Butylbenzene	1.12	---	0.0500	mg/kg wet	50	1.00	---	112	80-120%	---	---	
sec-Butylbenzene	1.13	---	0.0500	mg/kg wet	50	1.00	---	113	80-120%	---	---	
tert-Butylbenzene	1.10	---	0.0500	mg/kg wet	50	1.00	---	110	80-120%	---	---	
Carbon disulfide	0.931	---	0.500	mg/kg wet	50	1.00	---	93	80-120%	---	---	
Carbon tetrachloride	1.18	---	0.100	mg/kg wet	50	1.00	---	118	80-120%	---	---	
Chlorobenzene	0.961	---	0.0250	mg/kg wet	50	1.00	---	96	80-120%	---	---	
Chloroethane	1.02	---	0.500	mg/kg wet	50	1.00	---	102	80-120%	---	---	
Chloroform	1.04	---	0.0500	mg/kg wet	50	1.00	---	104	80-120%	---	---	
Chloromethane	0.958	---	0.250	mg/kg wet	50	1.00	---	96	80-120%	---	---	
2-Chlorotoluene	1.06	---	0.0500	mg/kg wet	50	1.00	---	106	80-120%	---	---	
4-Chlorotoluene	1.10	---	0.0500	mg/kg wet	50	1.00	---	110	80-120%	---	---	
Dibromochloromethane	1.07	---	0.100	mg/kg wet	50	1.00	---	107	80-120%	---	---	
1,2-Dibromo-3-chloropropane	0.901	---	0.250	mg/kg wet	50	1.00	---	90	80-120%	---	---	
1,2-Dibromoethane (EDB)	0.982	---	0.0500	mg/kg wet	50	1.00	---	98	80-120%	---	---	
Dibromomethane	1.06	---	0.0500	mg/kg wet	50	1.00	---	106	80-120%	---	---	
1,2-Dichlorobenzene	1.03	---	0.0250	mg/kg wet	50	1.00	---	103	80-120%	---	---	
1,3-Dichlorobenzene	1.03	---	0.0250	mg/kg wet	50	1.00	---	103	80-120%	---	---	
1,4-Dichlorobenzene	0.977	---	0.0250	mg/kg wet	50	1.00	---	98	80-120%	---	---	
Dichlorodifluoromethane	1.11	---	0.100	mg/kg wet	50	1.00	---	111	80-120%	---	---	
1,1-Dichloroethane	0.927	---	0.0250	mg/kg wet	50	1.00	---	93	80-120%	---	---	

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050895 - EPA 5035A							**Soil**					
LCS (9050895-BS1)			Prepared: 05/15/19 09:30 Analyzed: 05/15/19 10:59									
1,2-Dichloroethane (EDC)	0.980	---	0.0250	mg/kg wet	50	1.00	---	98	80-120%	---	---	
1,1-Dichloroethene	0.853	---	0.0250	mg/kg wet	50	1.00	---	85	80-120%	---	---	
cis-1,2-Dichloroethene	1.02	---	0.0250	mg/kg wet	50	1.00	---	102	80-120%	---	---	
trans-1,2-Dichloroethene	0.900	---	0.0250	mg/kg wet	50	1.00	---	90	80-120%	---	---	
1,2-Dichloropropane	1.06	---	0.0250	mg/kg wet	50	1.00	---	106	80-120%	---	---	
1,3-Dichloropropane	1.04	---	0.0500	mg/kg wet	50	1.00	---	104	80-120%	---	---	
2,2-Dichloropropane	1.25	---	0.0500	mg/kg wet	50	1.00	---	**125**	**80-120%**	---	---	Q-56
1,1-Dichloropropene	1.03	---	0.0500	mg/kg wet	50	1.00	---	103	80-120%	---	---	
cis-1,3-Dichloropropene	0.947	---	0.0500	mg/kg wet	50	1.00	---	95	80-120%	---	---	
trans-1,3-Dichloropropene	0.984	---	0.0500	mg/kg wet	50	1.00	---	98	80-120%	---	---	
Ethylbenzene	0.995	---	0.0250	mg/kg wet	50	1.00	---	99	80-120%	---	---	
Hexachlorobutadiene	1.03	---	0.100	mg/kg wet	50	1.00	---	103	80-120%	---	---	
2-Hexanone	1.77	---	0.500	mg/kg wet	50	2.00	---	88	80-120%	---	---	
Isopropylbenzene	1.13	---	0.0500	mg/kg wet	50	1.00	---	113	80-120%	---	---	
4-Isopropyltoluene	1.08	---	0.0500	mg/kg wet	50	1.00	---	108	80-120%	---	---	
Methylene chloride	0.752	---	0.250	mg/kg wet	50	1.00	---	**75**	**80-120%**	---	---	Q-55
4-Methyl-2-pentanone (MiBK)	1.97	---	0.500	mg/kg wet	50	2.00	---	98	80-120%	---	---	
Methyl tert-butyl ether (MTBE)	1.05	---	0.0500	mg/kg wet	50	1.00	---	105	80-120%	---	---	
Naphthalene	0.840	---	0.100	mg/kg wet	50	1.00	---	84	80-120%	---	---	
n-Propylbenzene	1.10	---	0.0250	mg/kg wet	50	1.00	---	110	80-120%	---	---	
Styrene	0.996	---	0.0500	mg/kg wet	50	1.00	---	100	80-120%	---	---	
1,1,1,2-Tetrachloroethane	1.15	---	0.100	mg/kg wet	50	1.00	---	115	80-120%	---	---	
1,1,2,2-Tetrachloroethane	1.11	---	0.0500	mg/kg wet	50	1.00	---	111	80-120%	---	---	
Tetrachloroethene (PCE)	0.972	---	0.0250	mg/kg wet	50	1.00	---	97	80-120%	---	---	
Toluene	0.908	---	0.0500	mg/kg wet	50	1.00	---	91	80-120%	---	---	
1,2,3-Trichlorobenzene	0.980	---	0.250	mg/kg wet	50	1.00	---	98	80-120%	---	---	
1,2,4-Trichlorobenzene	1.03	---	0.250	mg/kg wet	50	1.00	---	103	80-120%	---	---	
1,1,1-Trichloroethane	1.17	---	0.0250	mg/kg wet	50	1.00	---	117	80-120%	---	---	
1,1,2-Trichloroethane	1.08	---	0.0250	mg/kg wet	50	1.00	---	108	80-120%	---	---	
Trichloroethene (TCE)	1.03	---	0.0250	mg/kg wet	50	1.00	---	103	80-120%	---	---	
Trichlorofluoromethane	1.39	---	0.100	mg/kg wet	50	1.00	---	**139**	**80-120%**	---	---	Q-56
1,2,3-Trichloropropane	1.02	---	0.0500	mg/kg wet	50	1.00	---	102	80-120%	---	---	
1,2,4-Trimethylbenzene	1.13	---	0.0500	mg/kg wet	50	1.00	---	113	80-120%	---	---	
1,3,5-Trimethylbenzene	1.13	---	0.0500	mg/kg wet	50	1.00	---	113	80-120%	---	---	

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050895 - EPA 5035A							**Soil**					
LCS (9050895-BS1)			Prepared: 05/15/19 09:30 Analyzed: 05/15/19 10:59									
Vinyl chloride	1.04	---	0.0250	mg/kg wet	50	1.00	---	104	80-120%	---	---	
m,p-Xylene	2.11	---	0.0500	mg/kg wet	50	2.00	---	106	80-120%	---	---	
o-Xylene	1.06	---	0.0250	mg/kg wet	50	1.00	---	106	80-120%	---	---	
Surr: 1,4-Difluorobenzene (Surr)		*Recovery:*	*103 %*	*Limits:*	*80-120 %*		*Dilution:*	*1x*				
Toluene-d8 (Surr)			*95 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*102 %*		*80-120 %*			*"*				
Duplicate (9050895-DUP1)			Prepared: 05/14/19 17:13 Analyzed: 05/15/19 14:41									**V-15**
QC Source Sample: Non-SDG (A9E0448-01)												
Acetone	ND	---	1.23	mg/kg dry	50	---	ND	---	---	---	30%	
Acrylonitrile	ND	---	0.123	mg/kg dry	50	---	ND	---	---	---	30%	
Benzene	ND	---	0.0123	mg/kg dry	50	---	ND	---	---	---	30%	
Bromobenzene	ND	---	0.0306	mg/kg dry	50	---	ND	---	---	---	30%	
Bromochloromethane	ND	---	0.0613	mg/kg dry	50	---	ND	---	---	---	30%	
Bromodichloromethane	ND	---	0.123	mg/kg dry	50	---	ND	---	---	---	30%	
Bromoform	ND	---	0.245	mg/kg dry	50	---	ND	---	---	---	30%	
Bromomethane	ND	---	0.613	mg/kg dry	50	---	ND	---	---	---	30%	
2-Butanone (MEK)	ND	---	0.613	mg/kg dry	50	---	ND	---	---	---	30%	
n-Butylbenzene	ND	---	0.0613	mg/kg dry	50	---	ND	---	---	---	30%	
sec-Butylbenzene	ND	---	0.0613	mg/kg dry	50	---	ND	---	---	---	30%	
tert-Butylbenzene	ND	---	0.0613	mg/kg dry	50	---	ND	---	---	---	30%	
Carbon disulfide	ND	---	0.613	mg/kg dry	50	---	ND	---	---	---	30%	
Carbon tetrachloride	ND	---	0.123	mg/kg dry	50	---	ND	---	---	---	30%	
Chlorobenzene	ND	---	0.0306	mg/kg dry	50	---	ND	---	---	---	30%	
Chloroethane	ND	---	0.613	mg/kg dry	50	---	ND	---	---	---	30%	
Chloroform	ND	---	0.0613	mg/kg dry	50	---	ND	---	---	---	30%	
Chloromethane	ND	---	0.306	mg/kg dry	50	---	ND	---	---	---	30%	
2-Chlorotoluene	ND	---	0.0613	mg/kg dry	50	---	ND	---	---	---	30%	
4-Chlorotoluene	ND	---	0.0613	mg/kg dry	50	---	ND	---	---	---	30%	
Dibromochloromethane	ND	---	0.123	mg/kg dry	50	---	ND	---	---	---	30%	
1,2-Dibromo-3-chloropropane	ND	---	0.306	mg/kg dry	50	---	ND	---	---	---	30%	
1,2-Dibromoethane (EDB)	ND	---	0.0613	mg/kg dry	50	---	ND	---	---	---	30%	
Dibromomethane	ND	---	0.0613	mg/kg dry	50	---	ND	---	---	---	30%	
1,2-Dichlorobenzene	ND	---	0.0306	mg/kg dry	50	---	ND	---	---	---	30%	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050895 - EPA 5035A							**Soil**					
Duplicate (9050895-DUP1)			Prepared: 05/14/19 17:13 Analyzed: 05/15/19 14:41									**V-15**
QC Source Sample: Non-SDG (A9E0448-01)												
1,3-Dichlorobenzene	ND	---	0.0306	mg/kg dry	50	---	ND	---	---	---	30%	
1,4-Dichlorobenzene	ND	---	0.0306	mg/kg dry	50	---	ND	---	---	---	30%	
Dichlorodifluoromethane	ND	---	0.123	mg/kg dry	50	---	ND	---	---	---	30%	
1,1-Dichloroethane	ND	---	0.0306	mg/kg dry	50	---	ND	---	---	---	30%	
1,2-Dichloroethane (EDC)	ND	---	0.0306	mg/kg dry	50	---	ND	---	---	---	30%	
1,1-Dichloroethene	ND	---	0.0306	mg/kg dry	50	---	ND	---	---	---	30%	
cis-1,2-Dichloroethene	ND	---	0.0306	mg/kg dry	50	---	ND	---	---	---	30%	
trans-1,2-Dichloroethene	ND	---	0.0306	mg/kg dry	50	---	ND	---	---	---	30%	
1,2-Dichloropropane	ND	---	0.0306	mg/kg dry	50	---	ND	---	---	---	30%	
1,3-Dichloropropane	ND	---	0.0613	mg/kg dry	50	---	ND	---	---	---	30%	
2,2-Dichloropropane	ND	---	0.0613	mg/kg dry	50	---	ND	---	---	---	30%	
1,1-Dichloropropene	ND	---	0.0613	mg/kg dry	50	---	ND	---	---	---	30%	
cis-1,3-Dichloropropene	ND	---	0.0613	mg/kg dry	50	---	ND	---	---	---	30%	
trans-1,3-Dichloropropene	ND	---	0.0613	mg/kg dry	50	---	ND	---	---	---	30%	
Ethylbenzene	ND	---	0.0306	mg/kg dry	50	---	ND	---	---	---	30%	
Hexachlorobutadiene	ND	---	0.123	mg/kg dry	50	---	ND	---	---	---	30%	
2-Hexanone	ND	---	0.613	mg/kg dry	50	---	ND	---	---	---	30%	
Isopropylbenzene	ND	---	0.0613	mg/kg dry	50	---	ND	---	---	---	30%	
4-Isopropyltoluene	ND	---	0.0613	mg/kg dry	50	---	ND	---	---	---	30%	
Methylene chloride	ND	---	0.306	mg/kg dry	50	---	ND	---	---	---	30%	
4-Methyl-2-pentanone (MiBK)	ND	---	0.613	mg/kg dry	50	---	ND	---	---	---	30%	
Methyl tert-butyl ether (MTBE)	ND	---	0.0613	mg/kg dry	50	---	ND	---	---	---	30%	
Naphthalene	ND	---	0.123	mg/kg dry	50	---	ND	---	---	---	30%	
n-Propylbenzene	ND	---	0.0306	mg/kg dry	50	---	ND	---	---	---	30%	
Styrene	ND	---	0.0613	mg/kg dry	50	---	ND	---	---	---	30%	
1,1,1,2-Tetrachloroethane	ND	---	0.123	mg/kg dry	50	---	ND	---	---	---	30%	
1,1,2,2-Tetrachloroethane	ND	---	0.0613	mg/kg dry	50	---	ND	---	---	---	30%	
Tetrachloroethene (PCE)	ND	---	0.0306	mg/kg dry	50	---	ND	---	---	---	30%	
Toluene	ND	---	0.0613	mg/kg dry	50	---	ND	---	---	---	30%	
1,2,3-Trichlorobenzene	ND	---	0.306	mg/kg dry	50	---	ND	---	---	---	30%	
1,2,4-Trichlorobenzene	ND	---	0.306	mg/kg dry	50	---	ND	---	---	---	30%	
1,1,1-Trichloroethane	ND	---	0.0306	mg/kg dry	50	---	ND	---	---	---	30%	
1,1,2-Trichloroethane	ND	---	0.0306	mg/kg dry	50	---	ND	---	---	---	30%	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050895 - EPA 5035A							**Soil**					
Duplicate (9050895-DUP1)			Prepared: 05/14/19 17:13 Analyzed: 05/15/19 14:41									**V-15**
QC Source Sample: Non-SDG (A9E0448-01)												
Trichloroethene (TCE)	ND	---	0.0306	mg/kg dry	50	---	ND	---	---	---	30%	
Trichlorofluoromethane	ND	---	0.123	mg/kg dry	50	---	ND	---	---	---	30%	
1,2,3-Trichloropropane	ND	---	0.0613	mg/kg dry	50	---	ND	---	---	---	30%	
1,2,4-Trimethylbenzene	ND	---	0.0613	mg/kg dry	50	---	ND	---	---	---	30%	
1,3,5-Trimethylbenzene	ND	---	0.0613	mg/kg dry	50	---	ND	---	---	---	30%	
Vinyl chloride	ND	---	0.0306	mg/kg dry	50	---	ND	---	---	---	30%	
m,p-Xylene	ND	---	0.0613	mg/kg dry	50	---	ND	---	---	---	30%	
o-Xylene	ND	---	0.0306	mg/kg dry	50	---	ND	---	---	---	30%	
Surr: 1,4-Difluorobenzene (Surr)		*Recovery:*	*104 %*	*Limits:*	*80-120 %*		*Dilution:*	*1x*				
Toluene-d8 (Surr)			*96 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*104 %*		*80-120 %*			*"*				
Matrix Spike (9050895-MS1)			Prepared: 05/10/19 17:32 Analyzed: 05/15/19 15:35									**V-15**
QC Source Sample: Non-SDG (A9E0359-02)												
5035A/8260C												
Acetone	2.55	---	1.27	mg/kg dry	50	2.54	ND	100	36-164%	---	---	
Acrylonitrile	1.44	---	0.127	mg/kg dry	50	1.27	ND	113	65-134%	---	---	
Benzene	1.31	---	0.0127	mg/kg dry	50	1.27	ND	103	77-121%	---	---	
Bromobenzene	1.35	---	0.0317	mg/kg dry	50	1.27	ND	106	78-121%	---	---	
Bromochloromethane	1.33	---	0.0635	mg/kg dry	50	1.27	ND	105	78-125%	---	---	
Bromodichloromethane	1.44	---	0.127	mg/kg dry	50	1.27	ND	113	75-127%	---	---	
Bromoform	1.52	---	0.254	mg/kg dry	50	1.27	ND	120	67-132%	---	---	Q-54c
Bromomethane	1.40	---	0.635	mg/kg dry	50	1.27	ND	110	53-143%	---	---	
2-Butanone (MEK)	2.91	---	0.635	mg/kg dry	50	2.54	ND	115	51-148%	---	---	
n-Butylbenzene	2.05	---	0.0635	mg/kg dry	50	1.27	0.528	120	70-128%	---	---	
sec-Butylbenzene	1.75	---	0.0635	mg/kg dry	50	1.27	0.258	117	73-126%	---	---	
tert-Butylbenzene	1.50	---	0.0635	mg/kg dry	50	1.27	ND	118	73-125%	---	---	
Carbon disulfide	1.14	---	0.635	mg/kg dry	50	1.27	ND	90	63-132%	---	---	
Carbon tetrachloride	1.49	---	0.127	mg/kg dry	50	1.27	ND	118	70-135%	---	---	
Chlorobenzene	1.23	---	0.0317	mg/kg dry	50	1.27	ND	97	79-120%	---	---	
Chloroethane	1.07	---	0.635	mg/kg dry	50	1.27	ND	85	59-139%	---	---	
Chloroform	1.35	---	0.0635	mg/kg dry	50	1.27	ND	106	78-123%	---	---	
Chloromethane	1.22	---	0.317	mg/kg dry	50	1.27	ND	96	50-136%	---	---	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050895 - EPA 5035A							**Soil**					
Matrix Spike (9050895-MS1)			Prepared: 05/10/19 17:32		Analyzed: 05/15/19 15:35							**V-15**
QC Source Sample: Non-SDG (A9E0359-02)												
2-Chlorotoluene	1.44	---	0.0635	mg/kg dry	50	1.27	ND	113	75-122%	---	---	
4-Chlorotoluene	1.42	---	0.0635	mg/kg dry	50	1.27	ND	112	72-124%	---	---	
Dibromochloromethane	1.39	---	0.127	mg/kg dry	50	1.27	ND	110	74-126%	---	---	
1,2-Dibromo-3-chloropropane	1.29	---	0.317	mg/kg dry	50	1.27	ND	102	61-132%	---	---	
1,2-Dibromoethane (EDB)	1.35	---	0.0635	mg/kg dry	50	1.27	ND	106	78-122%	---	---	
Dibromomethane	1.48	---	0.0635	mg/kg dry	50	1.27	ND	117	78-125%	---	---	
1,2-Dichlorobenzene	1.31	---	0.0317	mg/kg dry	50	1.27	ND	103	78-121%	---	---	
1,3-Dichlorobenzene	1.33	---	0.0317	mg/kg dry	50	1.27	ND	105	77-121%	---	---	
1,4-Dichlorobenzene	1.23	---	0.0317	mg/kg dry	50	1.27	ND	97	75-120%	---	---	
Dichlorodifluoromethane	1.35	---	0.127	mg/kg dry	50	1.27	ND	106	29-149%	---	---	
1,1-Dichloroethane	1.20	---	0.0317	mg/kg dry	50	1.27	ND	95	76-125%	---	---	
1,2-Dichloroethane (EDC)	1.33	---	0.0317	mg/kg dry	50	1.27	ND	104	73-128%	---	---	
1,1-Dichloroethene	1.01	---	0.0317	mg/kg dry	50	1.27	ND	80	70-131%	---	---	
cis-1,2-Dichloroethene	1.35	---	0.0317	mg/kg dry	50	1.27	ND	106	77-123%	---	---	
trans-1,2-Dichloroethene	1.15	---	0.0317	mg/kg dry	50	1.27	ND	90	74-125%	---	---	
1,2-Dichloropropane	1.42	---	0.0317	mg/kg dry	50	1.27	ND	112	76-123%	---	---	
1,3-Dichloropropane	1.40	---	0.0635	mg/kg dry	50	1.27	ND	110	77-121%	---	---	
2,2-Dichloropropane	1.53	---	0.0635	mg/kg dry	50	1.27	ND	121	67-133%	---	---	Q-54d
1,1-Dichloropropene	1.33	---	0.0635	mg/kg dry	50	1.27	ND	105	76-125%	---	---	
cis-1,3-Dichloropropene	1.30	---	0.0635	mg/kg dry	50	1.27	ND	103	74-126%	---	---	
trans-1,3-Dichloropropene	1.32	---	0.0635	mg/kg dry	50	1.27	ND	104	71-130%	---	---	
Ethylbenzene	1.28	---	0.0317	mg/kg dry	50	1.27	ND	101	76-122%	---	---	
Hexachlorobutadiene	1.51	---	0.127	mg/kg dry	50	1.27	ND	119	61-135%	---	---	
2-Hexanone	2.79	---	0.635	mg/kg dry	50	2.54	ND	110	53-145%	---	---	
Isopropylbenzene	1.77	---	0.0635	mg/kg dry	50	1.27	0.260	119	68-134%	---	---	
4-Isopropyltoluene	1.45	---	0.0635	mg/kg dry	50	1.27	ND	115	73-127%	---	---	
Methylene chloride	0.958	---	0.317	mg/kg dry	50	1.27	ND	76	70-128%	---	---	Q-54f
4-Methyl-2-pentanone (MiBK)	2.97	---	0.635	mg/kg dry	50	2.54	ND	117	65-135%	---	---	
Methyl tert-butyl ether (MTBE)	1.44	---	0.0635	mg/kg dry	50	1.27	ND	113	73-125%	---	---	
Naphthalene	1.39	---	0.133	mg/kg dry	50	1.27	ND	110	62-129%	---	---	
n-Propylbenzene	2.25	---	0.0317	mg/kg dry	50	1.27	0.784	116	73-125%	---	---	
Styrene	1.32	---	0.0635	mg/kg dry	50	1.27	ND	104	76-124%	---	---	
1,1,1,2-Tetrachloroethane	1.46	---	0.127	mg/kg dry	50	1.27	ND	115	78-125%	---	---	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050895 - EPA 5035A							**Soil**					
Matrix Spike (9050895-MS1)			Prepared: 05/10/19 17:32		Analyzed: 05/15/19 15:35							**V-15**
QC Source Sample: Non-SDG (A9E0359-02)												
1,1,2,2-Tetrachloroethane	1.43	---	0.0635	mg/kg dry	50	1.27	ND	113	70-124%	---	---	
Tetrachloroethene (PCE)	1.21	---	0.0317	mg/kg dry	50	1.27	ND	96	73-128%	---	---	
Toluene	1.16	---	0.0635	mg/kg dry	50	1.27	ND	91	77-121%	---	---	
1,2,3-Trichlorobenzene	1.32	---	0.317	mg/kg dry	50	1.27	ND	104	66-130%	---	---	
1,2,4-Trichlorobenzene	1.41	---	0.317	mg/kg dry	50	1.27	ND	111	67-129%	---	---	
1,1,1-Trichloroethane	1.49	---	0.0317	mg/kg dry	50	1.27	ND	117	73-130%	---	---	
1,1,2-Trichloroethane	1.51	---	0.0317	mg/kg dry	50	1.27	ND	119	78-121%	---	---	
Trichloroethene (TCE)	1.33	---	0.0317	mg/kg dry	50	1.27	ND	105	77-123%	---	---	
Trichlorofluoromethane	1.13	---	0.127	mg/kg dry	50	1.27	ND	89	62-140%	---	---	Q-54b
1,2,3-Trichloropropane	1.30	---	0.0635	mg/kg dry	50	1.27	ND	103	73-125%	---	---	
1,2,4-Trimethylbenzene	1.50	---	0.0635	mg/kg dry	50	1.27	0.0391	115	75-123%	---	---	
1,3,5-Trimethylbenzene	1.48	---	0.0635	mg/kg dry	50	1.27	ND	116	73-124%	---	---	
Vinyl chloride	1.31	---	0.0317	mg/kg dry	50	1.27	ND	103	56-135%	---	---	
m,p-Xylene	2.71	---	0.0635	mg/kg dry	50	2.54	ND	107	77-124%	---	---	
o-Xylene	1.44	---	0.0317	mg/kg dry	50	1.27	0.0265	111	77-123%	---	---	
Surr: 1,4-Difluorobenzene (Surr)		*Recovery:*	*105 %*	*Limits:*	*80-120 %*		*Dilution:*	*1x*				
Toluene-d8 (Surr)			*95 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*104 %*		*80-120 %*			*"*				

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GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051023 - EPA 5035A							**Soil**					
Blank (9051023-BLK1)			Prepared: 05/18/19 10:00 Analyzed: 05/18/19 12:21									
5035A/8260C												
Acetone	ND	---	0.667	mg/kg wet	50	---	---	---	---	---	---	
Acrylonitrile	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
Benzene	ND	---	0.00667	mg/kg wet	50	---	---	---	---	---	---	
Bromobenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Bromochloromethane	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Bromodichloromethane	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
Bromoform	ND	---	0.133	mg/kg wet	50	---	---	---	---	---	---	
Bromomethane	ND	---	0.333	mg/kg wet	50	---	---	---	---	---	---	
2-Butanone (MEK)	ND	---	0.333	mg/kg wet	50	---	---	---	---	---	---	
n-Butylbenzene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
sec-Butylbenzene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
tert-Butylbenzene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Carbon disulfide	ND	---	0.333	mg/kg wet	50	---	---	---	---	---	---	
Carbon tetrachloride	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
Chlorobenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Chloroethane	ND	---	0.333	mg/kg wet	50	---	---	---	---	---	---	
Chloroform	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Chloromethane	ND	---	0.167	mg/kg wet	50	---	---	---	---	---	---	
2-Chlorotoluene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
4-Chlorotoluene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Dibromochloromethane	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
1,2-Dibromo-3-chloropropane	ND	---	0.167	mg/kg wet	50	---	---	---	---	---	---	
1,2-Dibromoethane (EDB)	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Dibromomethane	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
1,2-Dichlorobenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
1,3-Dichlorobenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
1,4-Dichlorobenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Dichlorodifluoromethane	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
1,1-Dichloroethane	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
1,2-Dichloroethane (EDC)	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
1,1-Dichloroethene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
cis-1,2-Dichloroethene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
trans-1,2-Dichloroethene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	

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Philip Nerenberg, Lab Director

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503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051023 - EPA 5035A							**Soil**					
Blank (9051023-BLK1)			Prepared: 05/18/19 10:00 Analyzed: 05/18/19 12:21									
1,2-Dichloropropane	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
1,3-Dichloropropane	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
2,2-Dichloropropane	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
1,1-Dichloropropene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
cis-1,3-Dichloropropene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
trans-1,3-Dichloropropene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Ethylbenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Hexachlorobutadiene	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
2-Hexanone	ND	---	0.333	mg/kg wet	50	---	---	---	---	---	---	
Isopropylbenzene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
4-Isopropyltoluene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Methylene chloride	ND	---	0.167	mg/kg wet	50	---	---	---	---	---	---	
4-Methyl-2-pentanone (MiBK)	ND	---	0.333	mg/kg wet	50	---	---	---	---	---	---	
Methyl tert-butyl ether (MTBE)	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Naphthalene	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
n-Propylbenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Styrene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
1,1,1,2-Tetrachloroethane	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
1,1,2,2-Tetrachloroethane	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Tetrachloroethene (PCE)	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Toluene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
1,2,3-Trichlorobenzene	ND	---	0.167	mg/kg wet	50	---	---	---	---	---	---	
1,2,4-Trichlorobenzene	ND	---	0.167	mg/kg wet	50	---	---	---	---	---	---	
1,1,1-Trichloroethane	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
1,1,2-Trichloroethane	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Trichloroethene (TCE)	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Trichlorofluoromethane	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
1,2,3-Trichloropropane	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
1,2,4-Trimethylbenzene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
1,3,5-Trimethylbenzene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Vinyl chloride	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
m,p-Xylene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
o-Xylene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	

Surr: 1,4-Difluorobenzene (Surr) *Recovery: 102 %* *Limits: 80-120 %* *Dilution: 1x*

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051023 - EPA 5035A							**Soil**					
Blank (9051023-BLK1)			Prepared: 05/18/19 10:00 Analyzed: 05/18/19 12:21									
Surr: Toluene-d8 (Surr)			*Recovery: 97 %*	*Limits: 80-120 %*				*Dilution: 1x*				
4-Bromofluorobenzene (Surr)			*103 %*	*80-120 %*				*"*				
LCS (9051023-BS1)			Prepared: 05/18/19 10:00 Analyzed: 05/18/19 11:27									
5035A/8260C												
Acetone	1.80	---	1.00	mg/kg wet	50	2.00	---	90	80-120%	---	---	
Acrylonitrile	1.00	---	0.100	mg/kg wet	50	1.00	---	100	80-120%	---	---	
Benzene	0.936	---	0.0100	mg/kg wet	50	1.00	---	94	80-120%	---	---	
Bromobenzene	0.984	---	0.0250	mg/kg wet	50	1.00	---	98	80-120%	---	---	
Bromochloromethane	1.00	---	0.0500	mg/kg wet	50	1.00	---	100	80-120%	---	---	
Bromodichloromethane	1.03	---	0.100	mg/kg wet	50	1.00	---	103	80-120%	---	---	
Bromoform	1.39	---	0.200	mg/kg wet	50	1.00	---	**139**	**80-120%**	---	---	Q-56
Bromomethane	1.12	---	0.500	mg/kg wet	50	1.00	---	112	80-120%	---	---	
2-Butanone (MEK)	1.93	---	0.500	mg/kg wet	50	2.00	---	96	80-120%	---	---	
n-Butylbenzene	1.01	---	0.0500	mg/kg wet	50	1.00	---	101	80-120%	---	---	
sec-Butylbenzene	1.03	---	0.0500	mg/kg wet	50	1.00	---	103	80-120%	---	---	
tert-Butylbenzene	1.03	---	0.0500	mg/kg wet	50	1.00	---	103	80-120%	---	---	
Carbon disulfide	0.931	---	0.500	mg/kg wet	50	1.00	---	93	80-120%	---	---	
Carbon tetrachloride	1.25	---	0.100	mg/kg wet	50	1.00	---	**125**	**80-120%**	---	---	Q-56
Chlorobenzene	0.913	---	0.0250	mg/kg wet	50	1.00	---	91	80-120%	---	---	
Chloroethane	0.902	---	0.500	mg/kg wet	50	1.00	---	90	80-120%	---	---	
Chloroform	0.964	---	0.0500	mg/kg wet	50	1.00	---	96	80-120%	---	---	
Chloromethane	0.874	---	0.250	mg/kg wet	50	1.00	---	87	80-120%	---	---	
2-Chlorotoluene	1.00	---	0.0500	mg/kg wet	50	1.00	---	100	80-120%	---	---	
4-Chlorotoluene	1.02	---	0.0500	mg/kg wet	50	1.00	---	102	80-120%	---	---	
Dibromochloromethane	1.13	---	0.100	mg/kg wet	50	1.00	---	113	80-120%	---	---	
1,2-Dibromo-3-chloropropane	1.11	---	0.250	mg/kg wet	50	1.00	---	111	80-120%	---	---	
1,2-Dibromoethane (EDB)	0.969	---	0.0500	mg/kg wet	50	1.00	---	97	80-120%	---	---	
Dibromomethane	1.02	---	0.0500	mg/kg wet	50	1.00	---	102	80-120%	---	---	
1,2-Dichlorobenzene	0.979	---	0.0250	mg/kg wet	50	1.00	---	98	80-120%	---	---	
1,3-Dichlorobenzene	0.974	---	0.0250	mg/kg wet	50	1.00	---	97	80-120%	---	---	
1,4-Dichlorobenzene	0.925	---	0.0250	mg/kg wet	50	1.00	---	93	80-120%	---	---	
Dichlorodifluoromethane	0.915	---	0.100	mg/kg wet	50	1.00	---	92	80-120%	---	---	
1,1-Dichloroethane	0.864	---	0.0250	mg/kg wet	50	1.00	---	86	80-120%	---	---	

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EPA ID: OR01039

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051023 - EPA 5035A							**Soil**					
LCS (9051023-BS1)			Prepared: 05/18/19 10:00 Analyzed: 05/18/19 11:27									
1,2-Dichloroethane (EDC)	0.900	---	0.0250	mg/kg wet	50	1.00	---	90	80-120%	---	---	
1,1-Dichloroethene	0.807	---	0.0250	mg/kg wet	50	1.00	---	81	80-120%	---	---	
cis-1,2-Dichloroethene	0.968	---	0.0250	mg/kg wet	50	1.00	---	97	80-120%	---	---	
trans-1,2-Dichloroethene	0.847	---	0.0250	mg/kg wet	50	1.00	---	85	80-120%	---	---	
1,2-Dichloropropane	0.970	---	0.0250	mg/kg wet	50	1.00	---	97	80-120%	---	---	
1,3-Dichloropropane	0.991	---	0.0500	mg/kg wet	50	1.00	---	99	80-120%	---	---	
2,2-Dichloropropane	1.26	---	0.0500	mg/kg wet	50	1.00	---	**126**	**80-120%**	---	---	Q-56
1,1-Dichloropropene	0.952	---	0.0500	mg/kg wet	50	1.00	---	95	80-120%	---	---	
cis-1,3-Dichloropropene	0.963	---	0.0500	mg/kg wet	50	1.00	---	96	80-120%	---	---	
trans-1,3-Dichloropropene	1.03	---	0.0500	mg/kg wet	50	1.00	---	103	80-120%	---	---	
Ethylbenzene	0.955	---	0.0250	mg/kg wet	50	1.00	---	96	80-120%	---	---	
Hexachlorobutadiene	0.964	---	0.100	mg/kg wet	50	1.00	---	96	80-120%	---	---	
2-Hexanone	1.92	---	0.500	mg/kg wet	50	2.00	---	96	80-120%	---	---	
Isopropylbenzene	1.07	---	0.0500	mg/kg wet	50	1.00	---	107	80-120%	---	---	
4-Isopropyltoluene	1.01	---	0.0500	mg/kg wet	50	1.00	---	101	80-120%	---	---	
Methylene chloride	0.719	---	0.250	mg/kg wet	50	1.00	---	**72**	**80-120%**	---	---	Q-55
4-Methyl-2-pentanone (MiBK)	2.03	---	0.500	mg/kg wet	50	2.00	---	101	80-120%	---	---	
Methyl tert-butyl ether (MTBE)	0.995	---	0.0500	mg/kg wet	50	1.00	---	100	80-120%	---	---	
Naphthalene	0.889	---	0.100	mg/kg wet	50	1.00	---	89	80-120%	---	---	
n-Propylbenzene	1.00	---	0.0250	mg/kg wet	50	1.00	---	100	80-120%	---	---	
Styrene	1.02	---	0.0500	mg/kg wet	50	1.00	---	102	80-120%	---	---	
1,1,1,2-Tetrachloroethane	1.16	---	0.100	mg/kg wet	50	1.00	---	116	80-120%	---	---	
1,1,2,2-Tetrachloroethane	1.15	---	0.0500	mg/kg wet	50	1.00	---	115	80-120%	---	---	
Tetrachloroethene (PCE)	0.904	---	0.0250	mg/kg wet	50	1.00	---	90	80-120%	---	---	
Toluene	0.867	---	0.0500	mg/kg wet	50	1.00	---	87	80-120%	---	---	
1,2,3-Trichlorobenzene	0.948	---	0.250	mg/kg wet	50	1.00	---	95	80-120%	---	---	
1,2,4-Trichlorobenzene	0.968	---	0.250	mg/kg wet	50	1.00	---	97	80-120%	---	---	
1,1,1-Trichloroethane	1.12	---	0.0250	mg/kg wet	50	1.00	---	112	80-120%	---	---	
1,1,2-Trichloroethane	1.02	---	0.0250	mg/kg wet	50	1.00	---	102	80-120%	---	---	
Trichloroethene (TCE)	0.926	---	0.0250	mg/kg wet	50	1.00	---	93	80-120%	---	---	
Trichlorofluoromethane	1.07	---	0.100	mg/kg wet	50	1.00	---	107	80-120%	---	---	
1,2,3-Trichloropropane	0.997	---	0.0500	mg/kg wet	50	1.00	---	100	80-120%	---	---	
1,2,4-Trimethylbenzene	1.05	---	0.0500	mg/kg wet	50	1.00	---	105	80-120%	---	---	
1,3,5-Trimethylbenzene	1.06	---	0.0500	mg/kg wet	50	1.00	---	106	80-120%	---	---	

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051023 - EPA 5035A							**Soil**					
LCS (9051023-BS1)			Prepared: 05/18/19 10:00 Analyzed: 05/18/19 11:27									
Vinyl chloride	0.967	---	0.0250	mg/kg wet	50	1.00	---	97	80-120%	---	---	
m,p-Xylene	2.03	---	0.0500	mg/kg wet	50	2.00	---	101	80-120%	---	---	
o-Xylene	1.03	---	0.0250	mg/kg wet	50	1.00	---	103	80-120%	---	---	
Surr: 1,4-Difluorobenzene (Surr)		*Recovery:*	*101 %*	*Limits:*	*80-120 %*		*Dilution:*	*1x*				
Toluene-d8 (Surr)			*95 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*100 %*		*80-120 %*			*"*				
Duplicate (9051023-DUP1)			Prepared: 05/11/19 11:45 Analyzed: 05/18/19 16:53									
QC Source Sample: DP-11(10-11) (A9E0401-36)												
5035A/8260C												
Acetone	ND	---	1.18	mg/kg dry	50	---	ND	---	---	---	30%	
Acrylonitrile	ND	---	0.118	mg/kg dry	50	---	ND	---	---	---	30%	
Benzene	ND	---	0.0118	mg/kg dry	50	---	ND	---	---	---	30%	
Bromobenzene	ND	---	0.0296	mg/kg dry	50	---	ND	---	---	---	30%	
Bromochloromethane	ND	---	0.0591	mg/kg dry	50	---	ND	---	---	---	30%	
Bromodichloromethane	ND	---	0.118	mg/kg dry	50	---	ND	---	---	---	30%	
Bromoform	ND	---	0.237	mg/kg dry	50	---	ND	---	---	---	30%	
Bromomethane	ND	---	0.591	mg/kg dry	50	---	ND	---	---	---	30%	
2-Butanone (MEK)	ND	---	0.591	mg/kg dry	50	---	ND	---	---	---	30%	
n-Butylbenzene	ND	---	0.0591	mg/kg dry	50	---	ND	---	---	---	30%	
sec-Butylbenzene	ND	---	0.0591	mg/kg dry	50	---	ND	---	---	---	30%	
tert-Butylbenzene	ND	---	0.0591	mg/kg dry	50	---	ND	---	---	---	30%	
Carbon disulfide	ND	---	0.591	mg/kg dry	50	---	ND	---	---	---	30%	
Carbon tetrachloride	ND	---	0.118	mg/kg dry	50	---	ND	---	---	---	30%	
Chlorobenzene	ND	---	0.0296	mg/kg dry	50	---	ND	---	---	---	30%	
Chloroethane	ND	---	0.591	mg/kg dry	50	---	ND	---	---	---	30%	
Chloroform	ND	---	0.0591	mg/kg dry	50	---	ND	---	---	---	30%	
Chloromethane	ND	---	0.296	mg/kg dry	50	---	ND	---	---	---	30%	
2-Chlorotoluene	ND	---	0.0591	mg/kg dry	50	---	ND	---	---	---	30%	
4-Chlorotoluene	ND	---	0.0591	mg/kg dry	50	---	ND	---	---	---	30%	
Dibromochloromethane	ND	---	0.118	mg/kg dry	50	---	ND	---	---	---	30%	
1,2-Dibromo-3-chloropropane	ND	---	0.296	mg/kg dry	50	---	ND	---	---	---	30%	
1,2-Dibromoethane (EDB)	ND	---	0.0591	mg/kg dry	50	---	ND	---	---	---	30%	
Dibromomethane	ND	---	0.0591	mg/kg dry	50	---	ND	---	---	---	30%	

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QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051023 - EPA 5035A							**Soil**					
Duplicate (9051023-DUP1)			Prepared: 05/11/19 11:45 Analyzed: 05/18/19 16:53									
QC Source Sample: DP-11(10-11) (A9E0401-36)												
1,2-Dichlorobenzene	ND	---	0.0296	mg/kg dry	50	---	ND	---	---	---	30%	
1,3-Dichlorobenzene	ND	---	0.0296	mg/kg dry	50	---	ND	---	---	---	30%	
1,4-Dichlorobenzene	ND	---	0.0296	mg/kg dry	50	---	ND	---	---	---	30%	
Dichlorodifluoromethane	ND	---	0.118	mg/kg dry	50	---	ND	---	---	---	30%	
1,1-Dichloroethane	ND	---	0.0296	mg/kg dry	50	---	ND	---	---	---	30%	
1,2-Dichloroethane (EDC)	ND	---	0.0296	mg/kg dry	50	---	ND	---	---	---	30%	
1,1-Dichloroethene	ND	---	0.0296	mg/kg dry	50	---	ND	---	---	---	30%	
cis-1,2-Dichloroethene	ND	---	0.0296	mg/kg dry	50	---	ND	---	---	---	30%	
trans-1,2-Dichloroethene	ND	---	0.0296	mg/kg dry	50	---	ND	---	---	---	30%	
1,2-Dichloropropane	ND	---	0.0296	mg/kg dry	50	---	ND	---	---	---	30%	
1,3-Dichloropropane	ND	---	0.0591	mg/kg dry	50	---	ND	---	---	---	30%	
2,2-Dichloropropane	ND	---	0.0591	mg/kg dry	50	---	ND	---	---	---	30%	
1,1-Dichloropropene	ND	---	0.0591	mg/kg dry	50	---	ND	---	---	---	30%	
cis-1,3-Dichloropropene	ND	---	0.0591	mg/kg dry	50	---	ND	---	---	---	30%	
trans-1,3-Dichloropropene	ND	---	0.0591	mg/kg dry	50	---	ND	---	---	---	30%	
Ethylbenzene	ND	---	0.0296	mg/kg dry	50	---	ND	---	---	---	30%	
Hexachlorobutadiene	ND	---	0.118	mg/kg dry	50	---	ND	---	---	---	30%	
2-Hexanone	ND	---	0.591	mg/kg dry	50	---	ND	---	---	---	30%	
Isopropylbenzene	ND	---	0.0591	mg/kg dry	50	---	ND	---	---	---	30%	
4-Isopropyltoluene	ND	---	0.0591	mg/kg dry	50	---	ND	---	---	---	30%	
Methylene chloride	ND	---	0.296	mg/kg dry	50	---	ND	---	---	---	30%	
4-Methyl-2-pentanone (MiBK)	ND	---	0.591	mg/kg dry	50	---	ND	---	---	---	30%	
Methyl tert-butyl ether (MTBE)	ND	---	0.0591	mg/kg dry	50	---	ND	---	---	---	30%	
Naphthalene	ND	---	0.118	mg/kg dry	50	---	ND	---	---	---	30%	
n-Propylbenzene	ND	---	0.0296	mg/kg dry	50	---	ND	---	---	---	30%	
Styrene	ND	---	0.0591	mg/kg dry	50	---	ND	---	---	---	30%	
1,1,1,2-Tetrachloroethane	ND	---	0.118	mg/kg dry	50	---	ND	---	---	---	30%	
1,1,2,2-Tetrachloroethane	ND	---	0.0591	mg/kg dry	50	---	ND	---	---	---	30%	
Tetrachloroethene (PCE)	ND	---	0.0296	mg/kg dry	50	---	ND	---	---	---	30%	
Toluene	ND	---	0.0591	mg/kg dry	50	---	ND	---	---	---	30%	
1,2,3-Trichlorobenzene	ND	---	0.296	mg/kg dry	50	---	ND	---	---	---	30%	
1,2,4-Trichlorobenzene	ND	---	0.296	mg/kg dry	50	---	ND	---	---	---	30%	
1,1,1-Trichloroethane	ND	---	0.0296	mg/kg dry	50	---	ND	---	---	---	30%	

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503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051023 - EPA 5035A							**Soil**					
Duplicate (9051023-DUP1)			Prepared: 05/11/19 11:45 Analyzed: 05/18/19 16:53									
QC Source Sample: DP-11(10-11) (A9E0401-36)												
1,1,2-Trichloroethane	ND	---	0.0296	mg/kg dry	50	---	ND	---	---	---	30%	
Trichloroethene (TCE)	ND	---	0.0296	mg/kg dry	50	---	ND	---	---	---	30%	
Trichlorofluoromethane	ND	---	0.118	mg/kg dry	50	---	ND	---	---	---	30%	
1,2,3-Trichloropropane	ND	---	0.0591	mg/kg dry	50	---	ND	---	---	---	30%	
1,2,4-Trimethylbenzene	ND	---	0.0591	mg/kg dry	50	---	ND	---	---	---	30%	
1,3,5-Trimethylbenzene	ND	---	0.0591	mg/kg dry	50	---	ND	---	---	---	30%	
Vinyl chloride	ND	---	0.0296	mg/kg dry	50	---	ND	---	---	---	30%	
m,p-Xylene	ND	---	0.0591	mg/kg dry	50	---	ND	---	---	---	30%	
o-Xylene	ND	---	0.0296	mg/kg dry	50	---	ND	---	---	---	30%	
Surr: 1,4-Difluorobenzene (Surr)		*Recovery:*	*103 %*	*Limits:*	*80-120 %*		*Dilution:*	*1x*				
Toluene-d8 (Surr)			*95 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*103 %*		*80-120 %*			*"*				
Matrix Spike (9051023-MS1)			Prepared: 05/11/19 17:05 Analyzed: 05/18/19 22:45									
QC Source Sample: DP-16(2-3) (A9E0401-52)												
5035A/8260C												
Acetone	2.25	---	1.31	mg/kg dry	50	2.62	ND	86	36-164%	---	---	
Acrylonitrile	1.36	---	0.131	mg/kg dry	50	1.31	ND	104	65-134%	---	---	
Benzene	1.38	---	0.0131	mg/kg dry	50	1.31	ND	106	77-121%	---	---	
Bromobenzene	1.35	---	0.0327	mg/kg dry	50	1.31	ND	103	78-121%	---	---	
Bromochloromethane	1.51	---	0.0654	mg/kg dry	50	1.31	ND	115	78-125%	---	---	
Bromodichloromethane	1.57	---	0.131	mg/kg dry	50	1.31	ND	120	75-127%	---	---	
Bromoform	1.73	---	0.262	mg/kg dry	50	1.31	ND	132	67-132%	---	---	Q-54a
Bromomethane	1.80	---	0.654	mg/kg dry	50	1.31	ND	137	53-143%	---	---	
2-Butanone (MEK)	2.66	---	0.654	mg/kg dry	50	2.62	ND	102	51-148%	---	---	
n-Butylbenzene	1.32	---	0.0654	mg/kg dry	50	1.31	ND	101	70-128%	---	---	
sec-Butylbenzene	1.36	---	0.0654	mg/kg dry	50	1.31	ND	104	73-126%	---	---	
tert-Butylbenzene	1.36	---	0.0654	mg/kg dry	50	1.31	ND	104	73-125%	---	---	
Carbon disulfide	1.33	---	0.654	mg/kg dry	50	1.31	ND	102	63-132%	---	---	
Carbon tetrachloride	1.58	---	0.131	mg/kg dry	50	1.31	ND	121	70-135%	---	---	Q-54d
Chlorobenzene	1.23	---	0.0327	mg/kg dry	50	1.31	ND	94	79-120%	---	---	
Chloroethane	3.05	---	0.654	mg/kg dry	50	1.31	ND	**233**	**59-139%**	---	---	Q-01
Chloroform	1.44	---	0.0654	mg/kg dry	50	1.31	ND	110	78-123%	---	---	

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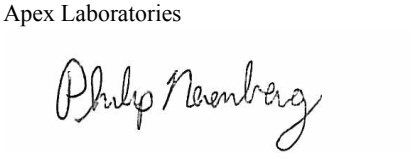

Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051023 - EPA 5035A							**Soil**					
Matrix Spike (9051023-MS1)			Prepared: 05/11/19 17:05		Analyzed: 05/18/19 22:45							
QC Source Sample: DP-16(2-3) (A9E0401-52)												
Chloromethane	1.20	---	0.327	mg/kg dry	50	1.31	ND	92	50-136%	---	---	
2-Chlorotoluene	1.34	---	0.0654	mg/kg dry	50	1.31	ND	103	75-122%	---	---	
4-Chlorotoluene	1.39	---	0.0654	mg/kg dry	50	1.31	ND	106	72-124%	---	---	
Dibromochloromethane	1.45	---	0.131	mg/kg dry	50	1.31	ND	111	74-126%	---	---	
1,2-Dibromo-3-chloropropane	1.17	---	0.327	mg/kg dry	50	1.31	ND	89	61-132%	---	---	
1,2-Dibromoethane (EDB)	1.29	---	0.0654	mg/kg dry	50	1.31	ND	99	78-122%	---	---	
Dibromomethane	1.58	---	0.0654	mg/kg dry	50	1.31	ND	121	78-125%	---	---	
1,2-Dichlorobenzene	1.33	---	0.0327	mg/kg dry	50	1.31	ND	101	78-121%	---	---	
1,3-Dichlorobenzene	1.31	---	0.0327	mg/kg dry	50	1.31	ND	100	77-121%	---	---	
1,4-Dichlorobenzene	1.25	---	0.0327	mg/kg dry	50	1.31	ND	95	75-120%	---	---	
Dichlorodifluoromethane	1.20	---	0.131	mg/kg dry	50	1.31	ND	92	29-149%	---	---	
1,1-Dichloroethane	1.28	---	0.0327	mg/kg dry	50	1.31	ND	98	76-125%	---	---	
1,2-Dichloroethane (EDC)	1.44	---	0.0327	mg/kg dry	50	1.31	ND	110	73-128%	---	---	
1,1-Dichloroethene	1.29	---	0.0327	mg/kg dry	50	1.31	ND	99	70-131%	---	---	
cis-1,2-Dichloroethene	1.40	---	0.0327	mg/kg dry	50	1.31	ND	107	77-123%	---	---	
trans-1,2-Dichloroethene	1.19	---	0.0327	mg/kg dry	50	1.31	ND	91	74-125%	---	---	
1,2-Dichloropropane	1.50	---	0.0327	mg/kg dry	50	1.31	ND	114	76-123%	---	---	
1,3-Dichloropropane	1.36	---	0.0654	mg/kg dry	50	1.31	ND	104	77-121%	---	---	
2,2-Dichloropropane	1.30	---	0.0654	mg/kg dry	50	1.31	ND	99	67-133%	---	---	Q-54e
1,1-Dichloropropene	1.35	---	0.0654	mg/kg dry	50	1.31	ND	103	76-125%	---	---	
cis-1,3-Dichloropropene	1.15	---	0.0654	mg/kg dry	50	1.31	ND	88	74-126%	---	---	
trans-1,3-Dichloropropene	1.29	---	0.0654	mg/kg dry	50	1.31	ND	99	71-130%	---	---	
Ethylbenzene	1.25	---	0.0327	mg/kg dry	50	1.31	ND	96	76-122%	---	---	
Hexachlorobutadiene	1.24	---	0.131	mg/kg dry	50	1.31	ND	94	61-135%	---	---	
2-Hexanone	2.45	---	0.654	mg/kg dry	50	2.62	ND	94	53-145%	---	---	
Isopropylbenzene	1.39	---	0.0654	mg/kg dry	50	1.31	ND	107	68-134%	---	---	
4-Isopropyltoluene	1.30	---	0.0654	mg/kg dry	50	1.31	ND	100	73-127%	---	---	
Methylene chloride	1.01	---	0.327	mg/kg dry	50	1.31	ND	77	70-128%	---	---	Q-54j
4-Methyl-2-pentanone (MiBK)	2.74	---	0.654	mg/kg dry	50	2.62	ND	105	65-135%	---	---	
Methyl tert-butyl ether (MTBE)	1.47	---	0.0654	mg/kg dry	50	1.31	ND	113	73-125%	---	---	
Naphthalene	1.00	---	0.131	mg/kg dry	50	1.31	ND	77	62-129%	---	---	
n-Propylbenzene	1.35	---	0.0327	mg/kg dry	50	1.31	ND	103	73-125%	---	---	
Styrene	1.29	---	0.0654	mg/kg dry	50	1.31	ND	99	76-124%	---	---	

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503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051023 - EPA 5035A							**Soil**					
Matrix Spike (9051023-MS1)			Prepared: 05/11/19 17:05		Analyzed: 05/18/19 22:45							
QC Source Sample: DP-16(2-3) (A9E0401-52)												
1,1,1,2-Tetrachloroethane	1.51	---	0.131	mg/kg dry	50	1.31	ND	115	78-125%	---	---	
1,1,2,2-Tetrachloroethane	1.58	---	0.0654	mg/kg dry	50	1.31	ND	121	70-124%	---	---	
Tetrachloroethene (PCE)	1.12	---	0.0327	mg/kg dry	50	1.31	ND	86	73-128%	---	---	
Toluene	1.13	---	0.0654	mg/kg dry	50	1.31	ND	86	77-121%	---	---	
1,2,3-Trichlorobenzene	1.16	---	0.327	mg/kg dry	50	1.31	ND	89	66-130%	---	---	
1,2,4-Trichlorobenzene	1.19	---	0.327	mg/kg dry	50	1.31	ND	91	67-129%	---	---	
1,1,1-Trichloroethane	1.56	---	0.0327	mg/kg dry	50	1.31	ND	119	73-130%	---	---	
1,1,2-Trichloroethane	1.39	---	0.0327	mg/kg dry	50	1.31	ND	107	78-121%	---	---	
Trichloroethene (TCE)	1.32	---	0.0327	mg/kg dry	50	1.31	ND	101	77-123%	---	---	
Trichlorofluoromethane	6.40	---	0.131	mg/kg dry	50	1.31	ND	**489**	**62-140%**	---	---	Q-01
1,2,3-Trichloropropane	1.39	---	0.0654	mg/kg dry	50	1.31	ND	106	73-125%	---	---	
1,2,4-Trimethylbenzene	1.41	---	0.0654	mg/kg dry	50	1.31	ND	108	75-123%	---	---	
1,3,5-Trimethylbenzene	1.40	---	0.0654	mg/kg dry	50	1.31	ND	107	73-124%	---	---	
Vinyl chloride	1.39	---	0.0327	mg/kg dry	50	1.31	ND	106	56-135%	---	---	
m,p-Xylene	2.63	---	0.0654	mg/kg dry	50	2.62	ND	101	77-124%	---	---	
o-Xylene	1.33	---	0.0327	mg/kg dry	50	1.31	ND	102	77-123%	---	---	
Surr: 1,4-Difluorobenzene (Surr)		*Recovery:*	*109 %*	*Limits:*	*80-120 %*		*Dilution:*	*1x*				
Toluene-d8 (Surr)			*91 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*100 %*		*80-120 %*			*"*				

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GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Polychlorinated Biphenyls by EPA 8082A

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050839 - EPA 3546							**Soil**					
Blank (9050839-BLK1)			Prepared: 05/14/19 10:11		Analyzed: 05/15/19 08:37							**C-07**
EPA 8082A												
Aroclor 1016	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1221	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1232	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1242	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1248	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1254	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1260	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Surr: Decachlorobiphenyl (Surr)			*Recovery: 94 %*		*Limits: 60-125 %*			*Dilution: 1x*				
LCS (9050839-BS1)			Prepared: 05/14/19 10:11		Analyzed: 05/15/19 08:55							**C-07**
EPA 8082A												
Aroclor 1016	0.217	---	0.0100	mg/kg wet	1	0.250	---	87	47-134%	---	---	
Aroclor 1260	0.225	---	0.0100	mg/kg wet	1	0.250	---	90	53-140%	---	---	
Surr: Decachlorobiphenyl (Surr)			*Recovery: 100 %*		*Limits: 60-125 %*			*Dilution: 1x*				
Duplicate (9050839-DUP1)			Prepared: 05/14/19 10:11		Analyzed: 05/15/19 09:49							**C-07**
QC Source Sample: DP-1(0.5-1.5) (A9E0401-01)												
EPA 8082A												
Aroclor 1016	ND	---	0.0117	mg/kg dry	1	---	ND	---	---	---	30%	
Aroclor 1221	ND	---	0.0117	mg/kg dry	1	---	ND	---	---	---	30%	
Aroclor 1232	ND	---	0.0117	mg/kg dry	1	---	ND	---	---	---	30%	
Aroclor 1242	ND	---	0.0117	mg/kg dry	1	---	ND	---	---	---	30%	
Aroclor 1248	ND	---	0.0117	mg/kg dry	1	---	ND	---	---	---	30%	
Aroclor 1254	ND	---	0.0117	mg/kg dry	1	---	ND	---	---	---	30%	
Aroclor 1260	ND	---	0.0117	mg/kg dry	1	---	ND	---	---	---	30%	
Surr: Decachlorobiphenyl (Surr)			*Recovery: 87 %*		*Limits: 60-125 %*			*Dilution: 1x*				
Matrix Spike (9050839-MS1)			Prepared: 05/14/19 10:11		Analyzed: 05/15/19 11:07							**C-07**
QC Source Sample: Non-SDG (A9E0412-01)												
EPA 8082A												
Aroclor 1016	0.189	---	0.0112	mg/kg dry	1	0.280	ND	68	47-134%	---	---	
Aroclor 1260	0.226	---	0.0112	mg/kg dry	1	0.280	0.0107	77	53-140%	---	---	

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Polychlorinated Biphenyls by EPA 8082A

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050839 - EPA 3546							**Soil**					
Matrix Spike (9050839-MS1)			Prepared: 05/14/19 10:11		Analyzed: 05/15/19 11:07							**C-07**
QC Source Sample: Non-SDG (A9E0412-01)												
Surr: Decachlorobiphenyl (Surr)			*Recovery: 83 %*		*Limits: 60-125 %*		*Dilution: 1x*					

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Polychlorinated Biphenyls by EPA 8082A

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050884 - EPA 3546							**Soil**					
Blank (9050884-BLK1)			Prepared: 05/15/19 07:14		Analyzed: 05/16/19 08:23							**C-07**
EPA 8082A												
Aroclor 1016	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1221	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1232	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1242	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1248	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1254	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1260	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Surr: Decachlorobiphenyl (Surr)			*Recovery: 91 %*		*Limits: 60-125 %*			*Dilution: 1x*				
LCS (9050884-BS1)			Prepared: 05/15/19 07:14		Analyzed: 05/16/19 08:41							**C-07**
EPA 8082A												
Aroclor 1016	0.179	---	0.0100	mg/kg wet	1	0.250	---	72	47-134%	---	---	
Aroclor 1260	0.196	---	0.0100	mg/kg wet	1	0.250	---	79	53-140%	---	---	
Surr: Decachlorobiphenyl (Surr)			*Recovery: 85 %*		*Limits: 60-125 %*			*Dilution: 1x*				
Duplicate (9050884-DUP1)			Prepared: 05/15/19 07:14		Analyzed: 05/16/19 09:35							**C-07**
QC Source Sample: Non-SDG (A9E0359-02)												
Aroclor 1016	ND	---	0.0119	mg/kg dry	1	---	ND	---	---	---	30%	
Aroclor 1221	ND	---	0.0119	mg/kg dry	1	---	ND	---	---	---	30%	
Aroclor 1232	ND	---	0.0119	mg/kg dry	1	---	ND	---	---	---	30%	
Aroclor 1242	ND	---	0.0119	mg/kg dry	1	---	ND	---	---	---	30%	
Aroclor 1248	ND	---	0.0119	mg/kg dry	1	---	ND	---	---	---	30%	
Aroclor 1254	ND	---	0.0119	mg/kg dry	1	---	ND	---	---	---	30%	
Aroclor 1260	ND	---	0.0119	mg/kg dry	1	---	ND	---	---	---	30%	
Surr: Decachlorobiphenyl (Surr)			*Recovery: 76 %*		*Limits: 60-125 %*			*Dilution: 1x*				
Matrix Spike (9050884-MS1)			Prepared: 05/15/19 07:14		Analyzed: 05/16/19 12:00							**C-07**
QC Source Sample: Non-SDG (A9E0426-08)												
EPA 8082A												
Aroclor 1016	0.234	---	0.0118	mg/kg dry	1	0.296	ND	79	47-134%	---	---	
Aroclor 1260	0.234	---	0.0118	mg/kg dry	1	0.296	ND	79	53-140%	---	---	
Surr: Decachlorobiphenyl (Surr)			*Recovery: 84 %*		*Limits: 60-125 %*			*Dilution: 1x*				

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Polychlorinated Biphenyls by EPA 8082A

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050884 - EPA 3546							**Soil**					

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Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	A9E0401 - 06 04 19 1033

QUALITY CONTROL (QC) SAMPLE RESULTS

Polychlorinated Biphenyls by EPA 8082A

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050926 - EPA 3546							**Soil**					
Blank (9050926-BLK1)			Prepared: 05/15/19 15:13		Analyzed: 05/17/19 08:29							**C-07**
EPA 8082A												
Aroclor 1016	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1221	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1232	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1242	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1248	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1254	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1260	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Surr: Decachlorobiphenyl (Surr)			*Recovery: 98 %*		*Limits: 60-125 %*			*Dilution: 1x*				
LCS (9050926-BS1)			Prepared: 05/15/19 15:13		Analyzed: 05/17/19 08:47							**C-07**
EPA 8082A												
Aroclor 1016	0.200	---	0.0100	mg/kg wet	1	0.250	---	80	47-134%	---	---	
Aroclor 1260	0.223	---	0.0100	mg/kg wet	1	0.250	---	89	53-140%	---	---	
Surr: Decachlorobiphenyl (Surr)			*Recovery: 98 %*		*Limits: 60-125 %*			*Dilution: 1x*				
Duplicate (9050926-DUP1)			Prepared: 05/15/19 15:13		Analyzed: 05/17/19 09:41							**C-07**
QC Source Sample: DP-13(9-10) (A9E0401-44)												
EPA 8082A												
Aroclor 1016	ND	---	0.0118	mg/kg dry	1	---	ND	---	---	---	30%	
Aroclor 1221	ND	---	0.0118	mg/kg dry	1	---	ND	---	---	---	30%	
Aroclor 1232	ND	---	0.0118	mg/kg dry	1	---	ND	---	---	---	30%	
Aroclor 1242	ND	---	0.0118	mg/kg dry	1	---	ND	---	---	---	30%	
Aroclor 1248	ND	---	0.0118	mg/kg dry	1	---	ND	---	---	---	30%	
Aroclor 1254	ND	---	0.0118	mg/kg dry	1	---	ND	---	---	---	30%	
Aroclor 1260	ND	---	0.0118	mg/kg dry	1	---	ND	---	---	---	30%	
Surr: Decachlorobiphenyl (Surr)			*Recovery: 90 %*		*Limits: 60-125 %*			*Dilution: 1x*				
Matrix Spike (9050926-MS1)			Prepared: 05/15/19 15:13		Analyzed: 05/17/19 12:42							**C-07**
QC Source Sample: DP-16(2-3) (A9E0401-52)												
EPA 8082A												
Aroclor 1016	0.230	---	0.0128	mg/kg dry	1	0.319	ND	72	47-134%	---	---	
Aroclor 1260	0.253	---	0.0128	mg/kg dry	1	0.319	ND	79	53-140%	---	---	

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Polychlorinated Biphenyls by EPA 8082A

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050926 - EPA 3546							**Soil**					
Matrix Spike (9050926-MS1)			Prepared: 05/15/19 15:13 Analyzed: 05/17/19 12:42									**C-07**
QC Source Sample: DP-16(2-3) (A9E0401-52)												
Surr: Decachlorobiphenyl (Surr)			*Recovery: 87 %*	*Limits: 60-125 %*			*Dilution: 1x*					

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QUALITY CONTROL (QC) SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050815 - EPA 3546							**Soil**					
Blank (9050815-BLK1)			Prepared: 05/14/19 06:33		Analyzed: 05/14/19 15:27							
EPA 8270D (SIM)												
Acenaphthene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Acenaphthylene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Anthracene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Benz(a)anthracene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Benzo(a)pyrene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Benzo(b)fluoranthene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Benzo(k)fluoranthene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Benzo(g,h,i)perylene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Chrysene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Dibenz(a,h)anthracene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Dibenzofuran	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Fluoranthene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Fluorene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Indeno(1,2,3-cd)pyrene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
1-Methylnaphthalene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
2-Methylnaphthalene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Naphthalene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Phenanthrene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Pyrene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Surr: 2-Fluorobiphenyl (Surr)			*Recovery: 86 %*		*Limits: 44-120 %*			*Dilution: 1x*				
p-Terphenyl-d14 (Surr)			*86 %*		*54-127 %*			*"*				
LCS (9050815-BS1)			Prepared: 05/14/19 06:33		Analyzed: 05/14/19 15:54							
EPA 8270D (SIM)												
Acenaphthene	0.726	---	0.0100	mg/kg wet	1	0.800	---	91	40-122%	---	---	
Acenaphthylene	0.769	---	0.0100	mg/kg wet	1	0.800	---	96	32-132%	---	---	
Anthracene	0.746	---	0.0100	mg/kg wet	1	0.800	---	93	47-123%	---	---	
Benz(a)anthracene	0.730	---	0.0100	mg/kg wet	1	0.800	---	91	49-126%	---	---	
Benzo(a)pyrene	0.758	---	0.0100	mg/kg wet	1	0.800	---	95	45-129%	---	---	
Benzo(b)fluoranthene	0.715	---	0.0100	mg/kg wet	1	0.800	---	89	45-132%	---	---	
Benzo(k)fluoranthene	0.730	---	0.0100	mg/kg wet	1	0.800	---	91	47-132%	---	---	
Benzo(g,h,i)perylene	0.690	---	0.0100	mg/kg wet	1	0.800	---	86	43-134%	---	---	
Chrysene	0.717	---	0.0100	mg/kg wet	1	0.800	---	90	50-124%	---	---	

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050815 - EPA 3546							**Soil**					
LCS (9050815-BS1)			Prepared: 05/14/19 06:33		Analyzed: 05/14/19 15:54							
Dibenz(a,h)anthracene	0.744	---	0.0100	mg/kg wet	1	0.800	---	93	45-134%	---	---	
Dibenzofuran	0.763	---	0.0100	mg/kg wet	1	0.800	---	95	44-120%	---	---	
Fluoranthene	0.760	---	0.0100	mg/kg wet	1	0.800	---	95	50-127%	---	---	
Fluorene	0.774	---	0.0100	mg/kg wet	1	0.800	---	97	43-125%	---	---	
Indeno(1,2,3-cd)pyrene	0.703	---	0.0100	mg/kg wet	1	0.800	---	88	45-133%	---	---	
1-Methylnaphthalene	0.707	---	0.0100	mg/kg wet	1	0.800	---	88	40-120%	---	---	
2-Methylnaphthalene	0.718	---	0.0100	mg/kg wet	1	0.800	---	90	38-122%	---	---	
Naphthalene	0.711	---	0.0100	mg/kg wet	1	0.800	---	89	35-123%	---	---	
Phenanthrene	0.724	---	0.0100	mg/kg wet	1	0.800	---	91	50-121%	---	---	
Pyrene	0.770	---	0.0100	mg/kg wet	1	0.800	---	96	47-127%	---	---	
Surr: 2-Fluorobiphenyl (Surr)			*Recovery: 85 %*		*Limits: 44-120 %*							
p-Terphenyl-d14 (Surr)			*85 %*		*54-127 %*							
Duplicate (9050815-DUP1)			Prepared: 05/14/19 06:33		Analyzed: 05/14/19 16:48							
QC Source Sample: Non-SDG (A9E0235-01)												
Acenaphthene	ND	---	0.0100	mg/kg dry	1	---	ND	---	---	---	30%	
Acenaphthylene	ND	---	0.0100	mg/kg dry	1	---	ND	---	---	---	30%	
Anthracene	ND	---	0.0100	mg/kg dry	1	---	ND	---	---	---	30%	
Benz(a)anthracene	**0.0148**	---	0.0100	mg/kg dry	1	---	0.00956	---	---	**43**	**30%**	M-05, Q-05
Benzo(a)pyrene	**0.0145**	---	0.0100	mg/kg dry	1	---	0.00987	---	---	**38**	**30%**	Q-05
Benzo(b)fluoranthene	**0.0307**	---	0.0100	mg/kg dry	1	---	0.0166	---	---	**59**	**30%**	M-05, Q-05
Benzo(k)fluoranthene	ND	---	0.0100	mg/kg dry	1	---	ND	---	---	**---**	**30%**	Q-05
Benzo(g,h,i)perylene	**0.0250**	---	0.0100	mg/kg dry	1	---	0.0163	---	---	**42**	**30%**	Q-05
Chrysene	**0.0211**	---	0.0100	mg/kg dry	1	---	0.0129	---	---	**48**	**30%**	M-05, Q-05
Dibenz(a,h)anthracene	ND	---	0.0100	mg/kg dry	1	---	ND	---	---	---	30%	
Dibenzofuran	ND	---	0.0100	mg/kg dry	1	---	ND	---	---	---	30%	
Fluoranthene	**0.0187**	---	0.0100	mg/kg dry	1	---	0.0120	---	---	**43**	**30%**	Q-05
Fluorene	ND	---	0.0100	mg/kg dry	1	---	ND	---	---	---	30%	
Indeno(1,2,3-cd)pyrene	**0.0208**	---	0.0100	mg/kg dry	1	---	0.0138	---	---	**41**	**30%**	Q-05
1-Methylnaphthalene	ND	---	0.0100	mg/kg dry	1	---	ND	---	---	---	30%	
2-Methylnaphthalene	ND	---	0.0100	mg/kg dry	1	---	ND	---	---	---	30%	
Naphthalene	ND	---	0.0100	mg/kg dry	1	---	ND	---	---	---	30%	
Phenanthrene	ND	---	0.0100	mg/kg dry	1	---	0.00658	---	---	***	**30%**	Q-05
Pyrene	**0.0226**	---	0.0100	mg/kg dry	1	---	0.0152	---	---	**39**	**30%**	Q-05

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050815 - EPA 3546							**Soil**					
Duplicate (9050815-DUP1)			Prepared: 05/14/19 06:33		Analyzed: 05/14/19 16:48							
QC Source Sample: Non-SDG (A9E0235-01)												
Surr: 2-Fluorobiphenyl (Surr)			*Recovery: 81 %*		*Limits: 44-120 %*			*Dilution: 1x*				
p-Terphenyl-d14 (Surr)			*80 %*		*54-127 %*			*"*				
Matrix Spike (9050815-MS1)			Prepared: 05/14/19 06:33		Analyzed: 05/14/19 22:35							
QC Source Sample: DP-15(4-5) (A9E0401-49)												
EPA 8270D (SIM)												
Acenaphthene	0.781	---	0.0117	mg/kg dry	1	0.934	ND	84	40-122%	---	---	
Acenaphthylene	0.800	---	0.0117	mg/kg dry	1	0.934	ND	86	32-132%	---	---	
Anthracene	0.734	---	0.0117	mg/kg dry	1	0.934	ND	79	47-123%	---	---	
Benz(a)anthracene	0.698	---	0.0117	mg/kg dry	1	0.934	ND	75	49-126%	---	---	
Benzo(a)pyrene	0.731	---	0.0117	mg/kg dry	1	0.934	ND	78	45-129%	---	---	
Benzo(b)fluoranthene	0.706	---	0.0117	mg/kg dry	1	0.934	ND	76	45-132%	---	---	
Benzo(k)fluoranthene	0.733	---	0.0117	mg/kg dry	1	0.934	ND	78	47-132%	---	---	
Benzo(g,h,i)perylene	0.661	---	0.0117	mg/kg dry	1	0.934	ND	71	43-134%	---	---	
Chrysene	0.720	---	0.0117	mg/kg dry	1	0.934	ND	77	50-124%	---	---	
Dibenz(a,h)anthracene	0.755	---	0.0117	mg/kg dry	1	0.934	ND	81	45-134%	---	---	
Dibenzofuran	0.792	---	0.0117	mg/kg dry	1	0.934	ND	85	44-120%	---	---	
Fluoranthene	0.730	---	0.0117	mg/kg dry	1	0.934	ND	78	50-127%	---	---	
Fluorene	0.804	---	0.0117	mg/kg dry	1	0.934	ND	86	43-125%	---	---	
Indeno(1,2,3-cd)pyrene	0.688	---	0.0117	mg/kg dry	1	0.934	ND	74	45-133%	---	---	
1-Methylnaphthalene	0.763	---	0.0117	mg/kg dry	1	0.934	ND	82	40-120%	---	---	
2-Methylnaphthalene	0.766	---	0.0117	mg/kg dry	1	0.934	ND	82	38-122%	---	---	
Naphthalene	0.799	---	0.0117	mg/kg dry	1	0.934	ND	86	35-123%	---	---	
Phenanthrene	0.731	---	0.0117	mg/kg dry	1	0.934	ND	78	50-121%	---	---	
Pyrene	0.728	---	0.0117	mg/kg dry	1	0.934	ND	78	47-127%	---	---	
Surr: 2-Fluorobiphenyl (Surr)			*Recovery: 75 %*		*Limits: 44-120 %*			*Dilution: 1x*				
p-Terphenyl-d14 (Surr)			*65 %*		*54-127 %*			*"*				

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050855 - EPA 3546							**Soil**					
Blank (9050855-BLK1)			Prepared: 05/14/19 17:14		Analyzed: 05/15/19 14:00							
EPA 8270D (SIM)												
Acenaphthene	ND	---	0.00250	mg/kg wet	1	---	---	---	---	---	---	
Acenaphthylene	ND	---	0.00250	mg/kg wet	1	---	---	---	---	---	---	
Anthracene	ND	---	0.00250	mg/kg wet	1	---	---	---	---	---	---	
Benz(a)anthracene	ND	---	0.00250	mg/kg wet	1	---	---	---	---	---	---	
Benzo(a)pyrene	ND	---	0.00250	mg/kg wet	1	---	---	---	---	---	---	
Benzo(b)fluoranthene	ND	---	0.00250	mg/kg wet	1	---	---	---	---	---	---	
Benzo(k)fluoranthene	ND	---	0.00250	mg/kg wet	1	---	---	---	---	---	---	
Benzo(g,h,i)perylene	ND	---	0.00250	mg/kg wet	1	---	---	---	---	---	---	
Chrysene	ND	---	0.00250	mg/kg wet	1	---	---	---	---	---	---	
Dibenz(a,h)anthracene	ND	---	0.00250	mg/kg wet	1	---	---	---	---	---	---	
Dibenzofuran	ND	---	0.00250	mg/kg wet	1	---	---	---	---	---	---	
Fluoranthene	ND	---	0.00250	mg/kg wet	1	---	---	---	---	---	---	
Fluorene	ND	---	0.00250	mg/kg wet	1	---	---	---	---	---	---	
Indeno(1,2,3-cd)pyrene	ND	---	0.00250	mg/kg wet	1	---	---	---	---	---	---	
1-Methylnaphthalene	ND	---	0.00250	mg/kg wet	1	---	---	---	---	---	---	
2-Methylnaphthalene	ND	---	0.00250	mg/kg wet	1	---	---	---	---	---	---	
Naphthalene	ND	---	0.00250	mg/kg wet	1	---	---	---	---	---	---	
Phenanthrene	ND	---	0.00250	mg/kg wet	1	---	---	---	---	---	---	
Pyrene	ND	---	0.00250	mg/kg wet	1	---	---	---	---	---	---	
Surr: 2-Fluorobiphenyl (Surr)			*Recovery: 87 %*		*Limits: 44-120 %*			*Dilution: 1x*				
p-Terphenyl-d14 (Surr)			*93 %*		*54-127 %*			*"*				
LCS (9050855-BS1)			Prepared: 05/14/19 17:14		Analyzed: 05/15/19 14:27							
EPA 8270D (SIM)												
Acenaphthene	0.475	---	0.00267	mg/kg wet	1	0.533	---	89	40-122%	---	---	
Acenaphthylene	0.498	---	0.00267	mg/kg wet	1	0.533	---	93	32-132%	---	---	
Anthracene	0.488	---	0.00267	mg/kg wet	1	0.533	---	91	47-123%	---	---	
Benz(a)anthracene	0.476	---	0.00267	mg/kg wet	1	0.533	---	89	49-126%	---	---	
Benzo(a)pyrene	0.520	---	0.00267	mg/kg wet	1	0.533	---	98	45-129%	---	---	
Benzo(b)fluoranthene	0.474	---	0.00267	mg/kg wet	1	0.533	---	89	45-132%	---	---	
Benzo(k)fluoranthene	0.500	---	0.00267	mg/kg wet	1	0.533	---	94	47-132%	---	---	
Benzo(g,h,i)perylene	0.430	---	0.00267	mg/kg wet	1	0.533	---	81	43-134%	---	---	
Chrysene	0.473	---	0.00267	mg/kg wet	1	0.533	---	89	50-124%	---	---	

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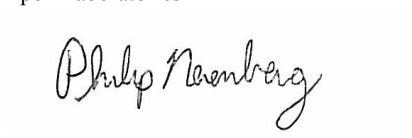

Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050855 - EPA 3546							**Soil**					
LCS (9050855-BS1)			Prepared: 05/14/19 17:14		Analyzed: 05/15/19 14:27							
Dibenz(a,h)anthracene	0.504	---	0.00267	mg/kg wet	1	0.533	---	95	45-134%	---	---	
Dibenzofuran	0.493	---	0.00267	mg/kg wet	1	0.533	---	92	44-120%	---	---	
Fluoranthene	0.505	---	0.00267	mg/kg wet	1	0.533	---	95	50-127%	---	---	
Fluorene	0.503	---	0.00267	mg/kg wet	1	0.533	---	94	43-125%	---	---	
Indeno(1,2,3-cd)pyrene	0.448	---	0.00267	mg/kg wet	1	0.533	---	84	45-133%	---	---	
1-Methylnaphthalene	0.475	---	0.00267	mg/kg wet	1	0.533	---	89	40-120%	---	---	
2-Methylnaphthalene	0.470	---	0.00267	mg/kg wet	1	0.533	---	88	38-122%	---	---	
Naphthalene	0.473	---	0.00267	mg/kg wet	1	0.533	---	89	35-123%	---	---	
Phenanthrene	0.467	---	0.00267	mg/kg wet	1	0.533	---	87	50-121%	---	---	
Pyrene	0.508	---	0.00267	mg/kg wet	1	0.533	---	95	47-127%	---	---	
Surr: 2-Fluorobiphenyl (Surr)			*Recovery: 84 %*		*Limits: 44-120 %*				*Dilution: 1x*			
p-Terphenyl-d14 (Surr)			*80 %*		*54-127 %*				*"*			
Duplicate (9050855-DUP1)			Prepared: 05/14/19 17:14		Analyzed: 05/15/19 17:36							
QC Source Sample: Non-SDG (A9E0414-01)												
Acenaphthene	ND	---	0.272	mg/kg dry	40	---	0.496	---	---	***	**30%**	Q-04
Acenaphthylene	ND	---	0.272	mg/kg dry	40	---	ND	---	---	---	30%	
Anthracene	**0.488**	---	0.272	mg/kg dry	40	---	0.851	---	---	**54**	**30%**	Q-04
Benz(a)anthracene	**1.53**	---	0.272	mg/kg dry	40	---	2.31	---	---	**41**	**30%**	M-05, Q-04
Benzo(a)pyrene	**1.79**	---	0.272	mg/kg dry	40	---	2.69	---	---	**40**	**30%**	Q-04
Benzo(b)fluoranthene	**2.28**	---	0.272	mg/kg dry	40	---	3.32	---	---	**37**	**30%**	M-05, Q-04
Benzo(k)fluoranthene	**0.778**	---	0.272	mg/kg dry	40	---	1.14	---	---	**37**	**30%**	M-05, Q-04
Benzo(g,h,i)perylene	**1.37**	---	0.272	mg/kg dry	40	---	1.98	---	---	**36**	**30%**	Q-04
Chrysene	**1.61**	---	0.272	mg/kg dry	40	---	2.35	---	---	**37**	**30%**	M-05, Q-04
Dibenz(a,h)anthracene	ND	---	0.272	mg/kg dry	40	---	0.327	---	---	***	**30%**	Q-17, Q-04
Dibenzofuran	ND	---	0.272	mg/kg dry	40	---	0.195	---	---	***	**30%**	Q-04
Fluoranthene	**4.04**	---	0.272	mg/kg dry	40	---	6.40	---	---	**45**	**30%**	Q-04
Fluorene	ND	---	0.272	mg/kg dry	40	---	0.261	---	---	***	**30%**	Q-05, Q-04
Indeno(1,2,3-cd)pyrene	**1.36**	---	0.272	mg/kg dry	40	---	1.98	---	---	**37**	**30%**	Q-04
1-Methylnaphthalene	ND	---	0.272	mg/kg dry	40	---	0.298	---	---	***	30%	Q-17
2-Methylnaphthalene	**0.311**	---	0.272	mg/kg dry	40	---	0.378	---	---	19	30%	M-04
Naphthalene	ND	---	0.272	mg/kg dry	40	---	ND	---	---	---	30%	
Phenanthrene	**2.14**	---	0.272	mg/kg dry	40	---	3.54	---	---	**49**	**30%**	Q-04
Pyrene	**3.91**	---	0.272	mg/kg dry	40	---	6.03	---	---	**43**	**30%**	Q-04

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050855 - EPA 3546							**Soil**					
Duplicate (9050855-DUP1)			Prepared: 05/14/19 17:14 Analyzed: 05/15/19 17:36									
QC Source Sample: Non-SDG (A9E0414-01)												
Surr: 2-Fluorobiphenyl (Surr)			*Recovery: 67 %*	*Limits: 44-120 %*			*Dilution: 40x*					
p-Terphenyl-d14 (Surr)			*76 %*	*54-127 %*			*"*					
Matrix Spike (9050855-MS1)			Prepared: 05/14/19 17:14 Analyzed: 05/15/19 18:30									
QC Source Sample: Non-SDG (A9E0414-02)												
EPA 8270D (SIM)												
Acenaphthene	0.500	---	0.281	mg/kg dry	40	0.563	ND	89	40-122%	---	---	
Acenaphthylene	0.524	---	0.281	mg/kg dry	40	0.563	ND	93	32-132%	---	---	
Anthracene	0.642	---	0.281	mg/kg dry	40	0.563	ND	114	47-123%	---	---	
Benz(a)anthracene	0.880	---	0.281	mg/kg dry	40	0.563	0.364	92	49-126%	---	---	
Benzo(a)pyrene	0.944	---	0.281	mg/kg dry	40	0.563	0.390	98	45-129%	---	---	
Benzo(b)fluoranthene	1.04	---	0.281	mg/kg dry	40	0.563	0.534	91	45-132%	---	---	
Benzo(k)fluoranthene	0.711	---	0.281	mg/kg dry	40	0.563	0.197	91	47-132%	---	---	
Benzo(g,h,i)perylene	0.852	---	0.281	mg/kg dry	40	0.563	0.419	77	43-134%	---	---	
Chrysene	0.911	---	0.281	mg/kg dry	40	0.563	0.375	95	50-124%	---	---	
Dibenz(a,h)anthracene	0.421	---	0.281	mg/kg dry	40	0.563	ND	75	45-134%	---	---	
Dibenzofuran	0.475	---	0.281	mg/kg dry	40	0.563	ND	84	44-120%	---	---	
Fluoranthene	1.50	---	0.281	mg/kg dry	40	0.563	0.802	125	50-127%	---	---	
Fluorene	0.500	---	0.281	mg/kg dry	40	0.563	ND	89	43-125%	---	---	
Indeno(1,2,3-cd)pyrene	0.868	---	0.281	mg/kg dry	40	0.563	0.349	92	45-133%	---	---	
1-Methylnaphthalene	0.524	---	0.281	mg/kg dry	40	0.563	ND	93	40-120%	---	---	
2-Methylnaphthalene	0.536	---	0.281	mg/kg dry	40	0.563	ND	95	38-122%	---	---	
Naphthalene	0.527	---	0.281	mg/kg dry	40	0.563	ND	94	35-123%	---	---	
Phenanthrene	1.02	---	0.281	mg/kg dry	40	0.563	0.452	101	50-121%	---	---	
Pyrene	1.71	---	0.281	mg/kg dry	40	0.563	0.977	**130**	**47-127%**	---	---	Q-03
Surr: 2-Fluorobiphenyl (Surr)			*Recovery: 70 %*	*Limits: 44-120 %*			*Dilution: 40x*					
p-Terphenyl-d14 (Surr)			*71 %*	*54-127 %*			*"*					

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050917 - EPA 3546							**Soil**					
Blank (9050917-BLK1)			Prepared: 05/15/19 13:06 Analyzed: 05/15/19 18:56									
EPA 8270D (SIM)												
Acenaphthene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Acenaphthylene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Anthracene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Benz(a)anthracene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Benzo(a)pyrene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Benzo(b)fluoranthene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Benzo(k)fluoranthene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Benzo(g,h,i)perylene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Chrysene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Dibenz(a,h)anthracene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Dibenzofuran	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Fluoranthene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Fluorene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Indeno(1,2,3-cd)pyrene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
1-Methylnaphthalene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
2-Methylnaphthalene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Naphthalene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Phenanthrene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Pyrene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Surr: 2-Fluorobiphenyl (Surr)			*Recovery: 83 %*		*Limits: 44-120 %*			*Dilution: 1x*				
p-Terphenyl-d14 (Surr)			*86 %*		*54-127 %*			*"*				
LCS (9050917-BS1)			Prepared: 05/15/19 13:06 Analyzed: 05/15/19 19:23									
EPA 8270D (SIM)												
Acenaphthene	0.698	---	0.0100	mg/kg wet	1	0.800	---	87	40-122%	---	---	
Acenaphthylene	0.710	---	0.0100	mg/kg wet	1	0.800	---	89	32-132%	---	---	
Anthracene	0.682	---	0.0100	mg/kg wet	1	0.800	---	85	47-123%	---	---	
Benz(a)anthracene	0.674	---	0.0100	mg/kg wet	1	0.800	---	84	49-126%	---	---	
Benzo(a)pyrene	0.722	---	0.0100	mg/kg wet	1	0.800	---	90	45-129%	---	---	
Benzo(b)fluoranthene	0.681	---	0.0100	mg/kg wet	1	0.800	---	85	45-132%	---	---	
Benzo(k)fluoranthene	0.707	---	0.0100	mg/kg wet	1	0.800	---	88	47-132%	---	---	
Benzo(g,h,i)perylene	0.583	---	0.0100	mg/kg wet	1	0.800	---	73	43-134%	---	---	
Chrysene	0.700	---	0.0100	mg/kg wet	1	0.800	---	88	50-124%	---	---	

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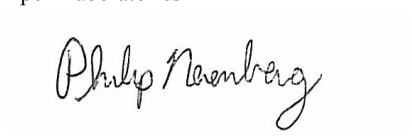

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GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050917 - EPA 3546							**Soil**					
LCS (9050917-BS1)			Prepared: 05/15/19 13:06		Analyzed: 05/15/19 19:23							
Dibenz(a,h)anthracene	0.709	---	0.0100	mg/kg wet	1	0.800	---	89	45-134%	---	---	
Dibenzofuran	0.708	---	0.0100	mg/kg wet	1	0.800	---	89	44-120%	---	---	
Fluoranthene	0.701	---	0.0100	mg/kg wet	1	0.800	---	88	50-127%	---	---	
Fluorene	0.716	---	0.0100	mg/kg wet	1	0.800	---	90	43-125%	---	---	
Indeno(1,2,3-cd)pyrene	0.622	---	0.0100	mg/kg wet	1	0.800	---	78	45-133%	---	---	
1-Methylnaphthalene	0.670	---	0.0100	mg/kg wet	1	0.800	---	84	40-120%	---	---	
2-Methylnaphthalene	0.672	---	0.0100	mg/kg wet	1	0.800	---	84	38-122%	---	---	
Naphthalene	0.700	---	0.0100	mg/kg wet	1	0.800	---	87	35-123%	---	---	
Phenanthrene	0.662	---	0.0100	mg/kg wet	1	0.800	---	83	50-121%	---	---	
Pyrene	0.703	---	0.0100	mg/kg wet	1	0.800	---	88	47-127%	---	---	
Surr: 2-Fluorobiphenyl (Surr)			*Recovery: 81 %*		*Limits: 44-120 %*				*Dilution: 1x*			
p-Terphenyl-d14 (Surr)			*80 %*		*54-127 %*				*"*			
Duplicate (9050917-DUP1)			Prepared: 05/15/19 13:06		Analyzed: 05/15/19 20:17							
QC Source Sample: DP-7(6.5-7.5) (A9E0401-23)												
EPA 8270D (SIM)												
Acenaphthene	ND	---	0.00955	mg/kg dry	1	---	ND	---	---	---	30%	
Acenaphthylene	ND	---	0.00955	mg/kg dry	1	---	ND	---	---	---	30%	
Anthracene	ND	---	0.00955	mg/kg dry	1	---	ND	---	---	---	30%	
Benz(a)anthracene	ND	---	0.00955	mg/kg dry	1	---	ND	---	---	---	30%	
Benzo(a)pyrene	ND	---	0.00955	mg/kg dry	1	---	ND	---	---	---	30%	
Benzo(b)fluoranthene	ND	---	0.00955	mg/kg dry	1	---	ND	---	---	---	30%	
Benzo(k)fluoranthene	ND	---	0.00955	mg/kg dry	1	---	ND	---	---	---	30%	
Benzo(g,h,i)perylene	ND	---	0.00955	mg/kg dry	1	---	ND	---	---	---	30%	
Chrysene	ND	---	0.00955	mg/kg dry	1	---	ND	---	---	---	30%	
Dibenz(a,h)anthracene	ND	---	0.00955	mg/kg dry	1	---	ND	---	---	---	30%	
Dibenzofuran	ND	---	0.00955	mg/kg dry	1	---	ND	---	---	---	30%	
Fluoranthene	ND	---	0.00955	mg/kg dry	1	---	ND	---	---	---	30%	
Fluorene	ND	---	0.00955	mg/kg dry	1	---	ND	---	---	---	30%	
Indeno(1,2,3-cd)pyrene	ND	---	0.00955	mg/kg dry	1	---	ND	---	---	---	30%	
1-Methylnaphthalene	ND	---	0.00955	mg/kg dry	1	---	ND	---	---	---	30%	
2-Methylnaphthalene	ND	---	0.00955	mg/kg dry	1	---	ND	---	---	---	30%	
Naphthalene	ND	---	0.00955	mg/kg dry	1	---	ND	---	---	---	30%	
Phenanthrene	ND	---	0.00955	mg/kg dry	1	---	ND	---	---	---	30%	

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GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050917 - EPA 3546							**Soil**					
Duplicate (9050917-DUP1)			Prepared: 05/15/19 13:06		Analyzed: 05/15/19 20:17							
QC Source Sample: DP-7(6.5-7.5) (A9E0401-23)												
Pyrene	ND	---	0.00955	mg/kg dry	1	---	ND	---	---	---	30%	
Surr: 2-Fluorobiphenyl (Surr)		*Recovery: 72 %*	*Limits: 44-120 %*		*Dilution: 1x*							
p-Terphenyl-d14 (Surr)			*70 %*	*54-127 %*			*"*					
Duplicate (9050917-DUP2)			Prepared: 05/15/19 15:54		Analyzed: 05/16/19 12:58							
QC Source Sample: Non-SDG (A9E0377-02)												
Acenaphthene	ND	---	0.00999	mg/kg dry	1	---	ND	---	---	---	30%	
Acenaphthylene	ND	---	0.00999	mg/kg dry	1	---	ND	---	---	---	30%	
Anthracene	ND	---	0.00999	mg/kg dry	1	---	ND	---	---	---	30%	
Benz(a)anthracene	ND	---	0.00999	mg/kg dry	1	---	0.00607	---	---	***	30%	
Benzo(a)pyrene	ND	---	0.00999	mg/kg dry	1	---	ND	---	---	---	30%	
Benzo(b)fluoranthene	ND	---	0.00999	mg/kg dry	1	---	0.00597	---	---	***	30%	
Benzo(k)fluoranthene	ND	---	0.00999	mg/kg dry	1	---	ND	---	---	---	30%	
Benzo(g,h,i)perylene	ND	---	0.00999	mg/kg dry	1	---	0.00535	---	---	***	30%	
Chrysene	ND	---	0.00999	mg/kg dry	1	---	0.00607	---	---	***	30%	
Dibenz(a,h)anthracene	ND	---	0.00999	mg/kg dry	1	---	ND	---	---	---	30%	
Dibenzofuran	ND	---	0.00999	mg/kg dry	1	---	ND	---	---	---	30%	
Fluoranthene	ND	---	0.00999	mg/kg dry	1	---	0.00846	---	---	***	30%	
Fluorene	ND	---	0.00999	mg/kg dry	1	---	ND	---	---	---	30%	
Indeno(1,2,3-cd)pyrene	ND	---	0.00999	mg/kg dry	1	---	ND	---	---	---	30%	
1-Methylnaphthalene	ND	---	0.00999	mg/kg dry	1	---	ND	---	---	---	30%	
2-Methylnaphthalene	ND	---	0.00999	mg/kg dry	1	---	ND	---	---	---	30%	
Naphthalene	ND	---	0.00999	mg/kg dry	1	---	ND	---	---	---	30%	
Phenanthrene	ND	---	0.00999	mg/kg dry	1	---	0.00588	---	---	***	30%	
Pyrene	ND	---	0.00999	mg/kg dry	1	---	0.0112	---	---	***	30%	
Surr: 2-Fluorobiphenyl (Surr)		*Recovery: 71 %*	*Limits: 44-120 %*		*Dilution: 1x*							
p-Terphenyl-d14 (Surr)			*65 %*	*54-127 %*			*"*					
Matrix Spike (9050917-MS2)			Prepared: 05/15/19 15:54		Analyzed: 05/16/19 13:25							
QC Source Sample: Non-SDG (A9E0377-02)												
EPA 8270D (SIM)												
Acenaphthene	0.624	---	0.0100	mg/kg dry	1	0.800	ND	78	40-122%	---	---	

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GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050917 - EPA 3546							**Soil**					
Matrix Spike (9050917-MS2)			Prepared: 05/15/19 15:54		Analyzed: 05/16/19 13:25							
QC Source Sample: Non-SDG (A9E0377-02)												
Acenaphthylene	0.650	---	0.0100	mg/kg dry	1	0.800	ND	81	32-132%	---	---	
Anthracene	0.635	---	0.0100	mg/kg dry	1	0.800	ND	79	47-123%	---	---	
Benz(a)anthracene	0.630	---	0.0100	mg/kg dry	1	0.800	0.00607	78	49-126%	---	---	
Benzo(a)pyrene	0.643	---	0.0100	mg/kg dry	1	0.800	ND	80	45-129%	---	---	
Benzo(b)fluoranthene	0.609	---	0.0100	mg/kg dry	1	0.800	0.00597	75	45-132%	---	---	
Benzo(k)fluoranthene	0.597	---	0.0100	mg/kg dry	1	0.800	ND	75	47-132%	---	---	
Benzo(g,h,i)perylene	0.584	---	0.0100	mg/kg dry	1	0.800	0.00535	72	43-134%	---	---	
Chrysene	0.642	---	0.0100	mg/kg dry	1	0.800	0.00607	80	50-124%	---	---	
Dibenz(a,h)anthracene	0.635	---	0.0100	mg/kg dry	1	0.800	ND	79	45-134%	---	---	
Dibenzofuran	0.648	---	0.0100	mg/kg dry	1	0.800	ND	81	44-120%	---	---	
Fluoranthene	0.667	---	0.0100	mg/kg dry	1	0.800	0.00846	82	50-127%	---	---	
Fluorene	0.653	---	0.0100	mg/kg dry	1	0.800	ND	82	43-125%	---	---	
Indeno(1,2,3-cd)pyrene	0.598	---	0.0100	mg/kg dry	1	0.800	ND	75	45-133%	---	---	
1-Methylnaphthalene	0.617	---	0.0100	mg/kg dry	1	0.800	ND	77	40-120%	---	---	
2-Methylnaphthalene	0.622	---	0.0100	mg/kg dry	1	0.800	ND	78	38-122%	---	---	
Naphthalene	0.615	---	0.0100	mg/kg dry	1	0.800	ND	77	35-123%	---	---	
Phenanthrene	0.620	---	0.0100	mg/kg dry	1	0.800	0.00588	77	50-121%	---	---	
Pyrene	0.695	---	0.0100	mg/kg dry	1	0.800	0.0112	85	47-127%	---	---	
Surr: 2-Fluorobiphenyl (Surr)			*Recovery: 74 %*		*Limits: 44-120 %*				*Dilution: 1x*			
p-Terphenyl-d14 (Surr)			*67 %*		*54-127 %*				*"*			
Matrix Spike (9050917-MS3)			Prepared: 05/15/19 13:06		Analyzed: 05/16/19 15:12							
QC Source Sample: DP-16(2-3) (A9E0401-52)												
EPA 8270D (SIM)												
Acenaphthene	0.826	---	0.0118	mg/kg dry	1	0.945	ND	87	40-122%	---	---	
Acenaphthylene	0.870	---	0.0118	mg/kg dry	1	0.945	ND	92	32-132%	---	---	
Anthracene	0.853	---	0.0118	mg/kg dry	1	0.945	ND	90	47-123%	---	---	
Benz(a)anthracene	0.827	---	0.0118	mg/kg dry	1	0.945	ND	87	49-126%	---	---	
Benzo(a)pyrene	0.873	---	0.0118	mg/kg dry	1	0.945	ND	92	45-129%	---	---	
Benzo(b)fluoranthene	0.813	---	0.0118	mg/kg dry	1	0.945	ND	86	45-132%	---	---	
Benzo(k)fluoranthene	0.789	---	0.0118	mg/kg dry	1	0.945	ND	83	47-132%	---	---	
Benzo(g,h,i)perylene	0.770	---	0.0118	mg/kg dry	1	0.945	ND	81	43-134%	---	---	
Chrysene	0.836	---	0.0118	mg/kg dry	1	0.945	ND	88	50-124%	---	---	

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050917 - EPA 3546							**Soil**					
Matrix Spike (9050917-MS3)			Prepared: 05/15/19 13:06		Analyzed: 05/16/19 15:12							
QC Source Sample: DP-16(2-3) (A9E0401-52)												
Dibenz(a,h)anthracene	0.849	---	0.0118	mg/kg dry	1	0.945	ND	90	45-134%	---	---	
Dibenzofuran	0.857	---	0.0118	mg/kg dry	1	0.945	ND	91	44-120%	---	---	
Fluoranthene	0.886	---	0.0118	mg/kg dry	1	0.945	ND	94	50-127%	---	---	
Fluorene	0.882	---	0.0118	mg/kg dry	1	0.945	ND	93	43-125%	---	---	
Indeno(1,2,3-cd)pyrene	0.793	---	0.0118	mg/kg dry	1	0.945	ND	84	45-133%	---	---	
1-Methylnaphthalene	0.840	---	0.0118	mg/kg dry	1	0.945	ND	89	40-120%	---	---	
2-Methylnaphthalene	0.841	---	0.0118	mg/kg dry	1	0.945	ND	89	38-122%	---	---	
Naphthalene	0.815	---	0.0118	mg/kg dry	1	0.945	ND	86	35-123%	---	---	
Phenanthrene	0.825	---	0.0118	mg/kg dry	1	0.945	ND	87	50-121%	---	---	
Pyrene	0.908	---	0.0118	mg/kg dry	1	0.945	ND	96	47-127%	---	---	
Surr: 2-Fluorobiphenyl (Surr)			*Recovery: 77 %*		*Limits: 44-120 %*				*Dilution: 1x*			
p-Terphenyl-d14 (Surr)			*69 %*		*54-127 %*				*"*			
Matrix Spike Dup (9050917-MSD2)			Prepared: 05/15/19 15:55		Analyzed: 05/16/19 13:52							
QC Source Sample: Non-SDG (A9E0377-02)												
Acenaphthene	0.596	---	0.00996	mg/kg dry	1	0.797	ND	75	40-122%	5	30%	
Acenaphthylene	0.624	---	0.00996	mg/kg dry	1	0.797	ND	78	32-132%	4	30%	
Anthracene	0.606	---	0.00996	mg/kg dry	1	0.797	ND	76	47-123%	5	30%	
Benz(a)anthracene	0.606	---	0.00996	mg/kg dry	1	0.797	0.00607	75	49-126%	4	30%	
Benzo(a)pyrene	0.634	---	0.00996	mg/kg dry	1	0.797	ND	80	45-129%	1	30%	
Benzo(b)fluoranthene	0.590	---	0.00996	mg/kg dry	1	0.797	0.00597	73	45-132%	3	30%	
Benzo(k)fluoranthene	0.585	---	0.00996	mg/kg dry	1	0.797	ND	73	47-132%	2	30%	
Benzo(g,h,i)perylene	0.565	---	0.00996	mg/kg dry	1	0.797	0.00535	70	43-134%	3	30%	
Chrysene	0.621	---	0.00996	mg/kg dry	1	0.797	0.00607	77	50-124%	3	30%	
Dibenz(a,h)anthracene	0.618	---	0.00996	mg/kg dry	1	0.797	ND	78	45-134%	3	30%	
Dibenzofuran	0.619	---	0.00996	mg/kg dry	1	0.797	ND	78	44-120%	5	30%	
Fluoranthene	0.661	---	0.00996	mg/kg dry	1	0.797	0.00846	82	50-127%	0.9	30%	
Fluorene	0.633	---	0.00996	mg/kg dry	1	0.797	ND	79	43-125%	3	30%	
Indeno(1,2,3-cd)pyrene	0.582	---	0.00996	mg/kg dry	1	0.797	ND	73	45-133%	3	30%	
1-Methylnaphthalene	0.609	---	0.00996	mg/kg dry	1	0.797	ND	76	40-120%	1	30%	
2-Methylnaphthalene	0.611	---	0.00996	mg/kg dry	1	0.797	ND	77	38-122%	2	30%	
Naphthalene	0.587	---	0.00996	mg/kg dry	1	0.797	ND	74	35-123%	5	30%	
Phenanthrene	0.601	---	0.00996	mg/kg dry	1	0.797	0.00588	75	50-121%	3	30%	

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050917 - EPA 3546							**Soil**					
Matrix Spike Dup (9050917-MSD2)			Prepared: 05/15/19 15:55		Analyzed: 05/16/19 13:52							
QC Source Sample: Non-SDG (A9E0377-02)												
Pyrene	0.680	---	0.00996	mg/kg dry	1	0.797	0.0112	84	47-127%	2	30%	
Surr: 2-Fluorobiphenyl (Surr)			*Recovery: 70 %*		*Limits: 44-120 %*			*Dilution: 1x*				
p-Terphenyl-d14 (Surr)			*64 %*		*54-127 %*			*"*				

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Philip Nerenberg

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051116 - EPA 3546							**Soil**					
Blank (9051116-BLK1)			Prepared: 05/21/19 14:46		Analyzed: 05/22/19 10:03							
EPA 8270D (SIM)												
Acenaphthene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Acenaphthylene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Anthracene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Benz(a)anthracene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Benzo(a)pyrene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Benzo(b)fluoranthene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Benzo(k)fluoranthene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Benzo(g,h,i)perylene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Chrysene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Dibenz(a,h)anthracene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Dibenzofuran	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Fluoranthene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Fluorene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Indeno(1,2,3-cd)pyrene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
1-Methylnaphthalene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
2-Methylnaphthalene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Naphthalene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Phenanthrene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Pyrene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Surr: 2-Fluorobiphenyl (Surr)			*Recovery: 69 %*		*Limits: 44-120 %*			*Dilution: 1x*				
p-Terphenyl-d14 (Surr)			*79 %*		*54-127 %*			*"*				
LCS (9051116-BS1)			Prepared: 05/21/19 14:46		Analyzed: 05/22/19 10:29							
EPA 8270D (SIM)												
Acenaphthene	0.742	---	0.0100	mg/kg wet	1	0.800	---	93	40-122%	---	---	
Acenaphthylene	0.781	---	0.0100	mg/kg wet	1	0.800	---	98	32-132%	---	---	
Anthracene	0.782	---	0.0100	mg/kg wet	1	0.800	---	98	47-123%	---	---	
Benz(a)anthracene	0.771	---	0.0100	mg/kg wet	1	0.800	---	96	49-126%	---	---	
Benzo(a)pyrene	0.830	---	0.0100	mg/kg wet	1	0.800	---	104	45-129%	---	---	
Benzo(b)fluoranthene	0.742	---	0.0100	mg/kg wet	1	0.800	---	93	45-132%	---	---	
Benzo(k)fluoranthene	0.776	---	0.0100	mg/kg wet	1	0.800	---	97	47-132%	---	---	
Benzo(g,h,i)perylene	0.734	---	0.0100	mg/kg wet	1	0.800	---	92	43-134%	---	---	
Chrysene	0.792	---	0.0100	mg/kg wet	1	0.800	---	99	50-124%	---	---	

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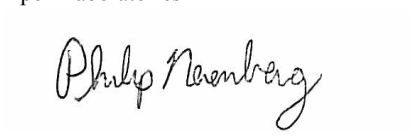

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051116 - EPA 3546							**Soil**					
LCS (9051116-BS1)			Prepared: 05/21/19 14:46	Analyzed: 05/22/19 10:29								
Dibenz(a,h)anthracene	0.812	---	0.0100	mg/kg wet	1	0.800	---	102	45-134%	---	---	
Dibenzofuran	0.764	---	0.0100	mg/kg wet	1	0.800	---	96	44-120%	---	---	
Fluoranthene	0.825	---	0.0100	mg/kg wet	1	0.800	---	103	50-127%	---	---	
Fluorene	0.785	---	0.0100	mg/kg wet	1	0.800	---	98	43-125%	---	---	
Indeno(1,2,3-cd)pyrene	0.743	---	0.0100	mg/kg wet	1	0.800	---	93	45-133%	---	---	
1-Methylnaphthalene	0.731	---	0.0100	mg/kg wet	1	0.800	---	91	40-120%	---	---	
2-Methylnaphthalene	0.738	---	0.0100	mg/kg wet	1	0.800	---	92	38-122%	---	---	
Naphthalene	0.737	---	0.0100	mg/kg wet	1	0.800	---	92	35-123%	---	---	
Phenanthrene	0.754	---	0.0100	mg/kg wet	1	0.800	---	94	50-121%	---	---	
Pyrene	0.850	---	0.0100	mg/kg wet	1	0.800	---	106	47-127%	---	---	
Surr: 2-Fluorobiphenyl (Surr)			*Recovery: 87 %*	*Limits: 44-120 %*			*Dilution: 1x*					
p-Terphenyl-d14 (Surr)			*79 %*	*54-127 %*			*"*					
Duplicate (9051116-DUP1)			Prepared: 05/21/19 14:46	Analyzed: 05/22/19 11:22								
QC Source Sample: Non-SDG (A9E0313-01)												
Acenaphthene	ND	---	0.326	mg/kg dry	20	---	ND	---	---	---	30%	R-02
Acenaphthylene	ND	---	0.351	mg/kg dry	20	---	ND	---	---	---	30%	R-02
Anthracene	ND	---	0.251	mg/kg dry	20	---	ND	---	---	---	30%	
Benz(a)anthracene	ND	---	0.276	mg/kg dry	20	---	ND	---	---	---	30%	R-02
Benzo(a)pyrene	ND	---	0.251	mg/kg dry	20	---	ND	---	---	---	30%	
Benzo(b)fluoranthene	ND	---	0.251	mg/kg dry	20	---	ND	---	---	---	30%	
Benzo(k)fluoranthene	ND	---	0.251	mg/kg dry	20	---	ND	---	---	---	30%	
Benzo(g,h,i)perylene	ND	---	0.251	mg/kg dry	20	---	ND	---	---	---	30%	
Chrysene	ND	---	0.276	mg/kg dry	20	---	ND	---	---	---	30%	R-02
Dibenz(a,h)anthracene	ND	---	0.251	mg/kg dry	20	---	ND	---	---	---	30%	
Dibenzofuran	**0.897**	---	0.251	mg/kg dry	20	---	0.946	---	---	5	30%	
Fluoranthene	ND	---	0.251	mg/kg dry	20	---	0.152	---	---	***	30%	
Fluorene	ND	---	0.301	mg/kg dry	20	---	ND	---	---	---	30%	R-02
Indeno(1,2,3-cd)pyrene	ND	---	0.251	mg/kg dry	20	---	ND	---	---	---	30%	
1-Methylnaphthalene	ND	---	0.577	mg/kg dry	20	---	ND	---	---	---	30%	R-02
2-Methylnaphthalene	ND	---	0.452	mg/kg dry	20	---	ND	---	---	---	30%	R-02
Naphthalene	ND	---	0.301	mg/kg dry	20	---	ND	---	---	---	30%	R-02
Phenanthrene	**0.541**	---	0.251	mg/kg dry	20	---	0.524	---	---	3	30%	
Pyrene	**1.73**	---	0.251	mg/kg dry	20	---	2.22	---	---	25	30%	

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503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051116 - EPA 3546							**Soil**					
Duplicate (9051116-DUP1)			Prepared: 05/21/19 14:46 Analyzed: 05/22/19 11:22									
QC Source Sample: Non-SDG (A9E0313-01)												
Surr: 2-Fluorobiphenyl (Surr)			*Recovery: 86 %*	*Limits: 44-120 %*					*Dilution: 20x*			
p-Terphenyl-d14 (Surr)			*80 %*	*54-127 %*					*"*			
Matrix Spike (9051116-MS1)			Prepared: 05/21/19 14:46 Analyzed: 05/22/19 17:33									
QC Source Sample: Non-SDG (A9E0575-08)												
EPA 8270D (SIM)												
Acenaphthene	0.845	---	0.0119	mg/kg dry	1	0.949	ND	89	40-122%	---	---	
Acenaphthylene	0.867	---	0.0119	mg/kg dry	1	0.949	ND	91	32-132%	---	---	
Anthracene	0.857	---	0.0119	mg/kg dry	1	0.949	ND	90	47-123%	---	---	
Benz(a)anthracene	0.824	---	0.0119	mg/kg dry	1	0.949	ND	87	49-126%	---	---	
Benzo(a)pyrene	0.898	---	0.0119	mg/kg dry	1	0.949	ND	95	45-129%	---	---	
Benzo(b)fluoranthene	0.827	---	0.0119	mg/kg dry	1	0.949	ND	87	45-132%	---	---	
Benzo(k)fluoranthene	0.829	---	0.0119	mg/kg dry	1	0.949	ND	87	47-132%	---	---	
Benzo(g,h,i)perylene	0.731	---	0.0119	mg/kg dry	1	0.949	ND	77	43-134%	---	---	
Chrysene	0.834	---	0.0119	mg/kg dry	1	0.949	ND	88	50-124%	---	---	
Dibenz(a,h)anthracene	0.880	---	0.0119	mg/kg dry	1	0.949	ND	93	45-134%	---	---	
Dibenzofuran	0.876	---	0.0119	mg/kg dry	1	0.949	ND	92	44-120%	---	---	
Fluoranthene	0.919	---	0.0119	mg/kg dry	1	0.949	ND	97	50-127%	---	---	
Fluorene	0.885	---	0.0119	mg/kg dry	1	0.949	ND	93	43-125%	---	---	
Indeno(1,2,3-cd)pyrene	0.776	---	0.0119	mg/kg dry	1	0.949	ND	82	45-133%	---	---	
1-Methylnaphthalene	0.819	---	0.0119	mg/kg dry	1	0.949	ND	86	40-120%	---	---	
2-Methylnaphthalene	0.828	---	0.0119	mg/kg dry	1	0.949	ND	87	38-122%	---	---	
Naphthalene	0.811	---	0.0119	mg/kg dry	1	0.949	ND	85	35-123%	---	---	
Phenanthrene	0.825	---	0.0119	mg/kg dry	1	0.949	ND	87	50-121%	---	---	
Pyrene	0.944	---	0.0119	mg/kg dry	1	0.949	ND	99	47-127%	---	---	
Surr: 2-Fluorobiphenyl (Surr)			*Recovery: 84 %*	*Limits: 44-120 %*					*Dilution: 1x*			
p-Terphenyl-d14 (Surr)			*73 %*	*54-127 %*					*"*			

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503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Total Metals by EPA 6020A (ICPMS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051090 - EPA 3051A							**Soil**					
Blank (9051090-BLK1)			Prepared: 05/21/19 10:08 Analyzed: 05/21/19 20:34									
EPA 6020A												
Arsenic	ND	---	0.962	mg/kg wet	10	---	---	---	---	---	---	
Barium	ND	---	0.962	mg/kg wet	10	---	---	---	---	---	---	
Cadmium	ND	---	0.192	mg/kg wet	10	---	---	---	---	---	---	
Chromium	ND	---	0.962	mg/kg wet	10	---	---	---	---	---	---	
Lead	ND	---	0.192	mg/kg wet	10	---	---	---	---	---	---	
Mercury	ND	---	0.0769	mg/kg wet	10	---	---	---	---	---	---	
Selenium	ND	---	0.962	mg/kg wet	10	---	---	---	---	---	---	
Silver	ND	---	0.192	mg/kg wet	10	---	---	---	---	---	---	
LCS (9051090-BS1)			Prepared: 05/21/19 10:08 Analyzed: 05/21/19 20:39									
EPA 6020A												
Arsenic	49.7	---	1.00	mg/kg wet	10	50.0	---	99	80-120%	---	---	
Barium	52.5	---	1.00	mg/kg wet	10	50.0	---	105	80-120%	---	---	
Cadmium	48.4	---	0.200	mg/kg wet	10	50.0	---	97	80-120%	---	---	
Chromium	50.7	---	1.00	mg/kg wet	10	50.0	---	101	80-120%	---	---	
Lead	48.3	---	0.200	mg/kg wet	10	50.0	---	97	80-120%	---	---	
Mercury	0.950	---	0.0800	mg/kg wet	10	1.00	---	95	80-120%	---	---	
Selenium	23.1	---	1.00	mg/kg wet	10	25.0	---	92	80-120%	---	---	
Silver	24.4	---	0.200	mg/kg wet	10	25.0	---	97	80-120%	---	---	
Duplicate (9051090-DUP1)			Prepared: 05/21/19 10:08 Analyzed: 05/21/19 21:02									
QC Source Sample: Non-SDG (A9E0389-04)												
Arsenic	**3.47**	---	2.14	mg/kg dry	10	---	3.82	---	---	10	40%	
Barium	**76.7**	---	2.14	mg/kg dry	10	---	69.2	---	---	10	40%	
Cadmium	ND	---	0.428	mg/kg dry	10	---	0.284	---	---	***	40%	
Chromium	**33.1**	---	2.14	mg/kg dry	10	---	38.3	---	---	15	40%	
Lead	**97.3**	---	0.428	mg/kg dry	10	---	108	---	---	10	40%	
Mercury	ND	---	0.171	mg/kg dry	10	---	ND	---	---	---	40%	
Selenium	ND	---	2.14	mg/kg dry	10	---	ND	---	---	---	40%	
Silver	ND	---	0.428	mg/kg dry	10	---	ND	---	---	---	40%	
Matrix Spike (9051090-MS1)			Prepared: 05/21/19 10:08 Analyzed: 05/21/19 21:06									

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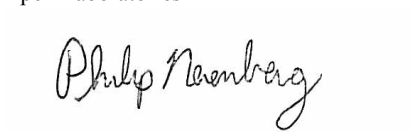

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EPA ID: OR01039

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	A9E0401 - 06 04 19 1033

QUALITY CONTROL (QC) SAMPLE RESULTS

Total Metals by EPA 6020A (ICPMS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051090 - EPA 3051A							**Soil**					
Matrix Spike (9051090-MS1)			Prepared: 05/21/19 10:08 Analyzed: 05/21/19 21:06									
QC Source Sample: Non-SDG (A9E0389-04)												
EPA 6020A												
Arsenic	99.6	---	2.10	mg/kg dry	10	105	3.82	91	75-125%	---	---	
Cadmium	94.8	---	0.420	mg/kg dry	10	105	0.284	90	75-125%	---	---	
Chromium	141	---	2.10	mg/kg dry	10	105	38.3	97	75-125%	---	---	
Lead	241	---	0.420	mg/kg dry	10	105	108	**127**	**75-125%**	---	---	Q-04
Mercury	1.85	---	0.168	mg/kg dry	10	2.10	ND	88	75-125%	---	---	
Selenium	45.6	---	2.10	mg/kg dry	10	52.4	ND	87	75-125%	---	---	
Silver	47.0	---	0.420	mg/kg dry	10	52.4	ND	90	75-125%	---	---	
Matrix Spike (9051090-MS2)			Prepared: 05/21/19 10:08 Analyzed: 05/21/19 22:35									
QC Source Sample: Non-SDG (A9E0595-01)												
EPA 6020A												
Arsenic	54.8	---	1.11	mg/kg dry	10	55.7	2.36	94	75-125%	---	---	
Barium	124	---	1.11	mg/kg dry	10	55.7	78.4	82	75-125%	---	---	
Cadmium	52.4	---	0.223	mg/kg dry	10	55.7	0.376	93	75-125%	---	---	
Chromium	189	---	1.11	mg/kg dry	10	55.7	225	**-66**	**75-125%**	---	---	Q-04
Lead	55.2	---	0.223	mg/kg dry	10	55.7	6.38	88	75-125%	---	---	
Mercury	1.05	---	0.0891	mg/kg dry	10	1.11	ND	94	75-125%	---	---	
Selenium	24.1	---	1.11	mg/kg dry	10	27.8	ND	86	75-125%	---	---	
Silver	25.8	---	0.223	mg/kg dry	10	27.8	ND	93	75-125%	---	---	

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Total Metals by EPA 6020A (ICPMS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051132 - EPA 3051A							**Soil**					
Blank (9051132-BLK1)			Prepared: 05/22/19 08:37 Analyzed: 05/22/19 17:21									
EPA 6020A												
Arsenic	ND	---	1.00	mg/kg wet	10	---	---	---	---	---	---	
Barium	ND	---	1.00	mg/kg wet	10	---	---	---	---	---	---	
Cadmium	ND	---	0.200	mg/kg wet	10	---	---	---	---	---	---	
Chromium	ND	---	1.00	mg/kg wet	10	---	---	---	---	---	---	
Lead	ND	---	0.200	mg/kg wet	10	---	---	---	---	---	---	
Mercury	ND	---	0.0800	mg/kg wet	10	---	---	---	---	---	---	
Selenium	ND	---	1.00	mg/kg wet	10	---	---	---	---	---	---	
Silver	ND	---	0.200	mg/kg wet	10	---	---	---	---	---	---	
LCS (9051132-BS1)			Prepared: 05/22/19 08:37 Analyzed: 05/22/19 17:25									
EPA 6020A												
Arsenic	52.4	---	1.00	mg/kg wet	10	50.0	---	105	80-120%	---	---	
Barium	54.6	---	1.00	mg/kg wet	10	50.0	---	109	80-120%	---	---	
Cadmium	52.3	---	0.200	mg/kg wet	10	50.0	---	105	80-120%	---	---	
Chromium	52.5	---	1.00	mg/kg wet	10	50.0	---	105	80-120%	---	---	
Lead	51.5	---	0.200	mg/kg wet	10	50.0	---	103	80-120%	---	---	
Mercury	1.04	---	0.0800	mg/kg wet	10	1.00	---	104	80-120%	---	---	
Selenium	24.2	---	1.00	mg/kg wet	10	25.0	---	97	80-120%	---	---	
Silver	26.1	---	0.200	mg/kg wet	10	25.0	---	104	80-120%	---	---	
Duplicate (9051132-DUP1)			Prepared: 05/22/19 08:37 Analyzed: 05/22/19 17:54									
QC Source Sample: DP-5(13-14) (A9E0401-18)												
EPA 6020A												
Arsenic	**5.45**	---	1.24	mg/kg dry	10	---	5.67	---	---	4	40%	
Barium	**148**	---	1.24	mg/kg dry	10	---	157	---	---	6	40%	
Cadmium	**0.662**	---	0.249	mg/kg dry	10	---	0.800	---	---	19	40%	
Chromium	**19.7**	---	1.24	mg/kg dry	10	---	20.1	---	---	2	40%	
Lead	**7.65**	---	0.249	mg/kg dry	10	---	7.32	---	---	4	40%	
Mercury	ND	---	0.0995	mg/kg dry	10	---	ND	---	---	---	40%	
Selenium	ND	---	1.24	mg/kg dry	10	---	ND	---	---	---	40%	
Silver	ND	---	0.249	mg/kg dry	10	---	ND	---	---	---	40%	
Matrix Spike (9051132-MS1)			Prepared: 05/22/19 08:37 Analyzed: 05/22/19 17:59									

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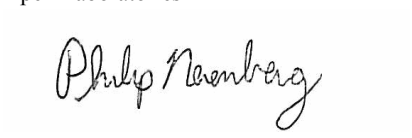

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GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	A9E0401 - 06 04 19 1033

QUALITY CONTROL (QC) SAMPLE RESULTS

Total Metals by EPA 6020A (ICPMS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051132 - EPA 3051A							Soil					
Matrix Spike (9051132-MS1)			Prepared: 05/22/19 08:37 Analyzed: 05/22/19 17:59									
QC Source Sample: DP-5(13-14) (A9E0401-18)												
EPA 6020A												
Arsenic	64.3	---	1.26	mg/kg dry	10	63.1	5.67	93	75-125%	---	---	
Barium	208	---	1.26	mg/kg dry	10	63.1	157	82	75-125%	---	---	
Cadmium	59.8	---	0.252	mg/kg dry	10	63.1	0.800	93	75-125%	---	---	
Chromium	81.7	---	1.26	mg/kg dry	10	63.1	20.1	98	75-125%	---	---	
Lead	64.5	---	0.252	mg/kg dry	10	63.1	7.32	91	75-125%	---	---	
Mercury	1.16	---	0.101	mg/kg dry	10	1.26	ND	92	75-125%	---	---	
Selenium	28.1	---	1.26	mg/kg dry	10	31.5	ND	89	75-125%	---	---	
Silver	29.4	---	0.252	mg/kg dry	10	31.5	ND	93	75-125%	---	---	
Matrix Spike (9051132-MS2)			Prepared: 05/22/19 08:37 Analyzed: 05/22/19 20:08									
QC Source Sample: DP-11(10-11) (A9E0401-36)												
EPA 6020A												
Arsenic	61.6	---	1.24	mg/kg dry	10	62.2	3.86	93	75-125%	---	---	
Barium	181	---	1.24	mg/kg dry	10	62.2	132	79	75-125%	---	---	
Cadmium	56.9	---	0.249	mg/kg dry	10	62.2	0.557	91	75-125%	---	---	
Chromium	71.0	---	1.24	mg/kg dry	10	62.2	12.3	94	75-125%	---	---	
Lead	59.6	---	0.249	mg/kg dry	10	62.2	5.67	87	75-125%	---	---	
Mercury	1.09	---	0.0995	mg/kg dry	10	1.24	ND	88	75-125%	---	---	
Selenium	27.7	---	1.24	mg/kg dry	10	31.1	ND	89	75-125%	---	---	
Silver	29.0	---	0.249	mg/kg dry	10	31.1	ND	93	75-125%	---	---	

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Total Metals by EPA 6020A (ICPMS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051151 - EPA 3051A							**Soil**					
Blank (9051151-BLK1)			Prepared: 05/22/19 11:42 Analyzed: 05/22/19 20:46									
EPA 6020A												
Arsenic	ND	---	0.962	mg/kg wet	10	---	---	---	---	---	---	
Barium	ND	---	0.962	mg/kg wet	10	---	---	---	---	---	---	
Cadmium	ND	---	0.192	mg/kg wet	10	---	---	---	---	---	---	
Chromium	ND	---	0.962	mg/kg wet	10	---	---	---	---	---	---	
Lead	ND	---	0.192	mg/kg wet	10	---	---	---	---	---	---	
Mercury	ND	---	0.0769	mg/kg wet	10	---	---	---	---	---	---	
Selenium	ND	---	0.962	mg/kg wet	10	---	---	---	---	---	---	
Silver	ND	---	0.192	mg/kg wet	10	---	---	---	---	---	---	
LCS (9051151-BS1)			Prepared: 05/22/19 11:42 Analyzed: 05/22/19 20:59									
EPA 6020A												
Arsenic	51.3	---	1.00	mg/kg wet	10	50.0	---	103	80-120%	---	---	
Barium	54.0	---	1.00	mg/kg wet	10	50.0	---	108	80-120%	---	---	
Cadmium	48.7	---	0.200	mg/kg wet	10	50.0	---	97	80-120%	---	---	
Chromium	52.2	---	1.00	mg/kg wet	10	50.0	---	104	80-120%	---	---	
Lead	48.8	---	0.200	mg/kg wet	10	50.0	---	98	80-120%	---	---	
Mercury	0.970	---	0.0800	mg/kg wet	10	1.00	---	97	80-120%	---	---	
Selenium	23.4	---	1.00	mg/kg wet	10	25.0	---	94	80-120%	---	---	
Silver	24.8	---	0.200	mg/kg wet	10	25.0	---	99	80-120%	---	---	
Duplicate (9051151-DUP1)			Prepared: 05/22/19 11:42 Analyzed: 05/22/19 21:20									
QC Source Sample: DP-12(16-17) (A9E0401-41)												
EPA 6020A												
Arsenic	**4.19**	---	1.21	mg/kg dry	10	---	4.18	---	---	0.3	40%	
Barium	**108**	---	1.21	mg/kg dry	10	---	109	---	---	0.7	40%	
Cadmium	**0.459**	---	0.242	mg/kg dry	10	---	0.607	---	---	28	40%	
Chromium	**11.5**	---	1.21	mg/kg dry	10	---	11.3	---	---	2	40%	
Lead	**5.37**	---	0.242	mg/kg dry	10	---	5.69	---	---	6	40%	
Mercury	ND	---	0.0967	mg/kg dry	10	---	ND	---	---	---	40%	
Selenium	ND	---	1.21	mg/kg dry	10	---	ND	---	---	---	40%	
Silver	ND	---	0.242	mg/kg dry	10	---	ND	---	---	---	40%	
Matrix Spike (9051151-MS1)			Prepared: 05/22/19 11:42 Analyzed: 05/22/19 21:24									

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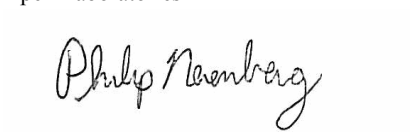

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Tigard, OR 97223
503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	A9E0401 - 06 04 19 1033

QUALITY CONTROL (QC) SAMPLE RESULTS

Total Metals by EPA 6020A (ICPMS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051151 - EPA 3051A							**Soil**					
Matrix Spike (9051151-MS1)			Prepared: 05/22/19 11:42		Analyzed: 05/22/19 21:24							
QC Source Sample: DP-12(16-17) (A9E0401-41)												
EPA 6020A												
Arsenic	60.7	---	1.21	mg/kg dry	10	60.3	4.18	94	75-125%	---	---	
Barium	164	---	1.21	mg/kg dry	10	60.3	109	92	75-125%	---	---	
Cadmium	55.3	---	0.241	mg/kg dry	10	60.3	0.607	91	75-125%	---	---	
Chromium	69.8	---	1.21	mg/kg dry	10	60.3	11.3	97	75-125%	---	---	
Lead	59.0	---	0.241	mg/kg dry	10	60.3	5.69	88	75-125%	---	---	
Mercury	1.09	---	0.0965	mg/kg dry	10	1.21	ND	91	75-125%	---	---	
Selenium	26.6	---	1.21	mg/kg dry	10	30.2	ND	88	75-125%	---	---	
Silver	28.1	---	0.241	mg/kg dry	10	30.2	ND	93	75-125%	---	---	
Matrix Spike (9051151-MS2)			Prepared: 05/22/19 11:42		Analyzed: 05/22/19 22:11							
QC Source Sample: Non-SDG (A9E0575-07)												
EPA 6020A												
Arsenic	69.9	---	1.33	mg/kg dry	10	66.5	8.50	92	75-125%	---	---	
Barium	236	---	1.33	mg/kg dry	10	66.5	177	88	75-125%	---	---	
Cadmium	63.4	---	0.266	mg/kg dry	10	66.5	0.809	94	75-125%	---	---	
Chromium	89.7	---	1.33	mg/kg dry	10	66.5	25.4	97	75-125%	---	---	
Lead	70.5	---	0.266	mg/kg dry	10	66.5	11.1	89	75-125%	---	---	
Mercury	1.27	---	0.106	mg/kg dry	10	1.33	ND	96	75-125%	---	---	
Selenium	29.5	---	1.33	mg/kg dry	10	33.2	ND	89	75-125%	---	---	
Silver	31.2	---	0.266	mg/kg dry	10	33.2	ND	94	75-125%	---	---	

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Total Metals by EPA 6020A (ICPMS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051410 - EPA 3051A							**Soil**					
Blank (9051410-BLK1)			Prepared: 05/30/19 11:44		Analyzed: 05/30/19 17:25							
EPA 6020A												
Cadmium	ND	---	0.192	mg/kg wet	10	---	---	---	---	---	---	
LCS (9051410-BS1)			Prepared: 05/30/19 11:44		Analyzed: 05/30/19 17:29							
EPA 6020A												
Cadmium	45.7	---	0.200	mg/kg wet	10	50.0	---	91	80-120%	---	---	
Duplicate (9051410-DUP1)			Prepared: 05/30/19 11:44		Analyzed: 05/30/19 18:24							
QC Source Sample: Non-SDG (A9E0801-06)												
Cadmium	**0.341**	---	0.261	mg/kg dry	10	---	0.400	---	---	16	40%	
Matrix Spike (9051410-MS1)			Prepared: 05/30/19 11:44		Analyzed: 05/30/19 18:29							
QC Source Sample: Non-SDG (A9E0801-06)												
EPA 6020A												
Cadmium	64.0	---	0.265	mg/kg dry	10	66.2	0.400	96	75-125%	---	---	
Matrix Spike (9051410-MS2)			Prepared: 05/30/19 11:44		Analyzed: 05/30/19 19:19							
QC Source Sample: Non-SDG (A9E0801-15)												
EPA 6020A												
Cadmium	76.2	---	0.303	mg/kg dry	10	75.8	0.933	99	75-125%	---	---	

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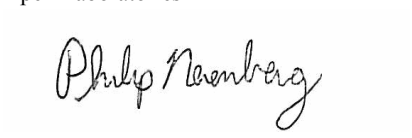

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

TCLP Metals by EPA 6020A (ICPMS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051390 - EPA 1311/3015							**Soil**					
Blank (9051390-BLK1)			Prepared: 05/30/19 10:30		Analyzed: 05/30/19 14:02							
1311/6020A												
Lead	ND	---	0.0500	mg/L	10	---	---	---	---	---	---	TCLP
LCS (9051390-BS1)			Prepared: 05/30/19 10:30		Analyzed: 05/30/19 14:07							
1311/6020A												
Lead	5.29	---	0.0500	mg/L	10	5.00	---	106	80-120%	---	---	TCLP
Matrix Spike (9051390-MS1)			Prepared: 05/30/19 10:30		Analyzed: 05/30/19 14:53							
QC Source Sample: Non-SDG (A9E0901-09)												
1311/6020A												
Lead	5.25	---	0.0500	mg/L	10	5.00	ND	105	50-150%	---	---	
Matrix Spike (9051390-MS2)			Prepared: 05/30/19 10:30		Analyzed: 05/30/19 14:35							
QC Source Sample: Non-SDG (A9E0733-01)												
1311/6020A												
Lead	5.04	---	0.0500	mg/L	10	5.00	ND	101	50-150%	---	---	

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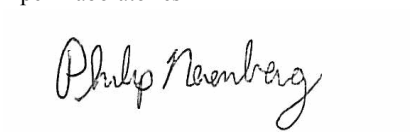

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
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QUALITY CONTROL (QC) SAMPLE RESULTS

Percent Dry Weight

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050832 - Total Solids (Dry Weight)							Soil					
Duplicate (9050832-DUP1)			Prepared: 05/14/19 09:52		Analyzed: 05/15/19 09:30							
QC Source Sample: Non-SDG (A9E0341-01)												
% Solids	**60.0**	---	1.00	% by Weight	1	---	59.9	---	---	0.1	10%	
Duplicate (9050832-DUP2)			Prepared: 05/14/19 09:52		Analyzed: 05/15/19 09:30							
QC Source Sample: Non-SDG (A9E0390-05)												
% Solids	**83.0**	---	1.00	% by Weight	1	---	82.5	---	---	0.6	10%	
Duplicate (9050832-DUP3)			Prepared: 05/14/19 09:52		Analyzed: 05/15/19 09:30							
QC Source Sample: DP-4(0.5-1.5) (A9E0401-10)												
EPA 8000C												
% Solids	**87.0**	---	1.00	% by Weight	1	---	84.1	---	---	3	10%	
Duplicate (9050832-DUP4)			Prepared: 05/14/19 09:52		Analyzed: 05/15/19 09:30							
QC Source Sample: DP-7(6.5-7.5) (A9E0401-23)												
EPA 8000C												
% Solids	**90.3**	---	1.00	% by Weight	1	---	91.9	---	---	2	10%	
Duplicate (9050832-DUP5)			Prepared: 05/14/19 09:52		Analyzed: 05/15/19 09:30							
QC Source Sample: DP-11(10-11) (A9E0401-36)												
EPA 8000C												
% Solids	**87.2**	---	1.00	% by Weight	1	---	88.2	---	---	1	10%	
Duplicate (9050832-DUP6)			Prepared: 05/14/19 09:52		Analyzed: 05/15/19 09:30							
QC Source Sample: Non-SDG (A9E0412-01)												
% Solids	**80.6**	---	1.00	% by Weight	1	---	83.6	---	---	4	10%	
Duplicate (9050832-DUP7)			Prepared: 05/14/19 20:34		Analyzed: 05/15/19 09:30							
QC Source Sample: Non-SDG (A9E0457-01)												
% Solids	**76.8**	---	1.00	% by Weight	1	---	71.6	---	---	7	10%	
Duplicate (9050832-DUP8)			Prepared: 05/14/19 20:34		Analyzed: 05/15/19 09:30							

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Percent Dry Weight

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050832 - Total Solids (Dry Weight)							**Soil**					
Duplicate (9050832-DUP8)			Prepared: 05/14/19 20:34		Analyzed: 05/15/19 09:30							
QC Source Sample: Non-SDG (A9E0462-02)												
% Solids	**95.0**	---	1.00	% by Weight	1	---	94.7	---	---	0.3	10%	
Duplicate (9050832-DUP9)			Prepared: 05/14/19 20:34		Analyzed: 05/15/19 09:30							
QC Source Sample: Non-SDG (A9E0465-04)												
% Solids	**80.8**	---	1.00	% by Weight	1	---	84.0	---	---	4	10%	

No Client related Batch QC samples analyzed for this batch. See notes page for more information.

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GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALITY CONTROL (QC) SAMPLE RESULTS

Percent Dry Weight

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9050893 - Total Solids (Dry Weight)							**Soil**					
Duplicate (9050893-DUP1)			Prepared: 05/15/19 09:44		Analyzed: 05/16/19 08:26							
QC Source Sample: Non-SDG (A9D0845-02)												
% Solids	**89.1**	---	1.00	% by Weight	1	---	89.0	---	---	0.06	10%	
Duplicate (9050893-DUP2)			Prepared: 05/15/19 09:44		Analyzed: 05/16/19 08:26							
QC Source Sample: Non-SDG (A9D0949-25)												
% Solids	**80.7**	---	1.00	% by Weight	1	---	81.0	---	---	0.4	10%	
Duplicate (9050893-DUP3)			Prepared: 05/15/19 09:44		Analyzed: 05/16/19 08:26							
QC Source Sample: Non-SDG (A9E0455-01)												
% Solids	**81.9**	---	1.00	% by Weight	1	---	82.4	---	---	0.6	10%	
Duplicate (9050893-DUP4)			Prepared: 05/15/19 19:13		Analyzed: 05/16/19 08:26							
QC Source Sample: Non-SDG (A9E0504-01)												
% Solids	**59.1**	---	1.00	% by Weight	1	---	59.0	---	---	0.1	10%	
Duplicate (9050893-DUP5)			Prepared: 05/15/19 19:13		Analyzed: 05/16/19 08:26							
QC Source Sample: Non-SDG (A9E0510-02)												
% Solids	**78.8**	---	1.00	% by Weight	1	---	79.0	---	---	0.3	10%	

No Client related Batch QC samples analyzed for this batch. See notes page for more information.

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SAMPLE PREPARATION INFORMATION

Hydrocarbon Identification Screen by NWTPH-HCID

Prep: NWTPH-HCID (Soil)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 9050923							
A9E0401-17	Soil	NWTPH-HCID	05/11/19 11:56	05/15/19 13:40	11.24g/10mL	10g/10mL	0.89
A9E0401-18	Soil	NWTPH-HCID	05/11/19 12:08	05/15/19 13:40	11.03g/10mL	10g/10mL	0.91
A9E0401-20	Soil	NWTPH-HCID	05/11/19 12:29	05/15/19 13:40	10.28g/10mL	10g/10mL	0.97
A9E0401-21	Soil	NWTPH-HCID	05/11/19 12:34	05/15/19 13:40	10.34g/10mL	10g/10mL	0.97
A9E0401-23	Soil	NWTPH-HCID	05/11/19 09:24	05/15/19 13:40	11.8g/10mL	10g/10mL	0.85
A9E0401-24	Soil	NWTPH-HCID	05/11/19 08:56	05/15/19 13:40	10.53g/10mL	10g/10mL	0.95
A9E0401-36	Soil	NWTPH-HCID	05/11/19 11:45	05/15/19 13:40	10.23g/10mL	10g/10mL	0.98
A9E0401-37	Soil	NWTPH-HCID	05/11/19 12:00	05/15/19 13:40	10.46g/10mL	10g/10mL	0.96
A9E0401-40	Soil	NWTPH-HCID	05/11/19 12:50	05/15/19 13:40	10.65g/10mL	10g/10mL	0.94
A9E0401-41	Soil	NWTPH-HCID	05/11/19 13:00	05/15/19 13:40	10.55g/10mL	10g/10mL	0.95

Volatile Organic Compounds by EPA 5035A/8260C

Prep: EPA 5035A

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 9050878							
A9E0401-01	Soil	5035A/8260C	05/11/19 16:09	05/11/19 16:09	5.34g/5mL	5g/5mL	0.94
A9E0401-03	Soil	5035A/8260C	05/11/19 16:20	05/11/19 16:20	5.35g/5mL	5g/5mL	0.94
A9E0401-04	Soil	5035A/8260C	05/11/19 10:42	05/11/19 10:42	5.97g/5mL	5g/5mL	0.84
A9E0401-06	Soil	5035A/8260C	05/11/19 11:16	05/11/19 11:16	6.02g/5mL	5g/5mL	0.83
A9E0401-07	Soil	5035A/8260C	05/11/19 13:11	05/11/19 13:11	6.39g/5mL	5g/5mL	0.78
A9E0401-09	Soil	5035A/8260C	05/11/19 13:28	05/11/19 13:28	4.75g/5mL	5g/5mL	1.05
A9E0401-10	Soil	5035A/8260C	05/11/19 14:44	05/11/19 14:44	6.22g/5mL	5g/5mL	0.80
A9E0401-11	Soil	5035A/8260C	05/11/19 14:49	05/11/19 14:49	5.83g/5mL	5g/5mL	0.86
A9E0401-12	Soil	5035A/8260C	05/11/19 14:57	05/11/19 14:57	4.27g/5mL	5g/5mL	1.17
A9E0401-16	Soil	5035A/8260C	05/11/19 11:48	05/11/19 11:48	6.53g/5mL	5g/5mL	0.77
A9E0401-17	Soil	5035A/8260C	05/11/19 11:56	05/11/19 11:56	6.2g/5mL	5g/5mL	0.81
A9E0401-19	Soil	5035A/8260C	05/11/19 12:21	05/11/19 12:21	6.11g/5mL	5g/5mL	0.82
A9E0401-20	Soil	5035A/8260C	05/11/19 12:29	05/11/19 12:29	5.35g/5mL	5g/5mL	0.94
A9E0401-21	Soil	5035A/8260C	05/11/19 12:34	05/11/19 12:34	4.8g/5mL	5g/5mL	1.04
A9E0401-22	Soil	5035A/8260C	05/11/19 09:17	05/11/19 09:17	4.56g/5mL	5g/5mL	1.10
A9E0401-23	Soil	5035A/8260C	05/11/19 09:24	05/11/19 09:24	6.35g/5mL	5g/5mL	0.79
A9E0401-24	Soil	5035A/8260C	05/11/19 08:56	05/11/19 08:56	5.19g/5mL	5g/5mL	0.96
A9E0401-25	Soil	5035A/8260C	05/11/19 08:24	05/11/19 08:24	5.92g/5mL	5g/5mL	0.85
Batch: 9050895							
A9E0401-26	Soil	5035A/8260C	05/11/19 08:49	05/11/19 08:49	5.35g/5mL	5g/5mL	0.94

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Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

SAMPLE PREPARATION INFORMATION

Volatile Organic Compounds by EPA 5035A/8260C

Prep: EPA 5035A

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
A9E0401-27	Soil	5035A/8260C	05/11/19 08:56	05/11/19 08:56	4.38g/5mL	5g/5mL	1.14
A9E0401-28	Soil	5035A/8260C	05/11/19 09:57	05/11/19 09:57	6.12g/5mL	5g/5mL	0.82
A9E0401-29	Soil	5035A/8260C	05/11/19 10:03	05/11/19 10:03	5.02g/5mL	5g/5mL	1.00
A9E0401-31	Soil	5035A/8260C	05/11/19 10:48	05/11/19 10:48	5.13g/5mL	5g/5mL	0.98
A9E0401-33	Soil	5035A/8260C	05/11/19 11:00	05/11/19 11:00	5.31g/5mL	5g/5mL	0.94
A9E0401-34	Soil	5035A/8260C	05/11/19 11:30	05/11/19 11:30	5.66g/5mL	5g/5mL	0.88
Batch: 9051023							
A9E0401-18	Soil	5035A/8260C	05/11/19 12:08	05/13/19 19:42	5.11g/5mL	5g/5mL	0.98
A9E0401-36	Soil	5035A/8260C	05/11/19 11:45	05/11/19 11:45	5.55g/5mL	5g/5mL	0.90
A9E0401-37	Soil	5035A/8260C	05/11/19 12:00	05/11/19 12:00	3.99g/5mL	5g/5mL	1.25
A9E0401-38	Soil	5035A/8260C	05/11/19 12:30	05/11/19 12:30	5.45g/5mL	5g/5mL	0.92
A9E0401-40	Soil	5035A/8260C	05/11/19 12:50	05/11/19 12:50	5.04g/5mL	5g/5mL	0.99
A9E0401-41	Soil	5035A/8260C	05/11/19 13:00	05/11/19 13:00	4.58g/5mL	5g/5mL	1.09
A9E0401-42	Soil	5035A/8260C	05/11/19 14:15	05/11/19 14:15	5.75g/5mL	5g/5mL	0.87
A9E0401-44	Soil	5035A/8260C	05/11/19 15:05	05/11/19 15:05	4.78g/5mL	5g/5mL	1.05
A9E0401-46	Soil	5035A/8260C	05/11/19 15:45	05/11/19 15:45	5.4g/5mL	5g/5mL	0.93
A9E0401-48	Soil	5035A/8260C	05/11/19 16:10	05/11/19 16:10	6.06g/5mL	5g/5mL	0.83
A9E0401-49	Soil	5035A/8260C	05/11/19 16:30	05/11/19 16:30	5.1g/5mL	5g/5mL	0.98
A9E0401-52	Soil	5035A/8260C	05/11/19 17:05	05/11/19 17:05	7.11g/5mL	5g/5mL	0.70

Polychlorinated Biphenyls by EPA 8082A

Prep: EPA 3546

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 9050839							
A9E0401-01	Soil	EPA 8082A	05/11/19 16:09	05/14/19 10:11	10.51g/5mL	10g/5mL	0.95
A9E0401-03	Soil	EPA 8082A	05/11/19 16:20	05/14/19 10:11	10.19g/5mL	10g/5mL	0.98
A9E0401-04	Soil	EPA 8082A	05/11/19 10:42	05/14/19 10:11	10.61g/5mL	10g/5mL	0.94
A9E0401-06	Soil	EPA 8082A	05/11/19 11:16	05/14/19 10:11	10.15g/5mL	10g/5mL	0.99
A9E0401-07	Soil	EPA 8082A	05/11/19 13:11	05/14/19 10:11	10.57g/5mL	10g/5mL	0.95
A9E0401-09	Soil	EPA 8082A	05/11/19 13:28	05/14/19 10:11	10.38g/5mL	10g/5mL	0.96
A9E0401-10	Soil	EPA 8082A	05/11/19 14:44	05/14/19 10:11	10.36g/5mL	10g/5mL	0.97
A9E0401-11	Soil	EPA 8082A	05/11/19 14:49	05/14/19 10:11	10.7g/5mL	10g/5mL	0.94
A9E0401-12	Soil	EPA 8082A	05/11/19 14:57	05/14/19 10:11	10.52g/5mL	10g/5mL	0.95
A9E0401-16	Soil	EPA 8082A	05/11/19 11:48	05/14/19 10:11	11.49g/5mL	10g/5mL	0.87
A9E0401-17	Soil	EPA 8082A	05/11/19 11:56	05/14/19 10:11	10.74g/5mL	10g/5mL	0.93
A9E0401-18	Soil	EPA 8082A	05/11/19 12:08	05/14/19 10:11	10.36g/5mL	10g/5mL	0.97

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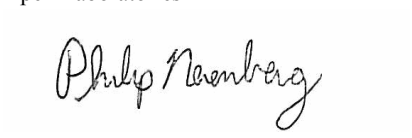

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503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

SAMPLE PREPARATION INFORMATION

Polychlorinated Biphenyls by EPA 8082A

Prep: EPA 3546

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
A9E0401-19	Soil	EPA 8082A	05/11/19 12:21	05/14/19 10:11	11.34g/5mL	10g/5mL	0.88
A9E0401-20	Soil	EPA 8082A	05/11/19 12:29	05/14/19 10:11	10.69g/5mL	10g/5mL	0.94
A9E0401-21	Soil	EPA 8082A	05/11/19 12:34	05/14/19 10:11	10.23g/5mL	10g/5mL	0.98
A9E0401-22	Soil	EPA 8082A	05/11/19 09:17	05/14/19 10:11	10.75g/5mL	10g/5mL	0.93
A9E0401-23	Soil	EPA 8082A	05/11/19 09:24	05/14/19 10:11	11.39g/5mL	10g/5mL	0.88
A9E0401-24	Soil	EPA 8082A	05/11/19 08:56	05/14/19 10:11	10.48g/5mL	10g/5mL	0.95
A9E0401-25	Soil	EPA 8082A	05/11/19 08:24	05/14/19 10:11	11.6g/5mL	10g/5mL	0.86
Batch: 9050884							
A9E0401-26	Soil	EPA 8082A	05/11/19 08:49	05/15/19 07:14	10.31g/5mL	10g/5mL	0.97
A9E0401-27	Soil	EPA 8082A	05/11/19 08:56	05/15/19 07:14	10.18g/5mL	10g/5mL	0.98
A9E0401-28	Soil	EPA 8082A	05/11/19 09:57	05/15/19 07:14	10.28g/5mL	10g/5mL	0.97
A9E0401-29	Soil	EPA 8082A	05/11/19 10:03	05/15/19 07:14	10.55g/5mL	10g/5mL	0.95
A9E0401-31	Soil	EPA 8082A	05/11/19 10:48	05/15/19 07:14	10.14g/5mL	10g/5mL	0.99
A9E0401-33	Soil	EPA 8082A	05/11/19 11:00	05/15/19 07:14	10.38g/5mL	10g/5mL	0.96
A9E0401-34	Soil	EPA 8082A	05/11/19 11:30	05/15/19 07:14	10.42g/5mL	10g/5mL	0.96
A9E0401-36	Soil	EPA 8082A	05/11/19 11:45	05/15/19 07:14	10.16g/5mL	10g/5mL	0.98
A9E0401-37	Soil	EPA 8082A	05/11/19 12:00	05/15/19 07:14	10.58g/5mL	10g/5mL	0.95
A9E0401-38	Soil	EPA 8082A	05/11/19 12:30	05/15/19 07:14	10.58g/5mL	10g/5mL	0.95
A9E0401-40	Soil	EPA 8082A	05/11/19 12:50	05/15/19 07:14	10.37g/5mL	10g/5mL	0.96
A9E0401-41	Soil	EPA 8082A	05/11/19 13:00	05/15/19 07:14	10.34g/5mL	10g/5mL	0.97
A9E0401-42	Soil	EPA 8082A	05/11/19 14:15	05/15/19 07:14	10.75g/5mL	10g/5mL	0.93
Batch: 9050926							
A9E0401-44	Soil	EPA 8082A	05/11/19 15:05	05/15/19 15:13	10.28g/5mL	10g/5mL	0.97
A9E0401-46	Soil	EPA 8082A	05/11/19 15:45	05/15/19 15:13	10.47g/5mL	10g/5mL	0.96
A9E0401-48	Soil	EPA 8082A	05/11/19 16:10	05/15/19 15:13	10.61g/5mL	10g/5mL	0.94
A9E0401-49	Soil	EPA 8082A	05/11/19 16:30	05/15/19 15:13	10.22g/5mL	10g/5mL	0.98
A9E0401-52	Soil	EPA 8082A	05/11/19 17:05	05/15/19 15:13	10.69g/5mL	10g/5mL	0.94

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Prep: EPA 3546

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 9050815							
A9E0401-01	Soil	EPA 8270D (SIM)	05/11/19 16:09	05/14/19 06:44	11.93g/5mL	10g/5mL	0.84
A9E0401-03	Soil	EPA 8270D (SIM)	05/11/19 16:20	05/14/19 06:44	11.61g/5mL	10g/5mL	0.86
A9E0401-26	Soil	EPA 8270D (SIM)	05/11/19 08:49	05/14/19 06:33	11.2g/5mL	10g/5mL	0.89

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

SAMPLE PREPARATION INFORMATION

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Prep: EPA 3546

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
A9E0401-27	Soil	EPA 8270D (SIM)	05/11/19 08:56	05/14/19 06:33	11.25g/5mL	10g/5mL	0.89
A9E0401-28	Soil	EPA 8270D (SIM)	05/11/19 09:57	05/14/19 06:33	11.42g/5mL	10g/5mL	0.88
A9E0401-29	Soil	EPA 8270D (SIM)	05/11/19 10:03	05/14/19 06:33	11.24g/5mL	10g/5mL	0.89
A9E0401-31	Soil	EPA 8270D (SIM)	05/11/19 10:48	05/14/19 06:33	11.76g/5mL	10g/5mL	0.85
A9E0401-33	Soil	EPA 8270D (SIM)	05/11/19 11:00	05/14/19 06:33	11.37g/5mL	10g/5mL	0.88
A9E0401-34	Soil	EPA 8270D (SIM)	05/11/19 11:30	05/14/19 06:33	11.16g/5mL	10g/5mL	0.90
A9E0401-36	Soil	EPA 8270D (SIM)	05/11/19 11:45	05/14/19 06:33	11.54g/5mL	10g/5mL	0.87
A9E0401-37	Soil	EPA 8270D (SIM)	05/11/19 12:00	05/14/19 06:33	11.97g/5mL	10g/5mL	0.84
A9E0401-38	Soil	EPA 8270D (SIM)	05/11/19 12:30	05/14/19 06:33	11.76g/5mL	10g/5mL	0.85
A9E0401-40	Soil	EPA 8270D (SIM)	05/11/19 12:50	05/14/19 06:33	11.34g/5mL	10g/5mL	0.88
A9E0401-41	Soil	EPA 8270D (SIM)	05/11/19 13:00	05/14/19 06:33	11.21g/5mL	10g/5mL	0.89
A9E0401-42	Soil	EPA 8270D (SIM)	05/11/19 14:15	05/14/19 06:33	11.55g/5mL	10g/5mL	0.87
A9E0401-44	Soil	EPA 8270D (SIM)	05/11/19 15:05	05/14/19 06:33	11.67g/5mL	10g/5mL	0.86
A9E0401-46	Soil	EPA 8270D (SIM)	05/11/19 15:45	05/14/19 06:33	11.19g/5mL	10g/5mL	0.89
A9E0401-48	Soil	EPA 8270D (SIM)	05/11/19 16:10	05/14/19 06:33	11.97g/5mL	10g/5mL	0.84
A9E0401-49	Soil	EPA 8270D (SIM)	05/11/19 16:30	05/14/19 06:33	11.7g/5mL	10g/5mL	0.86
Batch: 9050855							
A9E0401-04	Soil	EPA 8270D (SIM)	05/11/19 10:42	05/14/19 17:16	11.77g/5mL	10g/5mL	0.85
A9E0401-06	Soil	EPA 8270D (SIM)	05/11/19 11:16	05/14/19 17:16	10.47g/5mL	10g/5mL	0.96
A9E0401-07	Soil	EPA 8270D (SIM)	05/11/19 13:11	05/14/19 17:16	11.86g/5mL	10g/5mL	0.84
A9E0401-09	Soil	EPA 8270D (SIM)	05/11/19 13:28	05/14/19 17:16	11.06g/5mL	10g/5mL	0.90
A9E0401-10	Soil	EPA 8270D (SIM)	05/11/19 14:44	05/14/19 17:16	10.76g/5mL	10g/5mL	0.93
A9E0401-11	Soil	EPA 8270D (SIM)	05/11/19 14:49	05/14/19 17:16	11.4g/5mL	10g/5mL	0.88
A9E0401-16	Soil	EPA 8270D (SIM)	05/11/19 11:48	05/14/19 17:16	10.62g/5mL	10g/5mL	0.94
A9E0401-17	Soil	EPA 8270D (SIM)	05/11/19 11:56	05/14/19 17:16	11.85g/5mL	10g/5mL	0.84
A9E0401-18	Soil	EPA 8270D (SIM)	05/11/19 12:08	05/14/19 17:16	11.16g/5mL	10g/5mL	0.90
A9E0401-19	Soil	EPA 8270D (SIM)	05/11/19 12:21	05/14/19 17:16	11.74g/5mL	10g/5mL	0.85
A9E0401-20	Soil	EPA 8270D (SIM)	05/11/19 12:29	05/14/19 17:16	10.91g/5mL	10g/5mL	0.92
A9E0401-21	Soil	EPA 8270D (SIM)	05/11/19 12:34	05/14/19 17:16	11.88g/5mL	10g/5mL	0.84
A9E0401-22	Soil	EPA 8270D (SIM)	05/11/19 09:17	05/14/19 17:16	10.38g/5mL	10g/5mL	0.96
Batch: 9050917							
A9E0401-23	Soil	EPA 8270D (SIM)	05/11/19 09:24	05/15/19 13:06	11.34g/5mL	10g/5mL	0.88
A9E0401-24	Soil	EPA 8270D (SIM)	05/11/19 08:56	05/15/19 13:06	11.08g/5mL	10g/5mL	0.90
A9E0401-25	Soil	EPA 8270D (SIM)	05/11/19 08:24	05/15/19 13:06	11.49g/5mL	10g/5mL	0.87
A9E0401-52	Soil	EPA 8270D (SIM)	05/11/19 17:05	05/15/19 13:06	11.41g/5mL	10g/5mL	0.88
Batch: 9051116							

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

SAMPLE PREPARATION INFORMATION

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Prep: EPA 3546

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
A9E0401-12RE1	Soil	EPA 8270D (SIM)	05/11/19 14:57	05/21/19 14:46	10.24g/5mL	10g/5mL	0.98

Total Metals by EPA 6020A (ICPMS)

Prep: EPA 3051A

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 9051090							
A9E0401-01	Soil	EPA 6020A	05/11/19 16:09	05/21/19 10:08	0.467g/50mL	0.5g/50mL	1.07
A9E0401-03	Soil	EPA 6020A	05/11/19 16:20	05/21/19 10:08	0.469g/50mL	0.5g/50mL	1.07
A9E0401-04	Soil	EPA 6020A	05/11/19 10:42	05/21/19 10:08	0.482g/50mL	0.5g/50mL	1.04
A9E0401-06	Soil	EPA 6020A	05/11/19 11:16	05/21/19 10:08	0.468g/50mL	0.5g/50mL	1.07
A9E0401-07	Soil	EPA 6020A	05/11/19 13:11	05/21/19 10:08	0.469g/50mL	0.5g/50mL	1.07
A9E0401-09	Soil	EPA 6020A	05/11/19 13:28	05/21/19 10:08	0.477g/50mL	0.5g/50mL	1.05
A9E0401-10	Soil	EPA 6020A	05/11/19 14:44	05/21/19 10:08	0.472g/50mL	0.5g/50mL	1.06
A9E0401-11	Soil	EPA 6020A	05/11/19 14:49	05/21/19 10:08	0.468g/50mL	0.5g/50mL	1.07
Batch: 9051132							
A9E0401-12	Soil	EPA 6020A	05/11/19 14:57	05/22/19 08:37	0.458g/50mL	0.5g/50mL	1.09
A9E0401-16	Soil	EPA 6020A	05/11/19 11:48	05/22/19 08:37	0.473g/50mL	0.5g/50mL	1.06
A9E0401-17	Soil	EPA 6020A	05/11/19 11:56	05/22/19 08:37	0.458g/50mL	0.5g/50mL	1.09
A9E0401-18	Soil	EPA 6020A	05/11/19 12:08	05/22/19 08:37	0.461g/50mL	0.5g/50mL	1.08
A9E0401-19	Soil	EPA 6020A	05/11/19 12:21	05/22/19 08:37	0.484g/50mL	0.5g/50mL	1.03
A9E0401-20	Soil	EPA 6020A	05/11/19 12:29	05/22/19 08:37	0.477g/50mL	0.5g/50mL	1.05
A9E0401-21	Soil	EPA 6020A	05/11/19 12:34	05/22/19 08:37	0.489g/50mL	0.5g/50mL	1.02
A9E0401-22	Soil	EPA 6020A	05/11/19 09:17	05/22/19 08:37	0.492g/50mL	0.5g/50mL	1.02
A9E0401-23	Soil	EPA 6020A	05/11/19 09:24	05/22/19 08:37	0.461g/50mL	0.5g/50mL	1.08
A9E0401-23RE1	Soil	EPA 6020A	05/11/19 09:24	05/22/19 08:37	0.461g/50mL	0.5g/50mL	1.08
A9E0401-24	Soil	EPA 6020A	05/11/19 08:56	05/22/19 08:37	0.462g/50mL	0.5g/50mL	1.08
A9E0401-25	Soil	EPA 6020A	05/11/19 08:24	05/22/19 08:37	0.463g/50mL	0.5g/50mL	1.08
A9E0401-26	Soil	EPA 6020A	05/11/19 08:49	05/22/19 08:37	0.475g/50mL	0.5g/50mL	1.05
A9E0401-27	Soil	EPA 6020A	05/11/19 08:56	05/22/19 08:37	0.492g/50mL	0.5g/50mL	1.02
A9E0401-28	Soil	EPA 6020A	05/11/19 09:57	05/22/19 08:37	0.451g/50mL	0.5g/50mL	1.11
A9E0401-29	Soil	EPA 6020A	05/11/19 10:03	05/22/19 08:37	0.473g/50mL	0.5g/50mL	1.06
A9E0401-31	Soil	EPA 6020A	05/11/19 10:48	05/22/19 08:37	0.462g/50mL	0.5g/50mL	1.08
A9E0401-31RE1	Soil	EPA 6020A	05/11/19 10:48	05/22/19 08:37	0.462g/50mL	0.5g/50mL	1.08
A9E0401-33	Soil	EPA 6020A	05/11/19 11:00	05/22/19 08:37	0.49g/50mL	0.5g/50mL	1.02
A9E0401-34	Soil	EPA 6020A	05/11/19 11:30	05/22/19 08:37	0.471g/50mL	0.5g/50mL	1.06
A9E0401-36	Soil	EPA 6020A	05/11/19 11:45	05/22/19 08:37	0.463g/50mL	0.5g/50mL	1.08

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503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

SAMPLE PREPARATION INFORMATION

Total Metals by EPA 6020A (ICPMS)

Prep: EPA 3051A

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 9051151							
A9E0401-37	Soil	EPA 6020A	05/11/19 12:00	05/22/19 11:42	0.458g/50mL	0.5g/50mL	1.09
A9E0401-38	Soil	EPA 6020A	05/11/19 12:30	05/22/19 11:42	0.502g/50mL	0.5g/50mL	1.00
A9E0401-40	Soil	EPA 6020A	05/11/19 12:50	05/22/19 11:42	0.475g/50mL	0.5g/50mL	1.05
A9E0401-40RE1	Soil	EPA 6020A	05/11/19 12:50	05/22/19 11:42	0.475g/50mL	0.5g/50mL	1.05
A9E0401-41	Soil	EPA 6020A	05/11/19 13:00	05/22/19 11:42	0.47g/50mL	0.5g/50mL	1.06
A9E0401-42	Soil	EPA 6020A	05/11/19 14:15	05/22/19 11:42	0.485g/50mL	0.5g/50mL	1.03
A9E0401-44	Soil	EPA 6020A	05/11/19 15:05	05/22/19 11:42	0.45g/50mL	0.5g/50mL	1.11
A9E0401-46	Soil	EPA 6020A	05/11/19 15:45	05/22/19 11:42	0.476g/50mL	0.5g/50mL	1.05
A9E0401-48	Soil	EPA 6020A	05/11/19 16:10	05/22/19 11:42	0.49g/50mL	0.5g/50mL	1.02
A9E0401-49	Soil	EPA 6020A	05/11/19 16:30	05/22/19 11:42	0.459g/50mL	0.5g/50mL	1.09
A9E0401-52	Soil	EPA 6020A	05/11/19 17:05	05/22/19 11:42	0.492g/50mL	0.5g/50mL	1.02

TCLP Metals by EPA 6020A (ICPMS)

Prep: EPA 1311/3015

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 9051390							
A9E0401-10	Soil	1311/6020A	05/11/19 14:44	05/30/19 10:30	10mL/50mL	10mL/50mL	1.00

TCLP Extraction by EPA 1311

Prep: EPA 1311 (TCLP)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 9051351							
A9E0401-10	Soil	EPA 1311	05/11/19 14:44	05/29/19 18:06	100.1g/2002mL	100g/2000mL	NA

Percent Dry Weight

Prep: Total Solids (Dry Weight)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 9050832							
A9E0401-01	Soil	EPA 8000C	05/11/19 16:09	05/14/19 09:52			NA
A9E0401-03	Soil	EPA 8000C	05/11/19 16:20	05/14/19 09:52			NA
A9E0401-04	Soil	EPA 8000C	05/11/19 10:42	05/14/19 09:52			NA
A9E0401-06	Soil	EPA 8000C	05/11/19 11:16	05/14/19 09:52			NA
A9E0401-07	Soil	EPA 8000C	05/11/19 13:11	05/14/19 09:52			NA

Apex Laboratories

Philip Nerenberg, Lab Director

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Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

SAMPLE PREPARATION INFORMATION

Percent Dry Weight

Prep: Total Solids (Dry Weight)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
A9E0401-09	Soil	EPA 8000C	05/11/19 13:28	05/14/19 09:52			NA
A9E0401-10	Soil	EPA 8000C	05/11/19 14:44	05/14/19 09:52			NA
A9E0401-11	Soil	EPA 8000C	05/11/19 14:49	05/14/19 09:52			NA
A9E0401-12	Soil	EPA 8000C	05/11/19 14:57	05/14/19 09:52			NA
A9E0401-16	Soil	EPA 8000C	05/11/19 11:48	05/14/19 09:52			NA
A9E0401-17	Soil	EPA 8000C	05/11/19 11:56	05/14/19 09:52			NA
A9E0401-18	Soil	EPA 8000C	05/11/19 12:08	05/14/19 09:52			NA
A9E0401-19	Soil	EPA 8000C	05/11/19 12:21	05/14/19 09:52			NA
A9E0401-20	Soil	EPA 8000C	05/11/19 12:29	05/14/19 09:52			NA
A9E0401-21	Soil	EPA 8000C	05/11/19 12:34	05/14/19 09:52			NA
A9E0401-22	Soil	EPA 8000C	05/11/19 09:17	05/14/19 09:52			NA
A9E0401-23	Soil	EPA 8000C	05/11/19 09:24	05/14/19 09:52			NA
A9E0401-24	Soil	EPA 8000C	05/11/19 08:56	05/14/19 09:52			NA
A9E0401-25	Soil	EPA 8000C	05/11/19 08:24	05/14/19 09:52			NA
A9E0401-26	Soil	EPA 8000C	05/11/19 08:49	05/14/19 09:52			NA
A9E0401-27	Soil	EPA 8000C	05/11/19 08:56	05/14/19 09:52			NA
A9E0401-28	Soil	EPA 8000C	05/11/19 09:57	05/14/19 09:52			NA
A9E0401-29	Soil	EPA 8000C	05/11/19 10:03	05/14/19 09:52			NA
A9E0401-31	Soil	EPA 8000C	05/11/19 10:48	05/14/19 09:52			NA
A9E0401-33	Soil	EPA 8000C	05/11/19 11:00	05/14/19 09:52			NA
A9E0401-34	Soil	EPA 8000C	05/11/19 11:30	05/14/19 09:52			NA
A9E0401-36	Soil	EPA 8000C	05/11/19 11:45	05/14/19 09:52			NA
A9E0401-37	Soil	EPA 8000C	05/11/19 12:00	05/14/19 09:52			NA
A9E0401-38	Soil	EPA 8000C	05/11/19 12:30	05/14/19 09:52			NA
A9E0401-40	Soil	EPA 8000C	05/11/19 12:50	05/14/19 09:52			NA
A9E0401-41	Soil	EPA 8000C	05/11/19 13:00	05/14/19 09:52			NA
A9E0401-42	Soil	EPA 8000C	05/11/19 14:15	05/14/19 09:52			NA
A9E0401-44	Soil	EPA 8000C	05/11/19 15:05	05/14/19 09:52			NA
A9E0401-46	Soil	EPA 8000C	05/11/19 15:45	05/14/19 09:52			NA
A9E0401-48	Soil	EPA 8000C	05/11/19 16:10	05/14/19 09:52			NA
A9E0401-49	Soil	EPA 8000C	05/11/19 16:30	05/14/19 09:52			NA
Batch: 9050893							
A9E0401-52	Soil	EPA 8000C	05/11/19 17:05	05/15/19 09:44			NA

Apex Laboratories

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Philip Nerenberg, Lab Director

Apex Laboratories, LLC

6700 S.W. Sandburg Street
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503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

QUALIFIER DEFINITIONS

Client Sample and Quality Control (QC) Sample Qualifier Definitions:

Apex Laboratories

C-07	Extract has undergone Sulfuric Acid Cleanup by EPA 3665A, Sulfur Cleanup by EPA 3660B, and Florisil Cleanup by EPA 3620B in order to minimize matrix interference.
COMP	Sample is a composite of discrete samples. See prep information for details.
M-04	Due to matrix interference, this analyte cannot be accurately quantified. The reported result may contain a high bias.
M-05	Estimated results. Peak separation for structural isomers is insufficient for accurate quantification.
Q-01	Spike recovery and/or RPD is outside acceptance limits.
Q-03	Spike recovery and/or RPD is outside control limits due to the high concentration of analyte present in the sample.
Q-04	Spike recovery and/or RPD is outside control limits due to a non-homogeneous sample matrix.
Q-05	Analyses are not controlled on RPD values from sample and duplicate concentrations that are below 5 times the reporting level.
Q-17	RPD between original and duplicate sample is outside of established control limits.
Q-54	Daily Continuing Calibration Verification recovery for this analyte failed the +/-20% criteria listed in EPA method 8260C/8270D by +1.5%. The results are reported as Estimated Values.
Q-54a	Daily Continuing Calibration Verification recovery for this analyte failed the +/-20% criteria listed in EPA method 8260C/8270D by +18.9%. The results are reported as Estimated Values.
Q-54b	Daily Continuing Calibration Verification recovery for this analyte failed the +/-20% criteria listed in EPA method 8260C/8270D by +19.2%. The results are reported as Estimated Values.
Q-54c	Daily Continuing Calibration Verification recovery for this analyte failed the +/-20% criteria listed in EPA method 8260C/8270D by +2.5%. The results are reported as Estimated Values.
Q-54d	Daily Continuing Calibration Verification recovery for this analyte failed the +/-20% criteria listed in EPA method 8260C/8270D by +4.7%. The results are reported as Estimated Values.
Q-54e	Daily Continuing Calibration Verification recovery for this analyte failed the +/-20% criteria listed in EPA method 8260C/8270D by +6.5%. The results are reported as Estimated Values.
Q-54f	Daily Continuing Calibration Verification recovery for this analyte failed the +/-20% criteria listed in EPA method 8260C/8270D by -4.8%. The results are reported as Estimated Values.
Q-54g	Daily Continuing Calibration Verification recovery for this analyte failed the +/-20% criteria listed in EPA method 8260C/8270D by -5.1%. The results are reported as Estimated Values.
Q-54h	Daily Continuing Calibration Verification recovery for this analyte failed the +/-20% criteria listed in EPA method 8260C/8270D by -5.3%. The results are reported as Estimated Values.
Q-54i	Daily Continuing Calibration Verification recovery for this analyte failed the +/-20% criteria listed in EPA method 8260C/8270D by -6.7%. The results are reported as Estimated Values.
Q-54j	Daily Continuing Calibration Verification recovery for this analyte failed the +/-20% criteria listed in EPA method 8260C/8270D by -8.1%. The results are reported as Estimated Values.

Apex Laboratories

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Philip Nerenberg, Lab Director

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GeoDesign, Inc.	Project:	**Modera Morrison**	
9450 SW Commerce Circle	Project Number:	**Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager:	**Kyle Sattler**	**A9E0401 - 06 04 19 1033**

Q-55	Daily CCV/LCS recovery for this analyte was below the +/-20% criteria listed in EPA 8260C, however there is adequate sensitivity to ensure detection at the reporting level.
Q-56	Daily CCV/LCS recovery for this analyte was above the +/-20% criteria listed in EPA 8260C
R-02	The Reporting Limit for this analyte has been raised to account for interference from coeluting organic compounds present in the sample.
TCLP	This batch QC sample was prepared with TCLP or SPLP fluid from preparation batch 9051351.
V-15	Sample aliquot was subsampled from the sample container. The subsampled aliquot was preserved in the laboratory within 48 hours of sampling.
V-16	Sample aliquot was subsampled from the sample container in the laboratory. The subsampled aliquot was not preserved within 48 hours of sampling.

Apex Laboratories

Philip Nerenberg

Philip Nerenberg, Lab Director

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REPORTING NOTES AND CONVENTIONS:

Abbreviations:

DET Analyte DETECTED at or above the detection or reporting limit.

ND Analyte NOT DETECTED at or above the detection or reporting limit.

NR Result Not Reported

RPD Relative Percent Difference. RPDs for Matrix Spikes and Matrix Spike Duplicates are based on concentration, not recovery.

Detection Limits: Limit of Detection (LOD)

Limits of Detection (LODs) are normally set at a level of one half the validated Limit of Quantitation (LOQ).
If no value is listed ('-----'), then the data has not been evaluated below the Reporting Limit.

Reporting Limits: Limit of Quantitation (LOQ)

Validated Limits of Quantitation (LOQs) are reported as the Reporting Limits for all analyses where the LOQ, MRL, PQL or CRL are requested. The LOQ represents a level at or above the low point of the calibration curve, that has been validated according to Apex Laboratories' comprehensive LOQ policies and procedures.

Reporting Conventions:

Basis: Results for soil samples are generally reported on a 100% dry weight basis.
The Result Basis is listed following the units as " dry", " wet", or " " (blank) designation.

" dry" Sample results and Reporting Limits are reported on a dry weight basis. (i.e. "ug/kg dry")
See Percent Solids section for details of dry weight analysis.

" wet" Sample results and Reporting Limits for this analysis are normally dry weight corrected, but have not been modified in this case.

" " Results without 'wet' or 'dry' designation are not normally dry weight corrected. These results are considered 'As Received'.

QC Source:

In cases where there is insufficient sample provided for Sample Duplicates and/or Matrix Spikes, a Lab Control Sample Duplicate (LCS Dup) may be analyzed to demonstrate accuracy and precision of the extraction batch.

Non-Client Batch QC Samples (Duplicates and Matrix Spike/Duplicates) may not be included in this report. Please request a Full QC report if this data is required.

Miscellaneous Notes:

" --- " QC results are not applicable. For example, % Recoveries for Blanks and Duplicates, % RPD for Blanks, Blank Spikes and Matrix Spikes, etc.

" *** " Used to indicate a possible discrepancy with the Sample and Sample Duplicate results when the %RPD is not available. In this case, either the Sample or the Sample Duplicate has a reportable result for this analyte, while the other is Non Detect (ND).

Blanks:

Standard practice is to evaluate the results from Blank QC Samples down to a level equal to ½ the Reporting Limit (RL).
-For Blank hits falling between ½ the RL and the RL (J flagged hits), the associated sample and QC data will receive a 'B-02' qualifier.
-For Blank hits above the RL, the associated sample and QC data will receive a 'B' qualifier, per Apex Laboratories' Blank Policy.
For further details, please request a copy of this document.

Apex Laboratories

Philip Nerenberg, Lab Director

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Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

REPORTING NOTES AND CONVENTIONS (Cont.):

Blanks (Cont.):

Sample results flagged with a 'B' or 'B-02' qualifier are potentially biased high if the sample results are less than ten times the level found in the blank for inorganic analyses, or less than five times the level found in the blank for organic analyses.

'B' and 'B-02' qualifications are only applied to sample results detected above the Reporting Level.

Preparation Notes:

Mixed Matrix Samples:

Water Samples:

Water samples containing significant amounts of sediment are decanted or separated prior to extraction, and only the water portion analyzed, unless otherwise directed by the client.

Soil and Sediment Samples:

Soil and Sediment samples containing significant amounts of water are decanted prior to extraction, and only the solid portion analyzed, unless otherwise directed by the client.

Sampling and Preservation Notes:

Certain regulatory programs, such as National Pollutant Discharge Elimination System (NPDES), require that activities such as sample filtration (for dissolved metals, orthophosphate, hexavalent chromium, etc.) and testing of short hold analytes (pH, Dissolved Oxygen, etc.) be performed in the field (on-site) within a short time window. In addition, sample matrix spikes are required for some analyses, and sufficient volume must be provided, and billable site specific QC requested, if this is required. All regulatory permits should be reviewed to ensure that these requirements are being met.

Data users should be aware of which regulations pertain to the samples they submit for testing. If related sample collection activities are not approved for a particular regulatory program, results should be considered estimates. Apex Laboratories will qualify these analytes according to the most stringent requirements, however results for samples that are for non-regulatory purposes may be acceptable.

Samples that have been filtered and preserved at Apex Laboratories per client request are listed in the preparation section of the report with the date and time of filtration listed.

Apex Laboratories maintains detailed records on sample receipt, including client label verification, cooler temperature, sample preservation, hold time compliance and field filtration. Data is qualified as necessary, and the lack of qualification indicates compliance with required parameters.

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Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

LABORATORY ACCREDITATION INFORMATION

TNI Certification ID: OR100062 (Primary Accreditation) - EPA ID: OR01039

All methods and analytes reported from work performed at Apex Laboratories are included on Apex Laboratories' ORELAP Scope of Certification, with the exception of any analyte(s) listed below:

Apex Laboratories

Matrix	Analysis	TNI_ID	Analyte	TNI_ID	Accreditation

All reported analytes are included in Apex Laboratories' current ORELAP scope.

Secondary Accreditations

Apex Laboratories also maintains reciprocal accreditation with non-TNI states (Washington DOE), as well as other state specific accreditations not listed here.

Subcontract Laboratory Accreditations

Subcontracted data falls outside of Apex Laboratories' Scope of Accreditation.
Please see the Subcontract Laboratory report for full details, or contact your Project Manager for more information.

Field Testing Parameters

Results for Field Tested data are provded by the client or sampler, and fall outside of Apex Laboratories' Scope of Accreditation.

Apex Laboratories

Philip Nerenberg, Lab Director

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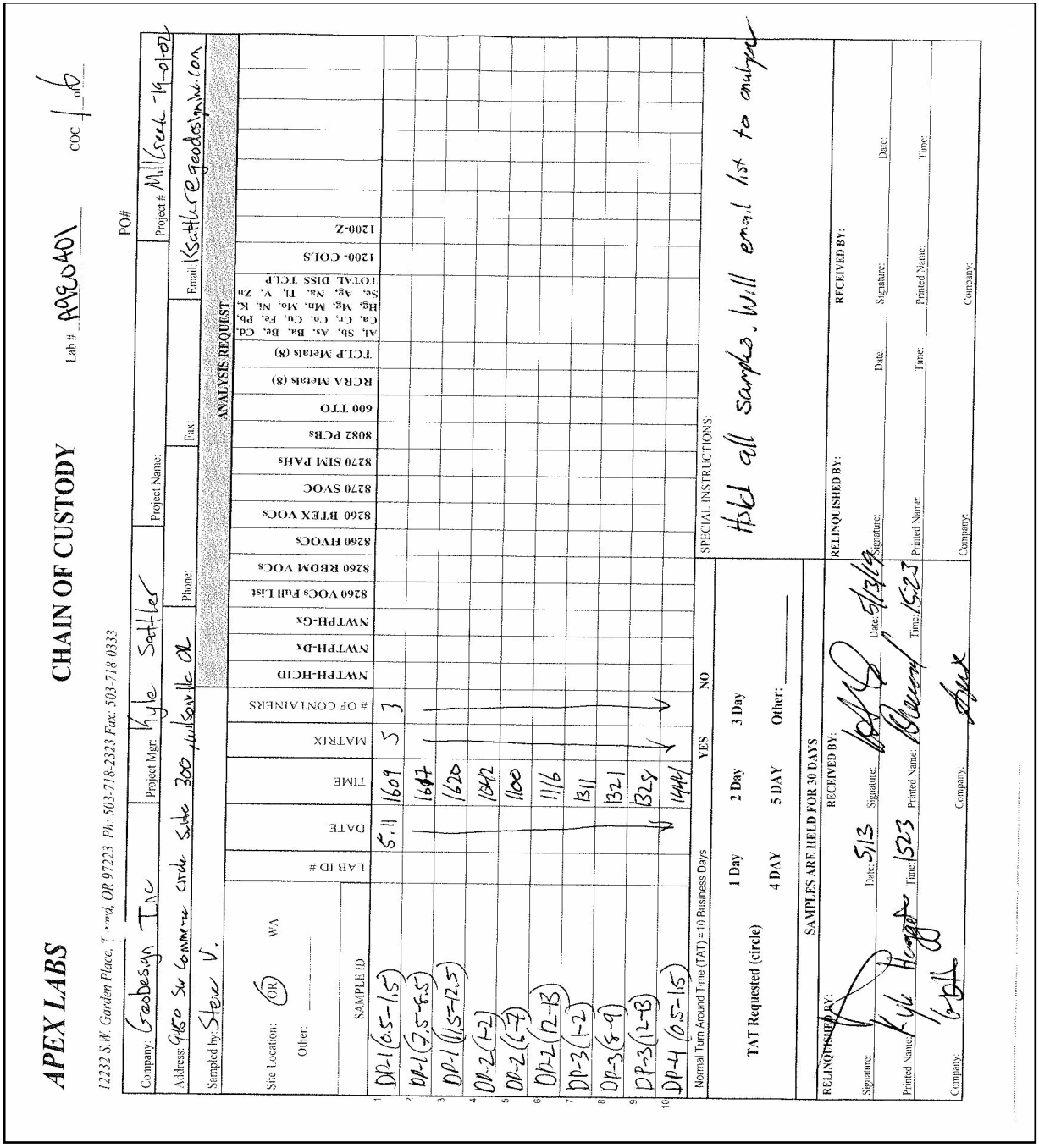
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**



APEX LABS — CHAIN OF CUSTODY

12232 S.W. Garden Place, Tigard, OR 97223 Ph: 503-718-2323 Fax: 503-718-0333

Lab # A9E0401 COC 1 of 1

Company: Geodesign Inc | Project Mgr: Kyle Sattler | Project Name: | Project # Millcreek-19-01-02

Address: 9450 SW Commerce Circle Suite 300 Wilsonville OR | Phone: | Fax: | Email: ksattler@geodesign.net

Sampled by: Steve V. | PO#

Site Location: OR WA | Other: ____

ANALYSIS REQUEST

	SAMPLE ID	LAB ID #	DATE	TIME	MATRIX	# OF CONTAINERS	NWTPH-HCID	NWTPH-Dx	NWTPH-Gx	8260 VOCs Full List	8260 RBDM VOCs	8260 HVOCs	8260 BTEX VOCs	8270 SVOC	8270 SIM PAHs	8082 PCBs	600 TTO	RCRA Metals (8)	TCLP Metals (8)	Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Hg, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Tl, V, Zn TOTAL DISS TCLP	1200- COLS	1200-Z
1	DP-1 (0.5-1.5)		5.11	1609	S	3																
2	DP-1 (7.5-8.5)			1647																		
3	DP-1 (11.5-12.5)			1620																		
4	DP-2 (1-2)			1042																		
5	DP-2 (6-7)			1100																		
6	DP-2 (12-13)			1116																		
7	DP-3 (1-2)			1311																		
8	DP-3 (8-9)			1321																		
9	DP-3 (12-13)			1328																		
10	DP-4 (0.5-1.5)		↓	1442	↓	↓	↓															

Normal Turn Around Time (TAT) = 10 Business Days | YES | NO

SPECIAL INSTRUCTIONS: Hold all samples. Will email list to analyze

TAT Requested (circle): 1 Day | 2 Day | 3 Day | 4 DAY | 5 DAY | Other: ____

SAMPLES ARE HELD FOR 30 DAYS

RELINQUISHED BY: | RECEIVED BY: | RELINQUISHED BY: | RECEIVED BY:

Signature: | Signature: | Signature: | Signature:

Printed Name: Kyle Hoggard | Printed Name: Blaine | Printed Name: | Printed Name:

Company: | Company: | Company: | Company:

Date: 5/13 | Time: 1523 | Date: 5/13/19 | Time: 1523 | Date: | Time: | Date: | Time:

Apex Laboratories

Philip Nerenberg

Philip Nerenberg, Lab Director

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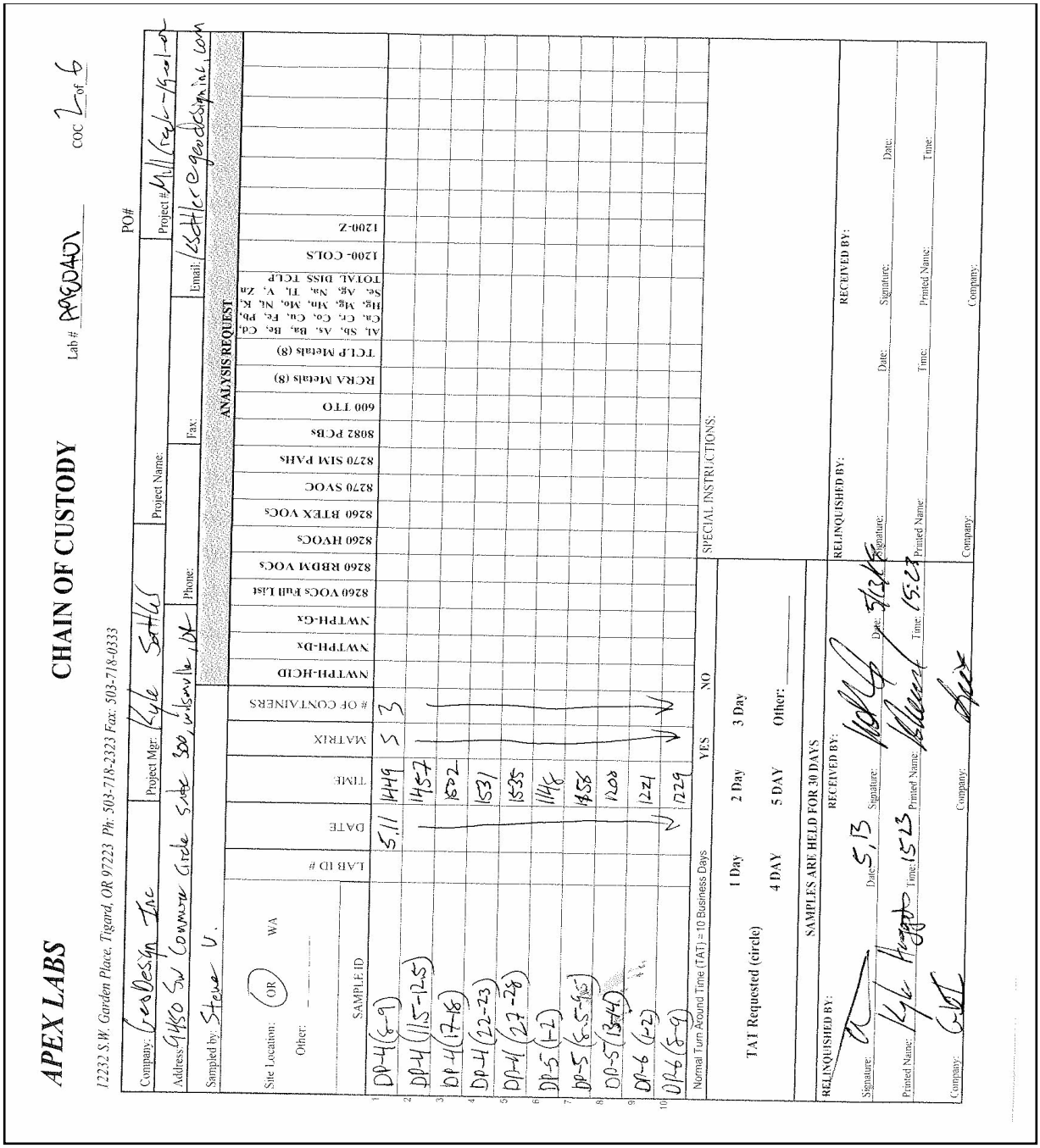
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**



APEX LABS

CHAIN OF CUSTODY

12232 S.W. Garden Place, Tigard, OR 97223 Ph: 503-718-2323 Fax: 503-718-0333

Lab # A9E0401 COC 1 of 1

PO#

Company: GeoDesign Inc | Project Mgr: Kyle Sattler | Project Name: | Project #: Millcreek-19-01-02

Address: 9450 SW Commerce Circle Suite 300 Wilsonville, OR | Phone: | Fax: | Email: ksattler@geodesigninc.com

Sampled by: Steven V.

Site Location: (OR) WA

Other: _____

ANALYSIS REQUEST

#	SAMPLE ID	LAB ID #	DATE	TIME	MATRIX	# OF CONTAINERS	NWTPH-HCID	NWTPH-Dx	NWTPH-Gx	8260 VOCs Full List	8260 RBDM VOCs	8260 HVOCs	8260 BTEX VOCs	8270 SVOC	8270 SIM PAHs	8082 PCBs	600 TTO	RCRA Metals (8)	TCLP Metals (8)	Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Hg, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Tl, V, Zn TOTAL DISS TCLP	1200- COLS	1200-Z
1	DP-4(8-9)		5/11	1449	S	3																
2	DP-4(11.5-12.5)			1457																		
3	DP-4(17-18)			1502																		
4	DP-4(22-23)			1531																		
5	DP-4(27-28)			1535																		
6	DP-5(1-2)			1146																		
7	DP-5(8.5-9.5)			1458																		
8	DP-5(13-14)			1208																		
9	DP-6(1-2)			1221																		
10	DP-6(8-9)			1229																		

Normal Turn Around Time (TAT) = 10 Business Days — YES / NO

SPECIAL INSTRUCTIONS:

TAT Requested (circle): 1 Day 2 Day 3 Day 4 DAY 5 DAY Other: _____

SAMPLES ARE HELD FOR 30 DAYS

RELINQUISHED BY: Signature: Date: 5,13 Printed Name: Time: 1523 Company:

RECEIVED BY: Signature: Date: Printed Name: Time: Company:

RELINQUISHED BY: Signature: Date: 5/13/19 Printed Name: Time: 15:23 Company:

RECEIVED BY: Signature: Date: Printed Name: Time: Company:

Apex Laboratories

Philip Nerenberg

Philip Nerenberg, Lab Director

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EPA ID: OR01039

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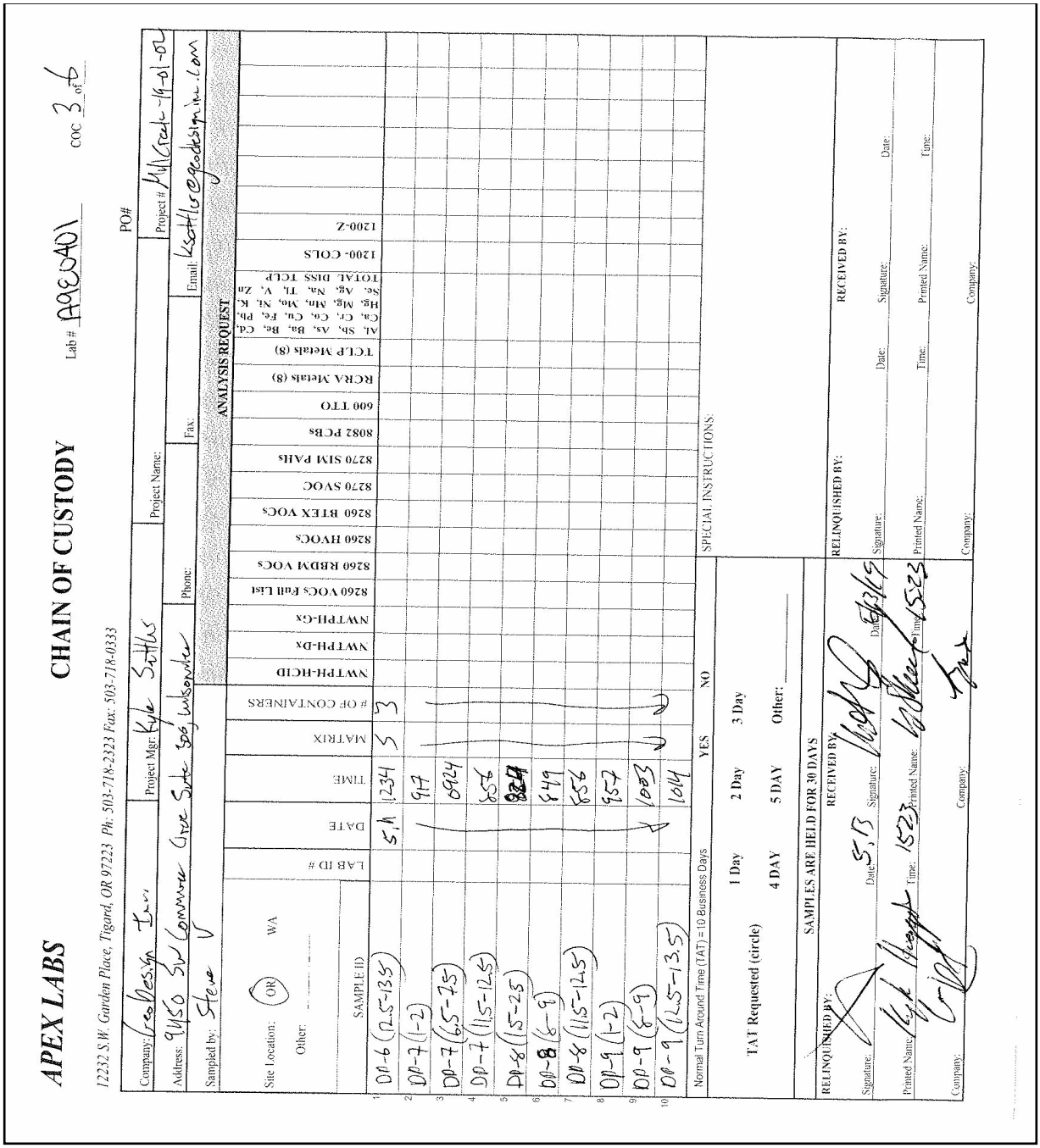
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**



APEX LABS — CHAIN OF CUSTODY

12232 S.W. Garden Place, Tigard, OR 97223 Ph. 503-718-2323 Fax: 503-718-0333

Lab # A9E0401 — COC 3 of 6 — PO# — Project # Millcreek-19-01-02

Company: GeoDesign Inc. — Project Mgr: Kyle Sattler — Project Name: — Phone: — Fax: — Email: ksattler@geodesigninc.com

Address: 9450 SW Commerce Circle Suite 200 Wilsonville — Sampled by: Steve V

Site Location: (OR) WA — Other: ____

#	SAMPLE ID	LAB ID #	DATE	TIME	MATRIX	# OF CONTAINERS
1	DD-6 (2.5-13.5)		5.14	1234	S	3
2	DD-7 (1-2)			917		
3	DD-7 (6.5-7.5)			0924		
4	DD-7 (11.5-12.5)			857		
5	DD-8 (1.5-2.5)			0944		
6	DD-8 (6-9)			949		
7	DD-8 (11.5-12.5)			954		
8	DD-9 (1-2)			957		
9	DD-9 (6-9)			1003		
10	DD-9 (12.5-13.5)			1014		

ANALYSIS REQUEST: NWTPH-HCID; NWTPH-Dx; NWTPH-Gx; 8260 VOCs Full List; 8260 RBDM VOCs; 8260 HVOCs; 8260 BTEX VOCs; 8270 SVOC; 8270 SIM PAHs; 8082 PCBs; 600 TTO; RCRA Metals (8); TCLP Metals (8); Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Hg, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Tl, V, Zn TOTAL DISS TCLP; 1200- COLS; 1200-Z

Normal Turn Around Time (TAT) = 10 Business Days — YES — NO

TAT Requested (circle): 1 Day 2 Day 3 Day 4 DAY 5 DAY Other: ____

SPECIAL INSTRUCTIONS:

SAMPLES ARE HELD FOR 30 DAYS

RELINQUISHED BY: Date 5.13 Time 1523 — RECEIVED BY: Signature: Printed Name: Company: Date: Time:

RELINQUISHED BY: Signature: Printed Name: Company: Date: Time:

RECEIVED BY: Signature: Printed Name: Company: Date: Time:

Apex Laboratories

Philip Nerenberg

Philip Nerenberg, Lab Director

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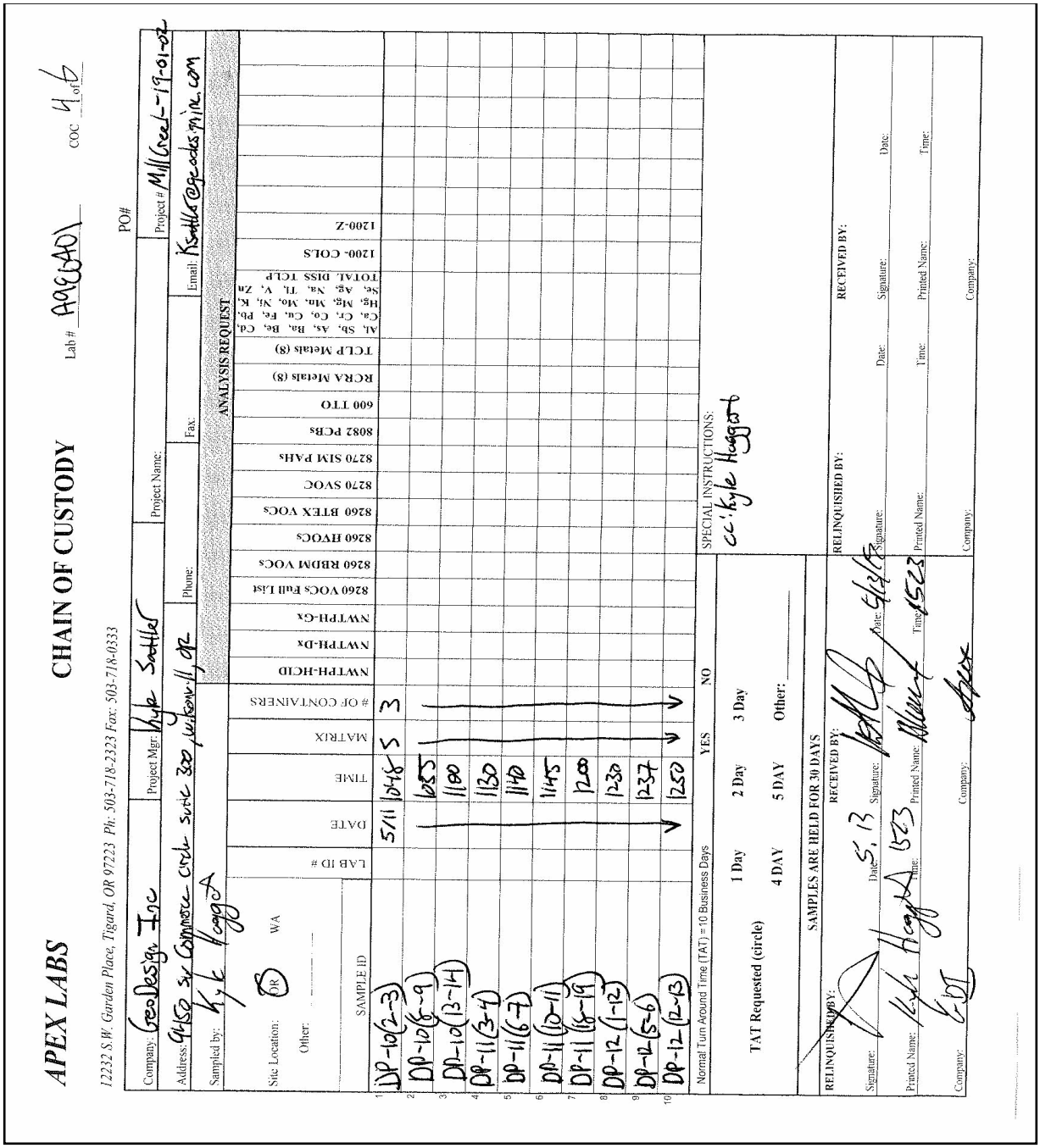
Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**



APEX LABS

CHAIN OF CUSTODY

Lab # A9E0401 COC 4 of 6

12232 S.W. Garden Place, Tigard, OR 97223 Ph: 503-718-2323 Fax: 503-718-0333

PO#

Company: GeoDesign, Inc | Project Mgr: Kyle Sattler | Project Name: | Project # Millcreek-19-01-02

Address: 9450 SW Commerce Circle Suite 320, Wilsonville, OR | Phone: | Fax: | Email: KSattler@geodesigninc.com

Sampled by: K. Hoggatt

Site Location: OR WA

Other:

#	SAMPLE ID	LAB ID #	DATE	TIME	MATRIX	# OF CONTAINERS	NWTPH-HCID	NWTPH-Dx	NWTPH-Gx	8260 VOCs Full List	8260 RBDM VOCs	8260 HVOCs	8260 BTEX VOCs	8270 SVOC	8270 SIM PAHs	8082 PCBs	8260 TTO	RCRA Metals (8)	TCLP Metals (8)	Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Hg, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Tl, V, Zn TOTAL DISS TCLP	1200-COLS	1200-Z
1	DP-10(2-3)		5/11	1046	S	3																
2	DP-10(6-9)			1055																		
3	DP-10(13-14)			1100																		
4	DP-11(3-4)			1130																		
5	DP-11(6-7)			1140																		
6	DP-11(10-11)			1145																		
7	DP-11(16-19)			1200																		
8	DP-12(1-2)			1230																		
9	DP-12(5-6)			1237																		
10	DP-12(12-13)		↓	1250	↓	↓																

Normal Turn Around Time (TAT) = 10 Business Days YES NO

TAT Requested (circle): 1 Day 2 Day 3 Day 4 DAY 5 DAY Other: _____

SPECIAL INSTRUCTIONS: cc: Kyle Hoggatt

SAMPLES ARE HELD FOR 30 DAYS

RELINQUISHED BY: Signature: Printed Name: Company: Date: 5/13 Time: 1523

RECEIVED BY: Signature: Printed Name: Company: Date: 5/14/19 Time: 1523

RELINQUISHED BY: Signature: Printed Name: Company: Date: Time:

RECEIVED BY: Signature: Printed Name: Company: Date: Time:

Apex Laboratories

Philip Nerenberg

Philip Nerenberg, Lab Director

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Apex Laboratories, LLC

6700 S.W. Sandburg Street
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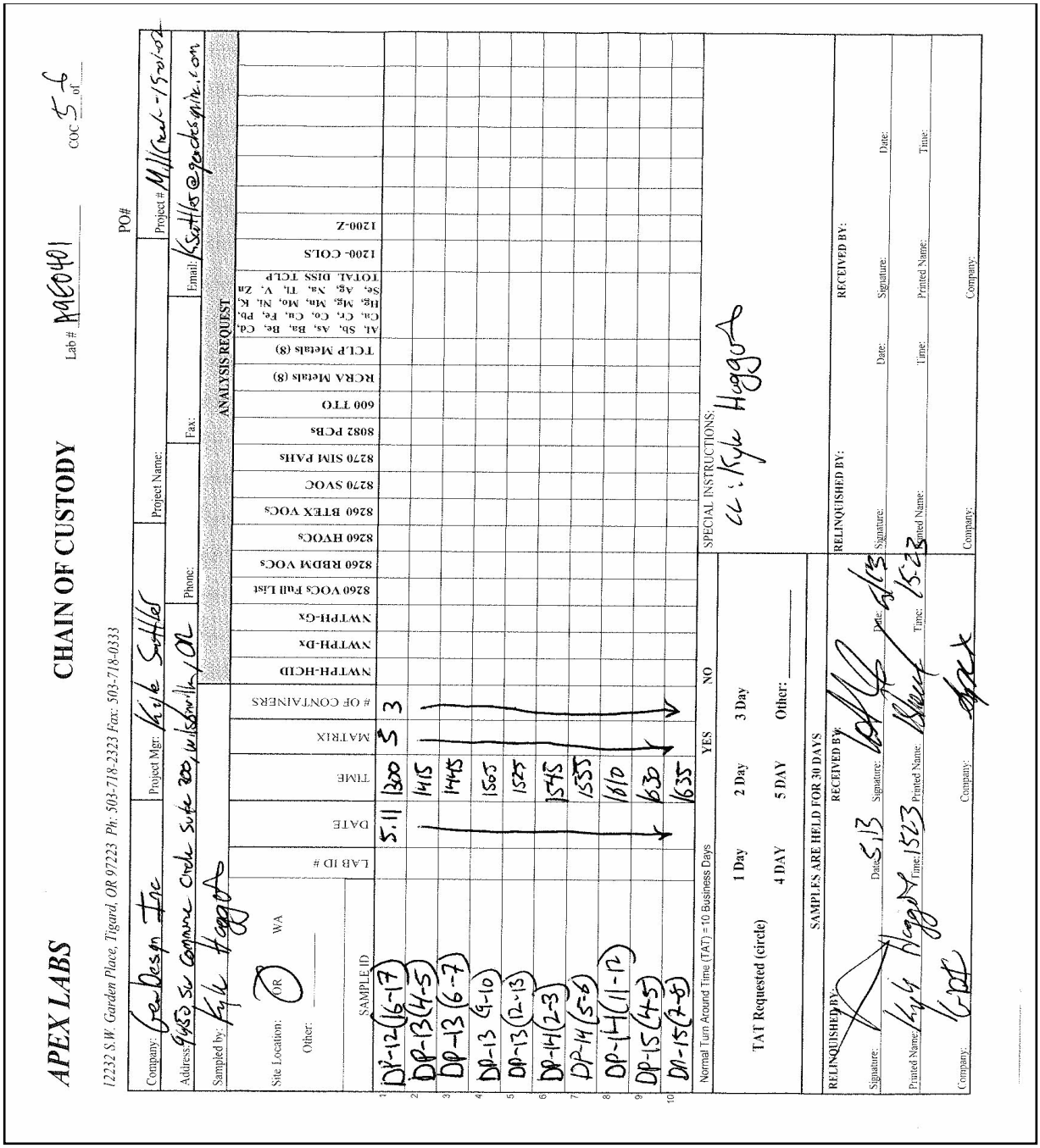
503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**



APEX LABS

CHAIN OF CUSTODY

Lab # A9E0401

COC 1 of 1

12232 S.W. Garden Place, Tigard, OR 97223 Ph: 503-718-2323 Fax: 503-718-0333

PO#

Company: GeoDesign Inc | Project Mgr: Kyle Sattler | Project Name: | Project # Millcreek-19-01-02

Address: 9450 SW Commerce Circle Suite 200, Wilsonville, OR | Phone: | Fax: | Email: KSattler@geodesigninc.com

Sampled by: Kyle Haggart

Site Location: OR WA

Other:

SAMPLE ID	LAB ID #	DATE	TIME	MATRIX	# OF CONTAINERS	NWTPH-HCID	NWTPH-Dx	NWTPH-Gx	8260 VOCs Full List	8260 RBDM VOCs	8260 HVOCs	8260 BTEX VOCs	8270 SVOC	8270 SIM PAHs	8082 PCBs	600 TTO	RCRA Metals (8)	TCLP Metals (8)	Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Li, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Tl, V, Zn TOTAL DISS TCLP	1200- COLS	1200-Z
1 DP-12 (16-17)		5.11	1300	S	3																
2 DP-13 (4-5)			1415																		
3 DP-13 (6-7)			1445																		
4 DP-13 (9-10)			1505																		
5 DP-13 (12-13)			1525																		
6 DP-14 (2-3)			1545																		
7 DP-14 (5-6)			1555																		
8 DP-14 (11-12)			1610																		
9 DP-15 (4-5)			630																		
10 DP-15 (7-8)			1635																		

Normal Turn Around Time (TAT) = 10 Business Days — YES / NO

TAT Requested (circle): 1 Day | 2 Day | 3 Day | 4 DAY | 5 DAY | Other: _____

SPECIAL INSTRUCTIONS: cc: Kyle Haggart

SAMPLES ARE HELD FOR 30 DAYS

RELINQUISHED BY: Signature: Kyle Haggart Printed Name: Kyle Haggart Company: Apex

RECEIVED BY: Date: 5/13 Signature: Time: 1523 Printed Name: Company:

RELINQUISHED BY: Signature: Date: Time: Printed Name: Company:

RECEIVED BY: Date: 5/13 Signature: Time: 15:23 Printed Name: Company:

RELINQUISHED BY: Signature: Date: Time: Printed Name: Company:

RECEIVED BY: Date: Signature: Time: Printed Name: Company:

Apex Laboratories

Philip Nerenberg

Philip Nerenberg, Lab Director

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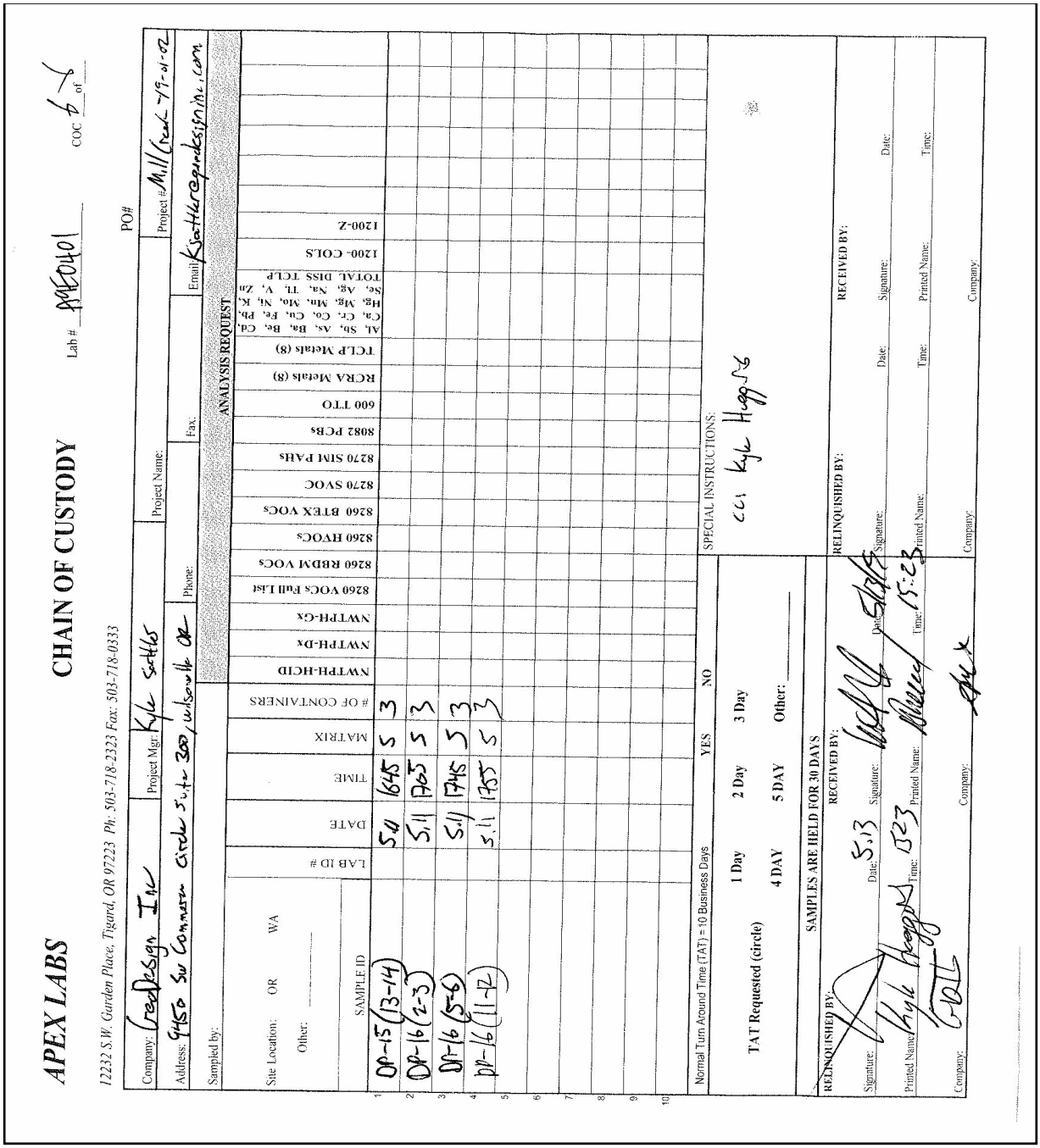
Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**



APEX LABS

CHAIN OF CUSTODY

12232 S.W. Garden Place, Tigard, OR 97223 Ph: 503-718-2323 Fax: 503-718-0333

Lab # A9E0401 COC 1 of 1 PO#

Company: GeoDesign Inc | Project Mgr: Kyle Sattler | Project Name: | Project #: Mill Creek -19-01-02

Address: 9450 SW Commerce Circle Suite 300 Wilsonville OR | Phone: | Fax: | Email: ksattler@geodesigninc.com

Sampled by:

Site Location: OR WA

Other: _____

#	SAMPLE ID	LAB ID #	DATE	TIME	MATRIX	# OF CONTAINERS
1	DP-15 (13-14)		5.9	1645	S	3
2	DP-16 (2-3)		5.11	1705	S	3
3	DP-16 (5-6)		5.11	1745	S	3
4	DP-16 (11-12)		5.11	1755	S	3
5						
6						
7						
8						
9						
10						

ANALYSIS REQUEST

NWTPH-HCID
NWTPH-Dx
NWTPH-Gx
8260 VOCs Full List
8260 RBDM VOCs
8260 HVOCs
8260 BTEX VOCs
8270 SVOC
8270 SIM PAHs
8082 PCBs
600 TTO
RCRA Metals (8)
TCLP Metals (8)
Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Hg, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Tl, V, Zn
TOTAL DISS TCLP
1200- COLS
1200-Z

Normal Turn Around Time (TAT) = 10 Business Days YES NO

TAT Requested (circle): 1 Day 2 Day 3 Day 4 DAY 5 DAY Other: _____

SPECIAL INSTRUCTIONS: cc: Kyle Hoggs

SAMPLES ARE HELD FOR 30 DAYS

RELINQUISHED BY: Signature: Printed Name: Company: Date: 5.13 Time: 1523

RECEIVED BY: Signature: Printed Name: Company: Date: 5/13 Time: 15:23

RELINQUISHED BY: Signature: Printed Name: Company: Date: Time:

RECEIVED BY: Signature: Printed Name: Company: Date: Time:

Apex Laboratories

Philip Nerenberg

Philip Nerenberg, Lab Director

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Apex Laboratories, LLC
6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0401 - 06 04 19 1033**

APEX LABS COOLER RECEIPT FORM

Client: GeoDesign Element WO#: A9 E0401

Project/Project #: Modera Morrison / # Mill Creek-19-01-02

Delivery Info:

Date/time received: 5/13/19 @ 1523 By: KRS

Delivered by: Apex___ Client X ESS___ FedEx___ UPS___ Swift___ Senvoy___ SDS___ Other___

Cooler Inspection Date/time inspected: 5/13/19 @ 1523 By: KRS

Chain of Custody included? Yes X No___ Custody seals? Yes___ No X

Signed/dated by client? Yes X No___

Signed/dated by Apex? Yes X No___

	Cooler #1	Cooler #2	Cooler #3	Cooler #4	Cooler #5	Cooler #6	Cooler #7
Temperature (°C)	3.1	5.4	1.8				
Received on ice? (Y/N)	Y	Y	Y				
Temp. blanks? (Y/N)	N	N	N				
Ice type: (Gel/Real/Other)	Real	Real	Real				
Condition:	Good	Good	Good				

Cooler out of temp? (Y/N) Possible reason why:

If some coolers are in temp and some out, were green dots applied to out of temperature samples? Yes/No/NA

Out of temperature samples form initiated? Yes/No/NA

Samples Inspection: Date/time inspected: 5/13/19 @ 1830 By: TAG

All samples intact? Yes X No___ Comments:

Bottle labels/COCs agree? Yes___ No X Comments: DP-5(13-14) no ID/T on MeOH VOAs, matched by process of elimination. DP-12(1-12) ID on Conts. read DP-12(1-2).

COC/container discrepancies form initiated? Yes___ No___ NA X

Containers/volumes received appropriate for analysis? Yes X No___ Comments: DP-5(13-14) lab to re-extract.

Do VOA vials have visible headspace? Yes___ No___ NA X

Comments

Water samples: pH checked: Yes___No___NA X pH appropriate? Yes___No___NA X

Comments:

Additional information: DP-7(11.5-12.5) T on Conts. read 0928.

Labeled by: MW Witness: Cooler Inspected by: TAG See Project Contact Form: Y

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
EPA ID: OR01039

Friday, May 31, 2019

Kyle Sattler
GeoDesign, Inc.
9450 SW Commerce Circle
Wilsonville, OR 97070

RE: A9E0515 - Modera Morrison - Millcreek-19-01-02

Thank you for using Apex Laboratories. We greatly appreciate your business and strive to provide the highest quality services to the environmental industry.

Enclosed are the results of analyses for work order A9E0515, which was received by the laboratory on 5/15/2019 at 5:43:00PM.

If you have any questions concerning this report or the services we offer, please feel free to contact me by email at: pnerenberg@apex-labs.com, or by phone at 503-718-2323.

Please note: All samples will be disposed of within 30 days of final reporting, unless prior arrangements have been made.

Cooler Receipt Information

(See Cooler Receipt Form for details)

Cooler #1 1.0 degC

This Final Report is the official version of the data results for this sample submission, unless superseded by a subsequent, labeled amended report.
All other deliverables derived from this data, including Electronic Data Deliverables (EDDs), CLP-like forms, client requested summary sheets, and all other products are considered secondary to this report.

Apex Laboratories

Philip Nerenberg

Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0515 - 05 31 19 1718**

ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
HA-1(2-2.5)	A9E0515-01	Soil	05/15/19 10:30	05/15/19 17:43
HA-1(12-12.5)	A9E0515-05	Soil	05/15/19 12:45	05/15/19 17:43
HA-1(15-15.5)	A9E0515-06	Soil	05/15/19 13:15	05/15/19 17:43
HA-2(2-2.5)	A9E0515-07	Soil	05/15/19 14:15	05/15/19 17:43

Apex Laboratories

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GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0515 - 05 31 19 1718**

ANALYTICAL SAMPLE RESULTS

Hydrocarbon Identification Screen by NWTPH-HCID

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
HA-1(15-15.5) (A9E0515-06)				**Matrix: Soil**		**Batch: 9051061**		
Gasoline Range Organics	ND	---	22.5	mg/kg dry	1	05/21/19	NWTPH-HCID	
Diesel Range Organics	ND	---	56.3	mg/kg dry	1	05/21/19	NWTPH-HCID	
Oil Range Organics	ND	---	113	mg/kg dry	1	05/21/19	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*90 %*	*Limits: 50-150 %*	*1*	*05/21/19*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*88 %*	*50-150 %*	*1*	*05/21/19*	*NWTPH-HCID*	

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GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0515 - 05 31 19 1718**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
HA-1(2-2.5) (A9E0515-01)				**Matrix: Soil**			**Batch: 9051092**	
Acetone	ND	---	1.34	mg/kg dry	50	05/21/19	5035A/8260C	
Acrylonitrile	ND	---	0.134	mg/kg dry	50	05/21/19	5035A/8260C	
Benzene	ND	---	0.0134	mg/kg dry	50	05/21/19	5035A/8260C	
Bromobenzene	ND	---	0.0334	mg/kg dry	50	05/21/19	5035A/8260C	
Bromochloromethane	ND	---	0.0669	mg/kg dry	50	05/21/19	5035A/8260C	
Bromodichloromethane	ND	---	0.134	mg/kg dry	50	05/21/19	5035A/8260C	
Bromoform	ND	---	0.268	mg/kg dry	50	05/21/19	5035A/8260C	
Bromomethane	ND	---	0.669	mg/kg dry	50	05/21/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.669	mg/kg dry	50	05/21/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0669	mg/kg dry	50	05/21/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0669	mg/kg dry	50	05/21/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0669	mg/kg dry	50	05/21/19	5035A/8260C	
Carbon disulfide	ND	---	0.669	mg/kg dry	50	05/21/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.134	mg/kg dry	50	05/21/19	5035A/8260C	
Chlorobenzene	ND	---	0.0334	mg/kg dry	50	05/21/19	5035A/8260C	
Chloroethane	ND	---	0.669	mg/kg dry	50	05/21/19	5035A/8260C	
Chloroform	ND	---	0.0669	mg/kg dry	50	05/21/19	5035A/8260C	
Chloromethane	ND	---	0.334	mg/kg dry	50	05/21/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0669	mg/kg dry	50	05/21/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0669	mg/kg dry	50	05/21/19	5035A/8260C	
Dibromochloromethane	ND	---	0.134	mg/kg dry	50	05/21/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.334	mg/kg dry	50	05/21/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0669	mg/kg dry	50	05/21/19	5035A/8260C	
Dibromomethane	ND	---	0.0669	mg/kg dry	50	05/21/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0334	mg/kg dry	50	05/21/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0334	mg/kg dry	50	05/21/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0334	mg/kg dry	50	05/21/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.134	mg/kg dry	50	05/21/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0334	mg/kg dry	50	05/21/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0334	mg/kg dry	50	05/21/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0334	mg/kg dry	50	05/21/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0334	mg/kg dry	50	05/21/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0334	mg/kg dry	50	05/21/19	5035A/8260C	

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0515 - 05 31 19 1718**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
HA-1(2-2.5) (A9E0515-01)				**Matrix: Soil**			**Batch: 9051092**	
1,2-Dichloropropane	ND	---	0.0334	mg/kg dry	50	05/21/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0669	mg/kg dry	50	05/21/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0669	mg/kg dry	50	05/21/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0669	mg/kg dry	50	05/21/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0669	mg/kg dry	50	05/21/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0669	mg/kg dry	50	05/21/19	5035A/8260C	
Ethylbenzene	ND	---	0.0334	mg/kg dry	50	05/21/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.134	mg/kg dry	50	05/21/19	5035A/8260C	
2-Hexanone	ND	---	0.669	mg/kg dry	50	05/21/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0669	mg/kg dry	50	05/21/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0669	mg/kg dry	50	05/21/19	5035A/8260C	
Methylene chloride	ND	---	0.334	mg/kg dry	50	05/21/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.669	mg/kg dry	50	05/21/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0669	mg/kg dry	50	05/21/19	5035A/8260C	
Naphthalene	ND	---	0.134	mg/kg dry	50	05/21/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0334	mg/kg dry	50	05/21/19	5035A/8260C	
Styrene	ND	---	0.0669	mg/kg dry	50	05/21/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.134	mg/kg dry	50	05/21/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0669	mg/kg dry	50	05/21/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0334	mg/kg dry	50	05/21/19	5035A/8260C	
Toluene	ND	---	0.0669	mg/kg dry	50	05/21/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.334	mg/kg dry	50	05/21/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.334	mg/kg dry	50	05/21/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0334	mg/kg dry	50	05/21/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0334	mg/kg dry	50	05/21/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0334	mg/kg dry	50	05/21/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.134	mg/kg dry	50	05/21/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0669	mg/kg dry	50	05/21/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0669	mg/kg dry	50	05/21/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0669	mg/kg dry	50	05/21/19	5035A/8260C	
Vinyl chloride	ND	---	0.0334	mg/kg dry	50	05/21/19	5035A/8260C	
m,p-Xylene	ND	---	0.0669	mg/kg dry	50	05/21/19	5035A/8260C	
o-Xylene	ND	---	0.0334	mg/kg dry	50	05/21/19	5035A/8260C	

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6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0515 - 05 31 19 1718**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
HA-1(2-2.5) (A9E0515-01)				**Matrix: Soil**		**Batch: 9051092**		
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*100 %*	*Limits: 80-120 %*	*1*	*05/21/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*98 %*	*80-120 %*	*1*	*05/21/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*105 %*	*80-120 %*	*1*	*05/21/19*	*5035A/8260C*	
HA-1(12-12.5) (A9E0515-05)				**Matrix: Soil**		**Batch: 9051092**		
Acetone	ND	---	1.37	mg/kg dry	50	05/21/19	5035A/8260C	
Acrylonitrile	ND	---	0.137	mg/kg dry	50	05/21/19	5035A/8260C	
Benzene	ND	---	0.0137	mg/kg dry	50	05/21/19	5035A/8260C	
Bromobenzene	ND	---	0.0343	mg/kg dry	50	05/21/19	5035A/8260C	
Bromochloromethane	ND	---	0.0687	mg/kg dry	50	05/21/19	5035A/8260C	
Bromodichloromethane	ND	---	0.137	mg/kg dry	50	05/21/19	5035A/8260C	
Bromoform	ND	---	0.275	mg/kg dry	50	05/21/19	5035A/8260C	
Bromomethane	ND	---	0.687	mg/kg dry	50	05/21/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.687	mg/kg dry	50	05/21/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0687	mg/kg dry	50	05/21/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0687	mg/kg dry	50	05/21/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0687	mg/kg dry	50	05/21/19	5035A/8260C	
Carbon disulfide	ND	---	0.687	mg/kg dry	50	05/21/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.137	mg/kg dry	50	05/21/19	5035A/8260C	
Chlorobenzene	ND	---	0.0343	mg/kg dry	50	05/21/19	5035A/8260C	
Chloroethane	ND	---	0.687	mg/kg dry	50	05/21/19	5035A/8260C	
Chloroform	ND	---	0.0687	mg/kg dry	50	05/21/19	5035A/8260C	
Chloromethane	ND	---	0.343	mg/kg dry	50	05/21/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0687	mg/kg dry	50	05/21/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0687	mg/kg dry	50	05/21/19	5035A/8260C	
Dibromochloromethane	ND	---	0.137	mg/kg dry	50	05/21/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.343	mg/kg dry	50	05/21/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0687	mg/kg dry	50	05/21/19	5035A/8260C	
Dibromomethane	ND	---	0.0687	mg/kg dry	50	05/21/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0343	mg/kg dry	50	05/21/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0343	mg/kg dry	50	05/21/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0343	mg/kg dry	50	05/21/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.137	mg/kg dry	50	05/21/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0343	mg/kg dry	50	05/21/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0515 - 05 31 19 1718**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
HA-1(12-12.5) (A9E0515-05)				**Matrix: Soil**			**Batch: 9051092**	
1,2-Dichloroethane (EDC)	ND	---	0.0343	mg/kg dry	50	05/21/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0343	mg/kg dry	50	05/21/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0343	mg/kg dry	50	05/21/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0343	mg/kg dry	50	05/21/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0343	mg/kg dry	50	05/21/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0687	mg/kg dry	50	05/21/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0687	mg/kg dry	50	05/21/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0687	mg/kg dry	50	05/21/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0687	mg/kg dry	50	05/21/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0687	mg/kg dry	50	05/21/19	5035A/8260C	
Ethylbenzene	ND	---	0.0343	mg/kg dry	50	05/21/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.137	mg/kg dry	50	05/21/19	5035A/8260C	
2-Hexanone	ND	---	0.687	mg/kg dry	50	05/21/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0687	mg/kg dry	50	05/21/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0687	mg/kg dry	50	05/21/19	5035A/8260C	
Methylene chloride	ND	---	0.343	mg/kg dry	50	05/21/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.687	mg/kg dry	50	05/21/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0687	mg/kg dry	50	05/21/19	5035A/8260C	
Naphthalene	ND	---	0.137	mg/kg dry	50	05/21/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0343	mg/kg dry	50	05/21/19	5035A/8260C	
Styrene	ND	---	0.0687	mg/kg dry	50	05/21/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.137	mg/kg dry	50	05/21/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0687	mg/kg dry	50	05/21/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0343	mg/kg dry	50	05/21/19	5035A/8260C	
Toluene	ND	---	0.0687	mg/kg dry	50	05/21/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.343	mg/kg dry	50	05/21/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.343	mg/kg dry	50	05/21/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0343	mg/kg dry	50	05/21/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0343	mg/kg dry	50	05/21/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0343	mg/kg dry	50	05/21/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.137	mg/kg dry	50	05/21/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0687	mg/kg dry	50	05/21/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0687	mg/kg dry	50	05/21/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0515 - 05 31 19 1718**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
HA-1(12-12.5) (A9E0515-05)				**Matrix: Soil**			**Batch: 9051092**	
1,3,5-Trimethylbenzene	ND	---	0.0687	mg/kg dry	50	05/21/19	5035A/8260C	
Vinyl chloride	ND	---	0.0343	mg/kg dry	50	05/21/19	5035A/8260C	
m,p-Xylene	ND	---	0.0687	mg/kg dry	50	05/21/19	5035A/8260C	
o-Xylene	ND	---	0.0343	mg/kg dry	50	05/21/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*101 %*	*Limits: 80-120 %*	*1*	*05/21/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*99 %*	*80-120 %*	*1*	*05/21/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*105 %*	*80-120 %*	*1*	*05/21/19*	*5035A/8260C*	
HA-1(15-15.5) (A9E0515-06)				**Matrix: Soil**			**Batch: 9051092**	
Acetone	ND	---	1.37	mg/kg dry	50	05/21/19	5035A/8260C	
Acrylonitrile	ND	---	0.137	mg/kg dry	50	05/21/19	5035A/8260C	
Benzene	ND	---	0.0137	mg/kg dry	50	05/21/19	5035A/8260C	
Bromobenzene	ND	---	0.0341	mg/kg dry	50	05/21/19	5035A/8260C	
Bromochloromethane	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
Bromodichloromethane	ND	---	0.137	mg/kg dry	50	05/21/19	5035A/8260C	
Bromoform	ND	---	0.273	mg/kg dry	50	05/21/19	5035A/8260C	
Bromomethane	ND	---	0.683	mg/kg dry	50	05/21/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.683	mg/kg dry	50	05/21/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
Carbon disulfide	ND	---	0.683	mg/kg dry	50	05/21/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.137	mg/kg dry	50	05/21/19	5035A/8260C	
Chlorobenzene	ND	---	0.0341	mg/kg dry	50	05/21/19	5035A/8260C	
Chloroethane	ND	---	0.683	mg/kg dry	50	05/21/19	5035A/8260C	
Chloroform	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
Chloromethane	ND	---	0.341	mg/kg dry	50	05/21/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
Dibromochloromethane	ND	---	0.137	mg/kg dry	50	05/21/19	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.341	mg/kg dry	50	05/21/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
Dibromomethane	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0341	mg/kg dry	50	05/21/19	5035A/8260C	

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0515 - 05 31 19 1718**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
HA-1(15-15.5) (A9E0515-06)				**Matrix: Soil**			**Batch: 9051092**	
1,3-Dichlorobenzene	ND	---	0.0341	mg/kg dry	50	05/21/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0341	mg/kg dry	50	05/21/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.137	mg/kg dry	50	05/21/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0341	mg/kg dry	50	05/21/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0341	mg/kg dry	50	05/21/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0341	mg/kg dry	50	05/21/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0341	mg/kg dry	50	05/21/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0341	mg/kg dry	50	05/21/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0341	mg/kg dry	50	05/21/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
Ethylbenzene	ND	---	0.0341	mg/kg dry	50	05/21/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.137	mg/kg dry	50	05/21/19	5035A/8260C	
2-Hexanone	ND	---	0.683	mg/kg dry	50	05/21/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
Methylene chloride	ND	---	0.341	mg/kg dry	50	05/21/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.683	mg/kg dry	50	05/21/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
Naphthalene	ND	---	0.137	mg/kg dry	50	05/21/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0341	mg/kg dry	50	05/21/19	5035A/8260C	
Styrene	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.137	mg/kg dry	50	05/21/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0341	mg/kg dry	50	05/21/19	5035A/8260C	
Toluene	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.341	mg/kg dry	50	05/21/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.341	mg/kg dry	50	05/21/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0341	mg/kg dry	50	05/21/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0341	mg/kg dry	50	05/21/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0515 - 05 31 19 1718**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
HA-1(15-15.5) (A9E0515-06)				**Matrix: Soil**			**Batch: 9051092**	
Trichloroethene (TCE)	ND	---	0.0341	mg/kg dry	50	05/21/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.137	mg/kg dry	50	05/21/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
Vinyl chloride	ND	---	0.0341	mg/kg dry	50	05/21/19	5035A/8260C	
m,p-Xylene	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
o-Xylene	ND	---	0.0341	mg/kg dry	50	05/21/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*100 %*	*Limits: 80-120 %*	*1*	*05/21/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*99 %*	*80-120 %*	*1*	*05/21/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*105 %*	*80-120 %*	*1*	*05/21/19*	*5035A/8260C*	
HA-2(2-2.5) (A9E0515-07)				**Matrix: Soil**			**Batch: 9051092**	
Acetone	ND	---	1.37	mg/kg dry	50	05/21/19	5035A/8260C	
Acrylonitrile	ND	---	0.137	mg/kg dry	50	05/21/19	5035A/8260C	
Benzene	ND	---	0.0137	mg/kg dry	50	05/21/19	5035A/8260C	
Bromobenzene	ND	---	0.0342	mg/kg dry	50	05/21/19	5035A/8260C	
Bromochloromethane	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
Bromodichloromethane	ND	---	0.137	mg/kg dry	50	05/21/19	5035A/8260C	
Bromoform	ND	---	0.273	mg/kg dry	50	05/21/19	5035A/8260C	
Bromomethane	ND	---	0.683	mg/kg dry	50	05/21/19	5035A/8260C	
2-Butanone (MEK)	ND	---	0.683	mg/kg dry	50	05/21/19	5035A/8260C	
n-Butylbenzene	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
sec-Butylbenzene	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
tert-Butylbenzene	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
Carbon disulfide	ND	---	0.683	mg/kg dry	50	05/21/19	5035A/8260C	
Carbon tetrachloride	ND	---	0.137	mg/kg dry	50	05/21/19	5035A/8260C	
Chlorobenzene	ND	---	0.0342	mg/kg dry	50	05/21/19	5035A/8260C	
Chloroethane	ND	---	0.683	mg/kg dry	50	05/21/19	5035A/8260C	
Chloroform	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
Chloromethane	ND	---	0.342	mg/kg dry	50	05/21/19	5035A/8260C	
2-Chlorotoluene	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
4-Chlorotoluene	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
Dibromochloromethane	ND	---	0.137	mg/kg dry	50	05/21/19	5035A/8260C	

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Philip Nerenberg, Lab Director

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0515 - 05 31 19 1718**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
HA-2(2-2.5) (A9E0515-07)				**Matrix: Soil**			**Batch: 9051092**	
1,2-Dibromo-3-chloropropane	ND	---	0.342	mg/kg dry	50	05/21/19	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
Dibromomethane	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0342	mg/kg dry	50	05/21/19	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0342	mg/kg dry	50	05/21/19	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0342	mg/kg dry	50	05/21/19	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.137	mg/kg dry	50	05/21/19	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0342	mg/kg dry	50	05/21/19	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0342	mg/kg dry	50	05/21/19	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0342	mg/kg dry	50	05/21/19	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0342	mg/kg dry	50	05/21/19	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0342	mg/kg dry	50	05/21/19	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0342	mg/kg dry	50	05/21/19	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
Ethylbenzene	ND	---	0.0342	mg/kg dry	50	05/21/19	5035A/8260C	
Hexachlorobutadiene	ND	---	0.137	mg/kg dry	50	05/21/19	5035A/8260C	
2-Hexanone	ND	---	0.683	mg/kg dry	50	05/21/19	5035A/8260C	
Isopropylbenzene	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
Methylene chloride	ND	---	0.342	mg/kg dry	50	05/21/19	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.683	mg/kg dry	50	05/21/19	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
Naphthalene	ND	---	0.137	mg/kg dry	50	05/21/19	5035A/8260C	
n-Propylbenzene	ND	---	0.0342	mg/kg dry	50	05/21/19	5035A/8260C	
Styrene	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.137	mg/kg dry	50	05/21/19	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0342	mg/kg dry	50	05/21/19	5035A/8260C	
Toluene	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	

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6700 S.W. Sandburg Street
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503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0515 - 05 31 19 1718**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
HA-2(2-2.5) (A9E0515-07)				**Matrix: Soil**			**Batch: 9051092**	
1,2,3-Trichlorobenzene	ND	---	0.342	mg/kg dry	50	05/21/19	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.342	mg/kg dry	50	05/21/19	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0342	mg/kg dry	50	05/21/19	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0342	mg/kg dry	50	05/21/19	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0342	mg/kg dry	50	05/21/19	5035A/8260C	
Trichlorofluoromethane	ND	---	0.137	mg/kg dry	50	05/21/19	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
Vinyl chloride	ND	---	0.0342	mg/kg dry	50	05/21/19	5035A/8260C	
m,p-Xylene	ND	---	0.0683	mg/kg dry	50	05/21/19	5035A/8260C	
o-Xylene	ND	---	0.0342	mg/kg dry	50	05/21/19	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*102 %*	*Limits: 80-120 %*	*1*	*05/21/19*	*5035A/8260C*	
Toluene-d8 (Surr)			*96 %*	*80-120 %*	*1*	*05/21/19*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*106 %*	*80-120 %*	*1*	*05/21/19*	*5035A/8260C*	

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0515 - 05 31 19 1718**

ANALYTICAL SAMPLE RESULTS

Polychlorinated Biphenyls by EPA 8082A

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
HA-1(2-2.5) (A9E0515-01)				**Matrix: Soil**			**Batch: 9051199**	**C-07**
Aroclor 1016	ND	---	0.0117	mg/kg dry	1	05/23/19	EPA 8082A	
Aroclor 1221	ND	---	0.0117	mg/kg dry	1	05/23/19	EPA 8082A	
Aroclor 1232	ND	---	0.0117	mg/kg dry	1	05/23/19	EPA 8082A	
Aroclor 1242	ND	---	0.0117	mg/kg dry	1	05/23/19	EPA 8082A	
Aroclor 1248	ND	---	0.0117	mg/kg dry	1	05/23/19	EPA 8082A	
Aroclor 1254	ND	---	0.0117	mg/kg dry	1	05/23/19	EPA 8082A	
Aroclor 1260	ND	---	0.0117	mg/kg dry	1	05/23/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 85 %*		*Limits: 60-125 %*	*1*	*05/23/19*	*EPA 8082A*	
HA-1(12-12.5) (A9E0515-05)				**Matrix: Soil**			**Batch: 9051199**	**C-07**
Aroclor 1016	ND	---	0.0124	mg/kg dry	1	05/23/19	EPA 8082A	
Aroclor 1221	ND	---	0.0124	mg/kg dry	1	05/23/19	EPA 8082A	
Aroclor 1232	ND	---	0.0124	mg/kg dry	1	05/23/19	EPA 8082A	
Aroclor 1242	ND	---	0.0124	mg/kg dry	1	05/23/19	EPA 8082A	
Aroclor 1248	ND	---	0.0124	mg/kg dry	1	05/23/19	EPA 8082A	
Aroclor 1254	ND	---	0.0124	mg/kg dry	1	05/23/19	EPA 8082A	
Aroclor 1260	ND	---	0.0124	mg/kg dry	1	05/23/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 86 %*		*Limits: 60-125 %*	*1*	*05/23/19*	*EPA 8082A*	
HA-1(15-15.5) (A9E0515-06)				**Matrix: Soil**			**Batch: 9051199**	**C-07**
Aroclor 1016	ND	---	0.0118	mg/kg dry	1	05/23/19	EPA 8082A	
Aroclor 1221	ND	---	0.0118	mg/kg dry	1	05/23/19	EPA 8082A	
Aroclor 1232	ND	---	0.0118	mg/kg dry	1	05/23/19	EPA 8082A	
Aroclor 1242	ND	---	0.0118	mg/kg dry	1	05/23/19	EPA 8082A	
Aroclor 1248	ND	---	0.0118	mg/kg dry	1	05/23/19	EPA 8082A	
Aroclor 1254	ND	---	0.0118	mg/kg dry	1	05/23/19	EPA 8082A	
Aroclor 1260	ND	---	0.0118	mg/kg dry	1	05/23/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 86 %*		*Limits: 60-125 %*	*1*	*05/23/19*	*EPA 8082A*	
HA-2(2-2.5) (A9E0515-07)				**Matrix: Soil**			**Batch: 9051199**	**C-07**
Aroclor 1016	ND	---	0.0113	mg/kg dry	1	05/23/19	EPA 8082A	
Aroclor 1221	ND	---	0.0113	mg/kg dry	1	05/23/19	EPA 8082A	
Aroclor 1232	ND	---	0.0113	mg/kg dry	1	05/23/19	EPA 8082A	

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GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0515 - 05 31 19 1718**

ANALYTICAL SAMPLE RESULTS

Polychlorinated Biphenyls by EPA 8082A

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
HA-2(2-2.5) (A9E0515-07)				**Matrix: Soil**			**Batch: 9051199**	**C-07**
Aroclor 1242	ND	---	0.0113	mg/kg dry	1	05/23/19	EPA 8082A	
Aroclor 1248	ND	---	0.0113	mg/kg dry	1	05/23/19	EPA 8082A	
Aroclor 1254	ND	---	0.0113	mg/kg dry	1	05/23/19	EPA 8082A	
Aroclor 1260	ND	---	0.0113	mg/kg dry	1	05/23/19	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 84 %*		*Limits: 60-125 %*	*1*	*05/23/19*	*EPA 8082A*	

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ANALYTICAL SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
HA-1(2-2.5) (A9E0515-01)				**Matrix: Soil**		**Batch: 9051116**		
Acenaphthene	ND	---	0.0101	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.0101	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.0101	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.0101	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.0101	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	**0.0109**	---	0.0101	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	**M-05**
Benzo(k)fluoranthene	ND	---	0.0101	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.0101	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.0101	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.0101	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.0101	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.0101	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.0101	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.0101	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.0101	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.0101	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.0101	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.0101	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Pyrene	**0.0120**	---	0.0101	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*65 %*	*Limits:* *44-120 %*	*1*	*05/22/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*66 %*	*54-127 %*	*1*	*05/22/19*	*EPA 8270D (SIM)*	
HA-1(12-12.5) (A9E0515-05)				**Matrix: Soil**		**Batch: 9051116**		
Acenaphthene	ND	---	0.0118	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.0118	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.0118	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.0118	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.0118	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.0118	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.0118	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.0118	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.0118	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.0118	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0515 - 05 31 19 1718**

ANALYTICAL SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
HA-1(12-12.5) (A9E0515-05)				**Matrix: Soil**			**Batch: 9051116**	
Dibenzofuran	ND	---	0.0118	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.0118	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.0118	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.0118	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.0118	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.0118	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.0118	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.0118	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.0118	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*69 %*	*Limits: 44-120 %*	*1*	*05/22/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*70 %*	*54-127 %*	*1*	*05/22/19*	*EPA 8270D (SIM)*	
HA-1(15-15.5) (A9E0515-06)				**Matrix: Soil**			**Batch: 9051116**	
Acenaphthene	ND	---	0.0103	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.0103	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.0103	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.0103	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.0103	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.0103	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.0103	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.0103	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.0103	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.0103	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.0103	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.0103	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.0103	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.0103	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.0103	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.0103	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.0103	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.0103	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.0103	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*76 %*	*Limits: 44-120 %*	*1*	*05/22/19*	*EPA 8270D (SIM)*	

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0515 - 05 31 19 1718**

ANALYTICAL SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
HA-1(15-15.5) (A9E0515-06)				**Matrix: Soil**			**Batch: 9051116**	
Surrogate: p-Terphenyl-d14 (Surr)			*Recovery: 70 %*	*Limits: 54-127 %*	*1*	*05/22/19*	*EPA 8270D (SIM)*	
HA-2(2-2.5) (A9E0515-07)				**Matrix: Soil**			**Batch: 9051116**	
Acenaphthene	ND	---	0.0110	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.0110	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Anthracene	ND	---	0.0110	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.0110	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.0110	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.0110	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.0110	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.0110	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Chrysene	ND	---	0.0110	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.0110	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.0110	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.0110	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Fluorene	ND	---	0.0110	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.0110	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.0110	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.0110	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Naphthalene	ND	---	0.0110	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.0110	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Pyrene	ND	---	0.0110	mg/kg dry	1	05/22/19	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)			*Recovery: 57 %*	*Limits: 44-120 %*	*1*	*05/22/19*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*66 %*	*54-127 %*	*1*	*05/22/19*	*EPA 8270D (SIM)*	

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503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0515 - 05 31 19 1718**

ANALYTICAL SAMPLE RESULTS

Total Metals by EPA 6020A (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
HA-1(2-2.5) (A9E0515-01)				**Matrix: Soil**				
Batch: 9051247								
Barium	**121**	---	1.25	mg/kg dry	10	05/24/19	EPA 6020A	
Cadmium	**0.318**	---	0.251	mg/kg dry	10	05/24/19	EPA 6020A	
Lead	**21.7**	---	0.251	mg/kg dry	10	05/24/19	EPA 6020A	
Mercury	ND	---	0.100	mg/kg dry	10	05/24/19	EPA 6020A	
Selenium	ND	---	1.25	mg/kg dry	10	05/24/19	EPA 6020A	
Silver	ND	---	0.251	mg/kg dry	10	05/24/19	EPA 6020A	
HA-1(2-2.5) (A9E0515-01RE1)				**Matrix: Soil**				
Batch: 9051247								
Arsenic	**10.3**	---	1.25	mg/kg dry	10	05/28/19	EPA 6020A	
Chromium	**22.5**	---	1.25	mg/kg dry	10	05/28/19	EPA 6020A	
HA-1(12-12.5) (A9E0515-05)				**Matrix: Soil**				
Batch: 9051247								
Barium	**200**	---	1.27	mg/kg dry	10	05/24/19	EPA 6020A	
Cadmium	**0.521**	---	0.254	mg/kg dry	10	05/24/19	EPA 6020A	
Lead	**11.1**	---	0.254	mg/kg dry	10	05/24/19	EPA 6020A	
Mercury	ND	---	0.101	mg/kg dry	10	05/24/19	EPA 6020A	
Selenium	ND	---	1.27	mg/kg dry	10	05/24/19	EPA 6020A	
Silver	ND	---	0.254	mg/kg dry	10	05/24/19	EPA 6020A	
HA-1(12-12.5) (A9E0515-05RE1)				**Matrix: Soil**				
Batch: 9051247								
Arsenic	**8.87**	---	1.27	mg/kg dry	10	05/28/19	EPA 6020A	
Chromium	**26.8**	---	1.27	mg/kg dry	10	05/28/19	EPA 6020A	
HA-1(15-15.5) (A9E0515-06)				**Matrix: Soil**				
Batch: 9051247								
Barium	**153**	---	1.31	mg/kg dry	10	05/24/19	EPA 6020A	
Cadmium	**0.612**	---	0.263	mg/kg dry	10	05/24/19	EPA 6020A	
Lead	**9.54**	---	0.263	mg/kg dry	10	05/24/19	EPA 6020A	
Mercury	ND	---	0.105	mg/kg dry	10	05/24/19	EPA 6020A	
Selenium	ND	---	1.31	mg/kg dry	10	05/24/19	EPA 6020A	
Silver	ND	---	0.263	mg/kg dry	10	05/24/19	EPA 6020A	

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Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0515 - 05 31 19 1718**

ANALYTICAL SAMPLE RESULTS

Total Metals by EPA 6020A (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
HA-1(15-15.5) (A9E0515-06RE1)				**Matrix: Soil**				
Batch: 9051247								
Arsenic	**6.21**	---	1.31	mg/kg dry	10	05/28/19	EPA 6020A	
Chromium	**17.3**	---	1.31	mg/kg dry	10	05/28/19	EPA 6020A	
HA-2(2-2.5) (A9E0515-07)				**Matrix: Soil**				
Batch: 9051247								
Barium	**144**	---	1.26	mg/kg dry	10	05/24/19	EPA 6020A	
Cadmium	**0.628**	---	0.251	mg/kg dry	10	05/24/19	EPA 6020A	
Lead	**8.06**	---	0.251	mg/kg dry	10	05/24/19	EPA 6020A	
Mercury	ND	---	0.100	mg/kg dry	10	05/24/19	EPA 6020A	
Selenium	ND	---	1.26	mg/kg dry	10	05/24/19	EPA 6020A	
Silver	ND	---	0.251	mg/kg dry	10	05/24/19	EPA 6020A	
HA-2(2-2.5) (A9E0515-07RE1)				**Matrix: Soil**				
Batch: 9051247								
Arsenic	**4.32**	---	1.26	mg/kg dry	10	05/28/19	EPA 6020A	
Chromium	**11.9**	---	1.26	mg/kg dry	10	05/28/19	EPA 6020A	

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GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0515 - 05 31 19 1718**

ANALYTICAL SAMPLE RESULTS

Percent Dry Weight

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
HA-1(2-2.5) (A9E0515-01)				**Matrix: Soil**			**Batch: 9051028**	
% Solids	**84.2**	---	1.00	% by Weight	1	05/21/19	EPA 8000C	
HA-1(12-12.5) (A9E0515-05)				**Matrix: Soil**			**Batch: 9051028**	
% Solids	**80.5**	---	1.00	% by Weight	1	05/21/19	EPA 8000C	
HA-1(15-15.5) (A9E0515-06)				**Matrix: Soil**			**Batch: 9051028**	
% Solids	**83.8**	---	1.00	% by Weight	1	05/21/19	EPA 8000C	
HA-2(2-2.5) (A9E0515-07)				**Matrix: Soil**			**Batch: 9051028**	
% Solids	**86.5**	---	1.00	% by Weight	1	05/21/19	EPA 8000C	

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0515 - 05 31 19 1718**

QUALITY CONTROL (QC) SAMPLE RESULTS

Hydrocarbon Identification Screen by NWTPH-HCID

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051061 - NWTPH-HCID (Soil)							Soil					
Blank (9051061-BLK1)			Prepared: 05/20/19 14:50 Analyzed: 05/21/19 00:07									
NWTPH-HCID												
Gasoline Range Organics	ND	---	18.2	mg/kg wet	1	---	---	---	---	---	---	
Diesel Range Organics	ND	---	45.5	mg/kg wet	1	---	---	---	---	---	---	
Oil Range Organics	ND	---	90.9	mg/kg wet	1	---	---	---	---	---	---	
Surr: o-Terphenyl (Surr)		*Recovery:*	*100 %*	*Limits:*	*50-150 %*		*Dilution:*	*1x*				
4-Bromofluorobenzene (Surr)			*98 %*		*50-150 %*			*"*				
Duplicate (9051061-DUP1)			Prepared: 05/20/19 14:50 Analyzed: 05/21/19 00:52									
QC Source Sample: HA-1(15-15.5) (A9E0515-06)												
NWTPH-HCID												
Gasoline Range Organics	ND	---	22.6	mg/kg dry	1	---	ND	---	---	---	30%	
Diesel Range Organics	ND	---	56.6	mg/kg dry	1	---	ND	---	---	---	30%	
Oil Range Organics	ND	---	113	mg/kg dry	1	---	ND	---	---	---	30%	
Surr: o-Terphenyl (Surr)		*Recovery:*	*89 %*	*Limits:*	*50-150 %*		*Dilution:*	*1x*				
4-Bromofluorobenzene (Surr)			*87 %*		*50-150 %*			*"*				

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0515 - 05 31 19 1718**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051092 - EPA 5035A							Soil					
Blank (9051092-BLK1)			Prepared: 05/21/19 11:00 Analyzed: 05/21/19 12:43									
5035A/8260C												
Acetone	ND	---	0.667	mg/kg wet	50	---	---	---	---	---	---	
Acrylonitrile	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
Benzene	ND	---	0.00667	mg/kg wet	50	---	---	---	---	---	---	
Bromobenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Bromochloromethane	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Bromodichloromethane	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
Bromoform	ND	---	0.133	mg/kg wet	50	---	---	---	---	---	---	
Bromomethane	ND	---	0.333	mg/kg wet	50	---	---	---	---	---	---	
2-Butanone (MEK)	ND	---	0.333	mg/kg wet	50	---	---	---	---	---	---	
n-Butylbenzene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
sec-Butylbenzene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
tert-Butylbenzene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Carbon disulfide	ND	---	0.333	mg/kg wet	50	---	---	---	---	---	---	
Carbon tetrachloride	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
Chlorobenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Chloroethane	ND	---	0.333	mg/kg wet	50	---	---	---	---	---	---	
Chloroform	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Chloromethane	ND	---	0.167	mg/kg wet	50	---	---	---	---	---	---	
2-Chlorotoluene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
4-Chlorotoluene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Dibromochloromethane	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
1,2-Dibromo-3-chloropropane	ND	---	0.167	mg/kg wet	50	---	---	---	---	---	---	
1,2-Dibromoethane (EDB)	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Dibromomethane	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
1,2-Dichlorobenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
1,3-Dichlorobenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
1,4-Dichlorobenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Dichlorodifluoromethane	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
1,1-Dichloroethane	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
1,2-Dichloroethane (EDC)	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
1,1-Dichloroethene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
cis-1,2-Dichloroethene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
trans-1,2-Dichloroethene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	A9E0515 - 05 31 19 1718

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051092 - EPA 5035A							**Soil**					
Blank (9051092-BLK1)			Prepared: 05/21/19 11:00 Analyzed: 05/21/19 12:43									
1,2-Dichloropropane	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
1,3-Dichloropropane	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
2,2-Dichloropropane	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
1,1-Dichloropropene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
cis-1,3-Dichloropropene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
trans-1,3-Dichloropropene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Ethylbenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Hexachlorobutadiene	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
2-Hexanone	ND	---	0.333	mg/kg wet	50	---	---	---	---	---	---	
Isopropylbenzene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
4-Isopropyltoluene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Methylene chloride	ND	---	0.167	mg/kg wet	50	---	---	---	---	---	---	
4-Methyl-2-pentanone (MiBK)	ND	---	0.333	mg/kg wet	50	---	---	---	---	---	---	
Methyl tert-butyl ether (MTBE)	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Naphthalene	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
n-Propylbenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Styrene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
1,1,1,2-Tetrachloroethane	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
1,1,2,2-Tetrachloroethane	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Tetrachloroethene (PCE)	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Toluene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
1,2,3-Trichlorobenzene	ND	---	0.167	mg/kg wet	50	---	---	---	---	---	---	
1,2,4-Trichlorobenzene	ND	---	0.167	mg/kg wet	50	---	---	---	---	---	---	
1,1,1-Trichloroethane	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
1,1,2-Trichloroethane	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Trichloroethene (TCE)	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Trichlorofluoromethane	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
1,2,3-Trichloropropane	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
1,2,4-Trimethylbenzene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
1,3,5-Trimethylbenzene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Vinyl chloride	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
m,p-Xylene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
o-Xylene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	

Surr: 1,4-Difluorobenzene (Surr) *Recovery: 105 %* *Limits: 80-120 %* *Dilution: 1x*

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0515 - 05 31 19 1718**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051092 - EPA 5035A							**Soil**					
Blank (9051092-BLK1)			Prepared: 05/21/19 11:00 Analyzed: 05/21/19 12:43									
Surr: Toluene-d8 (Surr)			*Recovery: 94 %*	*Limits: 80-120 %*				*Dilution: 1x*				
4-Bromofluorobenzene (Surr)			*107 %*	*80-120 %*				*"*				
LCS (9051092-BS1)			Prepared: 05/21/19 11:00 Analyzed: 05/21/19 11:49									
5035A/8260C												
Acetone	1.80	---	1.00	mg/kg wet	50	2.00	---	90	80-120%	---	---	
Acrylonitrile	1.01	---	0.100	mg/kg wet	50	1.00	---	101	80-120%	---	---	
Benzene	0.978	---	0.0100	mg/kg wet	50	1.00	---	98	80-120%	---	---	
Bromobenzene	1.06	---	0.0250	mg/kg wet	50	1.00	---	106	80-120%	---	---	
Bromochloromethane	1.02	---	0.0500	mg/kg wet	50	1.00	---	102	80-120%	---	---	
Bromodichloromethane	1.05	---	0.100	mg/kg wet	50	1.00	---	105	80-120%	---	---	
Bromoform	1.29	---	0.200	mg/kg wet	50	1.00	---	**129**	**80-120%**	---	---	Q-56
Bromomethane	1.12	---	0.500	mg/kg wet	50	1.00	---	112	80-120%	---	---	
2-Butanone (MEK)	1.93	---	0.500	mg/kg wet	50	2.00	---	97	80-120%	---	---	
n-Butylbenzene	1.13	---	0.0500	mg/kg wet	50	1.00	---	113	80-120%	---	---	
sec-Butylbenzene	1.14	---	0.0500	mg/kg wet	50	1.00	---	114	80-120%	---	---	
tert-Butylbenzene	1.12	---	0.0500	mg/kg wet	50	1.00	---	112	80-120%	---	---	
Carbon disulfide	0.966	---	0.500	mg/kg wet	50	1.00	---	97	80-120%	---	---	
Carbon tetrachloride	1.23	---	0.100	mg/kg wet	50	1.00	---	**123**	**80-120%**	---	---	Q-56
Chlorobenzene	0.957	---	0.0250	mg/kg wet	50	1.00	---	96	80-120%	---	---	
Chloroethane	0.836	---	0.500	mg/kg wet	50	1.00	---	84	80-120%	---	---	
Chloroform	0.999	---	0.0500	mg/kg wet	50	1.00	---	100	80-120%	---	---	
Chloromethane	1.02	---	0.250	mg/kg wet	50	1.00	---	102	80-120%	---	---	
2-Chlorotoluene	1.10	---	0.0500	mg/kg wet	50	1.00	---	110	80-120%	---	---	
4-Chlorotoluene	1.12	---	0.0500	mg/kg wet	50	1.00	---	112	80-120%	---	---	
Dibromochloromethane	1.08	---	0.100	mg/kg wet	50	1.00	---	108	80-120%	---	---	
1,2-Dibromo-3-chloropropane	1.06	---	0.250	mg/kg wet	50	1.00	---	106	80-120%	---	---	
1,2-Dibromoethane (EDB)	0.976	---	0.0500	mg/kg wet	50	1.00	---	98	80-120%	---	---	
Dibromomethane	1.02	---	0.0500	mg/kg wet	50	1.00	---	102	80-120%	---	---	
1,2-Dichlorobenzene	1.03	---	0.0250	mg/kg wet	50	1.00	---	103	80-120%	---	---	
1,3-Dichlorobenzene	1.04	---	0.0250	mg/kg wet	50	1.00	---	104	80-120%	---	---	
1,4-Dichlorobenzene	0.978	---	0.0250	mg/kg wet	50	1.00	---	98	80-120%	---	---	
Dichlorodifluoromethane	1.22	---	0.100	mg/kg wet	50	1.00	---	**122**	**80-120%**	---	---	Q-56
1,1-Dichloroethane	0.899	---	0.0250	mg/kg wet	50	1.00	---	90	80-120%	---	---	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0515 - 05 31 19 1718**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051092 - EPA 5035A							**Soil**					
LCS (9051092-BS1)			Prepared: 05/21/19 11:00 Analyzed: 05/21/19 11:49									
1,2-Dichloroethane (EDC)	0.927	---	0.0250	mg/kg wet	50	1.00	---	93	80-120%	---	---	
1,1-Dichloroethene	0.810	---	0.0250	mg/kg wet	50	1.00	---	81	80-120%	---	---	
cis-1,2-Dichloroethene	0.999	---	0.0250	mg/kg wet	50	1.00	---	100	80-120%	---	---	
trans-1,2-Dichloroethene	0.885	---	0.0250	mg/kg wet	50	1.00	---	89	80-120%	---	---	
1,2-Dichloropropane	1.00	---	0.0250	mg/kg wet	50	1.00	---	100	80-120%	---	---	
1,3-Dichloropropane	0.995	---	0.0500	mg/kg wet	50	1.00	---	99	80-120%	---	---	
2,2-Dichloropropane	1.25	---	0.0500	mg/kg wet	50	1.00	---	**125**	**80-120%**	---	---	Q-56
1,1-Dichloropropene	1.01	---	0.0500	mg/kg wet	50	1.00	---	101	80-120%	---	---	
cis-1,3-Dichloropropene	0.966	---	0.0500	mg/kg wet	50	1.00	---	97	80-120%	---	---	
trans-1,3-Dichloropropene	1.01	---	0.0500	mg/kg wet	50	1.00	---	101	80-120%	---	---	
Ethylbenzene	0.990	---	0.0250	mg/kg wet	50	1.00	---	99	80-120%	---	---	
Hexachlorobutadiene	1.02	---	0.100	mg/kg wet	50	1.00	---	102	80-120%	---	---	
2-Hexanone	1.89	---	0.500	mg/kg wet	50	2.00	---	94	80-120%	---	---	
Isopropylbenzene	1.12	---	0.0500	mg/kg wet	50	1.00	---	112	80-120%	---	---	
4-Isopropyltoluene	1.10	---	0.0500	mg/kg wet	50	1.00	---	110	80-120%	---	---	
Methylene chloride	0.715	---	0.250	mg/kg wet	50	1.00	---	**71**	**80-120%**	---	---	Q-55
4-Methyl-2-pentanone (MiBK)	1.98	---	0.500	mg/kg wet	50	2.00	---	99	80-120%	---	---	
Methyl tert-butyl ether (MTBE)	0.984	---	0.0500	mg/kg wet	50	1.00	---	98	80-120%	---	---	
Naphthalene	0.917	---	0.100	mg/kg wet	50	1.00	---	92	80-120%	---	---	
n-Propylbenzene	1.12	---	0.0250	mg/kg wet	50	1.00	---	112	80-120%	---	---	
Styrene	0.995	---	0.0500	mg/kg wet	50	1.00	---	100	80-120%	---	---	
1,1,1,2-Tetrachloroethane	1.16	---	0.100	mg/kg wet	50	1.00	---	116	80-120%	---	---	
1,1,2,2-Tetrachloroethane	1.18	---	0.0500	mg/kg wet	50	1.00	---	118	80-120%	---	---	
Tetrachloroethene (PCE)	0.973	---	0.0250	mg/kg wet	50	1.00	---	97	80-120%	---	---	
Toluene	0.911	---	0.0500	mg/kg wet	50	1.00	---	91	80-120%	---	---	
1,2,3-Trichlorobenzene	1.04	---	0.250	mg/kg wet	50	1.00	---	104	80-120%	---	---	
1,2,4-Trichlorobenzene	1.06	---	0.250	mg/kg wet	50	1.00	---	106	80-120%	---	---	
1,1,1-Trichloroethane	1.16	---	0.0250	mg/kg wet	50	1.00	---	116	80-120%	---	---	
1,1,2-Trichloroethane	1.03	---	0.0250	mg/kg wet	50	1.00	---	103	80-120%	---	---	
Trichloroethene (TCE)	0.973	---	0.0250	mg/kg wet	50	1.00	---	97	80-120%	---	---	
Trichlorofluoromethane	0.947	---	0.100	mg/kg wet	50	1.00	---	95	80-120%	---	---	
1,2,3-Trichloropropane	1.06	---	0.0500	mg/kg wet	50	1.00	---	106	80-120%	---	---	
1,2,4-Trimethylbenzene	1.14	---	0.0500	mg/kg wet	50	1.00	---	114	80-120%	---	---	
1,3,5-Trimethylbenzene	1.15	---	0.0500	mg/kg wet	50	1.00	---	115	80-120%	---	---	

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GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0515 - 05 31 19 1718**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051092 - EPA 5035A							**Soil**					
LCS (9051092-BS1)			Prepared: 05/21/19 11:00 Analyzed: 05/21/19 11:49									
Vinyl chloride	1.04	---	0.0250	mg/kg wet	50	1.00	---	104	80-120%	---	---	
m,p-Xylene	2.12	---	0.0500	mg/kg wet	50	2.00	---	106	80-120%	---	---	
o-Xylene	1.07	---	0.0250	mg/kg wet	50	1.00	---	107	80-120%	---	---	
Surr: 1,4-Difluorobenzene (Surr)		*Recovery:*	*100 %*	*Limits:*	*80-120 %*		*Dilution:*	*1x*				
Toluene-d8 (Surr)			*95 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*104 %*		*80-120 %*			*"*				
Duplicate (9051092-DUP1)			Prepared: 05/15/19 10:30 Analyzed: 05/21/19 16:25									
QC Source Sample: HA-1(2-2.5) (A9E0515-01)												
5035A/8260C												
Acetone	ND	---	1.40	mg/kg dry	50	---	ND	---	---	---	30%	
Acrylonitrile	ND	---	0.140	mg/kg dry	50	---	ND	---	---	---	30%	
Benzene	ND	---	0.0140	mg/kg dry	50	---	ND	---	---	---	30%	
Bromobenzene	ND	---	0.0349	mg/kg dry	50	---	ND	---	---	---	30%	
Bromochloromethane	ND	---	0.0698	mg/kg dry	50	---	ND	---	---	---	30%	
Bromodichloromethane	ND	---	0.140	mg/kg dry	50	---	ND	---	---	---	30%	
Bromoform	ND	---	0.279	mg/kg dry	50	---	ND	---	---	---	30%	
Bromomethane	ND	---	0.698	mg/kg dry	50	---	ND	---	---	---	30%	
2-Butanone (MEK)	ND	---	0.698	mg/kg dry	50	---	ND	---	---	---	30%	
n-Butylbenzene	ND	---	0.0698	mg/kg dry	50	---	ND	---	---	---	30%	
sec-Butylbenzene	ND	---	0.0698	mg/kg dry	50	---	ND	---	---	---	30%	
tert-Butylbenzene	ND	---	0.0698	mg/kg dry	50	---	ND	---	---	---	30%	
Carbon disulfide	ND	---	0.698	mg/kg dry	50	---	ND	---	---	---	30%	
Carbon tetrachloride	ND	---	0.140	mg/kg dry	50	---	ND	---	---	---	30%	
Chlorobenzene	ND	---	0.0349	mg/kg dry	50	---	ND	---	---	---	30%	
Chloroethane	ND	---	0.698	mg/kg dry	50	---	ND	---	---	---	30%	
Chloroform	ND	---	0.0698	mg/kg dry	50	---	ND	---	---	---	30%	
Chloromethane	ND	---	0.349	mg/kg dry	50	---	ND	---	---	---	30%	
2-Chlorotoluene	ND	---	0.0698	mg/kg dry	50	---	ND	---	---	---	30%	
4-Chlorotoluene	ND	---	0.0698	mg/kg dry	50	---	ND	---	---	---	30%	
Dibromochloromethane	ND	---	0.140	mg/kg dry	50	---	ND	---	---	---	30%	
1,2-Dibromo-3-chloropropane	ND	---	0.349	mg/kg dry	50	---	ND	---	---	---	30%	
1,2-Dibromoethane (EDB)	ND	---	0.0698	mg/kg dry	50	---	ND	---	---	---	30%	
Dibromomethane	ND	---	0.0698	mg/kg dry	50	---	ND	---	---	---	30%	

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Philip Nerenberg, Lab Director

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GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0515 - 05 31 19 1718**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051092 - EPA 5035A							**Soil**					
Duplicate (9051092-DUP1)			Prepared: 05/15/19 10:30 Analyzed: 05/21/19 16:25									
QC Source Sample: HA-1(2-2.5) (A9E0515-01)												
1,2-Dichlorobenzene	ND	---	0.0349	mg/kg dry	50	---	ND	---	---	---	30%	
1,3-Dichlorobenzene	ND	---	0.0349	mg/kg dry	50	---	ND	---	---	---	30%	
1,4-Dichlorobenzene	ND	---	0.0349	mg/kg dry	50	---	ND	---	---	---	30%	
Dichlorodifluoromethane	ND	---	0.140	mg/kg dry	50	---	ND	---	---	---	30%	
1,1-Dichloroethane	ND	---	0.0349	mg/kg dry	50	---	ND	---	---	---	30%	
1,2-Dichloroethane (EDC)	ND	---	0.0349	mg/kg dry	50	---	ND	---	---	---	30%	
1,1-Dichloroethene	ND	---	0.0349	mg/kg dry	50	---	ND	---	---	---	30%	
cis-1,2-Dichloroethene	ND	---	0.0349	mg/kg dry	50	---	ND	---	---	---	30%	
trans-1,2-Dichloroethene	ND	---	0.0349	mg/kg dry	50	---	ND	---	---	---	30%	
1,2-Dichloropropane	ND	---	0.0349	mg/kg dry	50	---	ND	---	---	---	30%	
1,3-Dichloropropane	ND	---	0.0698	mg/kg dry	50	---	ND	---	---	---	30%	
2,2-Dichloropropane	ND	---	0.0698	mg/kg dry	50	---	ND	---	---	---	30%	
1,1-Dichloropropene	ND	---	0.0698	mg/kg dry	50	---	ND	---	---	---	30%	
cis-1,3-Dichloropropene	ND	---	0.0698	mg/kg dry	50	---	ND	---	---	---	30%	
trans-1,3-Dichloropropene	ND	---	0.0698	mg/kg dry	50	---	ND	---	---	---	30%	
Ethylbenzene	ND	---	0.0349	mg/kg dry	50	---	ND	---	---	---	30%	
Hexachlorobutadiene	ND	---	0.140	mg/kg dry	50	---	ND	---	---	---	30%	
2-Hexanone	ND	---	0.698	mg/kg dry	50	---	ND	---	---	---	30%	
Isopropylbenzene	ND	---	0.0698	mg/kg dry	50	---	ND	---	---	---	30%	
4-Isopropyltoluene	ND	---	0.0698	mg/kg dry	50	---	ND	---	---	---	30%	
Methylene chloride	ND	---	0.349	mg/kg dry	50	---	ND	---	---	---	30%	
4-Methyl-2-pentanone (MiBK)	ND	---	0.698	mg/kg dry	50	---	ND	---	---	---	30%	
Methyl tert-butyl ether (MTBE)	ND	---	0.0698	mg/kg dry	50	---	ND	---	---	---	30%	
Naphthalene	ND	---	0.140	mg/kg dry	50	---	ND	---	---	---	30%	
n-Propylbenzene	ND	---	0.0349	mg/kg dry	50	---	ND	---	---	---	30%	
Styrene	ND	---	0.0698	mg/kg dry	50	---	ND	---	---	---	30%	
1,1,1,2-Tetrachloroethane	ND	---	0.140	mg/kg dry	50	---	ND	---	---	---	30%	
1,1,2,2-Tetrachloroethane	ND	---	0.0698	mg/kg dry	50	---	ND	---	---	---	30%	
Tetrachloroethene (PCE)	ND	---	0.0349	mg/kg dry	50	---	ND	---	---	---	30%	
Toluene	ND	---	0.0698	mg/kg dry	50	---	ND	---	---	---	30%	
1,2,3-Trichlorobenzene	ND	---	0.349	mg/kg dry	50	---	ND	---	---	---	30%	
1,2,4-Trichlorobenzene	ND	---	0.349	mg/kg dry	50	---	ND	---	---	---	30%	
1,1,1-Trichloroethane	ND	---	0.0349	mg/kg dry	50	---	ND	---	---	---	30%	

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GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0515 - 05 31 19 1718**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051092 - EPA 5035A							**Soil**					
Duplicate (9051092-DUP1)			Prepared: 05/15/19 10:30 Analyzed: 05/21/19 16:25									
QC Source Sample: HA-1(2-2.5) (A9E0515-01)												
1,1,2-Trichloroethane	ND	---	0.0349	mg/kg dry	50	---	ND	---	---	---	30%	
Trichloroethene (TCE)	ND	---	0.0349	mg/kg dry	50	---	ND	---	---	---	30%	
Trichlorofluoromethane	ND	---	0.140	mg/kg dry	50	---	ND	---	---	---	30%	
1,2,3-Trichloropropane	ND	---	0.0698	mg/kg dry	50	---	ND	---	---	---	30%	
1,2,4-Trimethylbenzene	ND	---	0.0698	mg/kg dry	50	---	ND	---	---	---	30%	
1,3,5-Trimethylbenzene	ND	---	0.0698	mg/kg dry	50	---	ND	---	---	---	30%	
Vinyl chloride	ND	---	0.0349	mg/kg dry	50	---	ND	---	---	---	30%	
m,p-Xylene	ND	---	0.0698	mg/kg dry	50	---	ND	---	---	---	30%	
o-Xylene	ND	---	0.0349	mg/kg dry	50	---	ND	---	---	---	30%	
Surr: 1,4-Difluorobenzene (Surr)		*Recovery:*	*100 %*	*Limits:*	*80-120 %*		*Dilution:*	*1x*				
Toluene-d8 (Surr)			*100 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*104 %*		*80-120 %*			*"*				
Matrix Spike (9051092-MS1)			Prepared: 05/15/19 14:15 Analyzed: 05/21/19 18:13									
QC Source Sample: HA-2(2-2.5) (A9E0515-07)												
5035A/8260C												
Acetone	2.87	---	1.37	mg/kg dry	50	2.73	ND	105	36-164%	---	---	
Acrylonitrile	1.43	---	0.137	mg/kg dry	50	1.37	ND	105	65-134%	---	---	
Benzene	1.35	---	0.0137	mg/kg dry	50	1.37	ND	99	77-121%	---	---	
Bromobenzene	1.43	---	0.0342	mg/kg dry	50	1.37	ND	104	78-121%	---	---	
Bromochloromethane	1.51	---	0.0683	mg/kg dry	50	1.37	ND	111	78-125%	---	---	
Bromodichloromethane	1.44	---	0.137	mg/kg dry	50	1.37	ND	105	75-127%	---	---	
Bromoform	1.71	---	0.273	mg/kg dry	50	1.37	ND	125	67-132%	---	---	Q-54c
Bromomethane	1.59	---	0.683	mg/kg dry	50	1.37	ND	116	53-143%	---	---	
2-Butanone (MEK)	2.68	---	0.683	mg/kg dry	50	2.73	ND	98	51-148%	---	---	
n-Butylbenzene	1.44	---	0.0683	mg/kg dry	50	1.37	ND	105	70-128%	---	---	
sec-Butylbenzene	1.48	---	0.0683	mg/kg dry	50	1.37	ND	108	73-126%	---	---	
tert-Butylbenzene	1.46	---	0.0683	mg/kg dry	50	1.37	ND	107	73-125%	---	---	
Carbon disulfide	1.32	---	0.683	mg/kg dry	50	1.37	ND	96	63-132%	---	---	
Carbon tetrachloride	1.64	---	0.137	mg/kg dry	50	1.37	ND	120	70-135%	---	---	Q-54a
Chlorobenzene	1.30	---	0.0342	mg/kg dry	50	1.37	ND	95	79-120%	---	---	
Chloroethane	1.35	---	0.683	mg/kg dry	50	1.37	ND	99	59-139%	---	---	
Chloroform	1.38	---	0.0683	mg/kg dry	50	1.37	ND	101	78-123%	---	---	

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Philip Nerenberg, Lab Director

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GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	A9E0515 - 05 31 19 1718

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051092 - EPA 5035A							**Soil**					
Matrix Spike (9051092-MS1)			Prepared: 05/15/19 14:15		Analyzed: 05/21/19 18:13							
QC Source Sample: HA-2(2-2.5) (A9E0515-07)												
Chloromethane	1.49	---	0.342	mg/kg dry	50	1.37	ND	109	50-136%	---	---	
2-Chlorotoluene	1.43	---	0.0683	mg/kg dry	50	1.37	ND	105	75-122%	---	---	
4-Chlorotoluene	1.47	---	0.0683	mg/kg dry	50	1.37	ND	108	72-124%	---	---	
Dibromochloromethane	1.48	---	0.137	mg/kg dry	50	1.37	ND	108	74-126%	---	---	
1,2-Dibromo-3-chloropropane	1.46	---	0.342	mg/kg dry	50	1.37	ND	107	61-132%	---	---	
1,2-Dibromoethane (EDB)	1.37	---	0.0683	mg/kg dry	50	1.37	ND	100	78-122%	---	---	
Dibromomethane	1.45	---	0.0683	mg/kg dry	50	1.37	ND	106	78-125%	---	---	
1,2-Dichlorobenzene	1.39	---	0.0342	mg/kg dry	50	1.37	ND	102	78-121%	---	---	
1,3-Dichlorobenzene	1.38	---	0.0342	mg/kg dry	50	1.37	ND	101	77-121%	---	---	
1,4-Dichlorobenzene	1.31	---	0.0342	mg/kg dry	50	1.37	ND	96	75-120%	---	---	
Dichlorodifluoromethane	1.69	---	0.137	mg/kg dry	50	1.37	ND	124	29-149%	---	---	Q-54
1,1-Dichloroethane	1.27	---	0.0342	mg/kg dry	50	1.37	ND	93	76-125%	---	---	
1,2-Dichloroethane (EDC)	1.32	---	0.0342	mg/kg dry	50	1.37	ND	96	73-128%	---	---	
1,1-Dichloroethene	1.13	---	0.0342	mg/kg dry	50	1.37	ND	83	70-131%	---	---	
cis-1,2-Dichloroethene	1.40	---	0.0342	mg/kg dry	50	1.37	ND	102	77-123%	---	---	
trans-1,2-Dichloroethene	1.23	---	0.0342	mg/kg dry	50	1.37	ND	90	74-125%	---	---	
1,2-Dichloropropane	1.39	---	0.0342	mg/kg dry	50	1.37	ND	102	76-123%	---	---	
1,3-Dichloropropane	1.43	---	0.0683	mg/kg dry	50	1.37	ND	104	77-121%	---	---	
2,2-Dichloropropane	1.52	---	0.0683	mg/kg dry	50	1.37	ND	111	67-133%	---	---	Q-54b
1,1-Dichloropropene	1.37	---	0.0683	mg/kg dry	50	1.37	ND	101	76-125%	---	---	
cis-1,3-Dichloropropene	1.33	---	0.0683	mg/kg dry	50	1.37	ND	97	74-126%	---	---	
trans-1,3-Dichloropropene	1.39	---	0.0683	mg/kg dry	50	1.37	ND	102	71-130%	---	---	
Ethylbenzene	1.34	---	0.0342	mg/kg dry	50	1.37	ND	98	76-122%	---	---	
Hexachlorobutadiene	1.30	---	0.137	mg/kg dry	50	1.37	ND	95	61-135%	---	---	
2-Hexanone	2.66	---	0.683	mg/kg dry	50	2.73	ND	97	53-145%	---	---	
Isopropylbenzene	1.46	---	0.0683	mg/kg dry	50	1.37	ND	107	68-134%	---	---	
4-Isopropyltoluene	1.43	---	0.0683	mg/kg dry	50	1.37	ND	104	73-127%	---	---	
Methylene chloride	1.03	---	0.342	mg/kg dry	50	1.37	ND	76	70-128%	---	---	Q-54d
4-Methyl-2-pentanone (MiBK)	2.84	---	0.683	mg/kg dry	50	2.73	ND	104	65-135%	---	---	
Methyl tert-butyl ether (MTBE)	1.37	---	0.0683	mg/kg dry	50	1.37	ND	100	73-125%	---	---	
Naphthalene	1.27	---	0.137	mg/kg dry	50	1.37	ND	93	62-129%	---	---	
n-Propylbenzene	1.46	---	0.0342	mg/kg dry	50	1.37	ND	107	73-125%	---	---	
Styrene	1.29	---	0.0683	mg/kg dry	50	1.37	ND	94	76-124%	---	---	

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503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	A9E0515 - 05 31 19 1718

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051092 - EPA 5035A							**Soil**					
Matrix Spike (9051092-MS1)			Prepared: 05/15/19 14:15		Analyzed: 05/21/19 18:13							
QC Source Sample: HA-2(2-2.5) (A9E0515-07)												
1,1,1,2-Tetrachloroethane	1.55	---	0.137	mg/kg dry	50	1.37	ND	113	78-125%	---	---	
1,1,2,2-Tetrachloroethane	1.61	---	0.0683	mg/kg dry	50	1.37	ND	118	70-124%	---	---	
Tetrachloroethene (PCE)	1.34	---	0.0342	mg/kg dry	50	1.37	ND	98	73-128%	---	---	
Toluene	1.29	---	0.0683	mg/kg dry	50	1.37	ND	94	77-121%	---	---	
1,2,3-Trichlorobenzene	1.39	---	0.342	mg/kg dry	50	1.37	ND	102	66-130%	---	---	
1,2,4-Trichlorobenzene	1.41	---	0.342	mg/kg dry	50	1.37	ND	103	67-129%	---	---	
1,1,1-Trichloroethane	1.56	---	0.0342	mg/kg dry	50	1.37	ND	114	73-130%	---	---	
1,1,2-Trichloroethane	1.45	---	0.0342	mg/kg dry	50	1.37	ND	106	78-121%	---	---	
Trichloroethene (TCE)	1.34	---	0.0342	mg/kg dry	50	1.37	ND	98	77-123%	---	---	
Trichlorofluoromethane	1.32	---	0.137	mg/kg dry	50	1.37	ND	96	62-140%	---	---	
1,2,3-Trichloropropane	1.46	---	0.0683	mg/kg dry	50	1.37	ND	107	73-125%	---	---	
1,2,4-Trimethylbenzene	1.50	---	0.0683	mg/kg dry	50	1.37	ND	110	75-123%	---	---	
1,3,5-Trimethylbenzene	1.50	---	0.0683	mg/kg dry	50	1.37	ND	110	73-124%	---	---	
Vinyl chloride	1.46	---	0.0342	mg/kg dry	50	1.37	ND	107	56-135%	---	---	
m,p-Xylene	2.84	---	0.0683	mg/kg dry	50	2.73	ND	104	77-124%	---	---	
o-Xylene	1.40	---	0.0342	mg/kg dry	50	1.37	ND	103	77-123%	---	---	
Surr: 1,4-Difluorobenzene (Surr)			*Recovery: 100 %*		*Limits: 80-120 %*			*Dilution: 1x*				
Toluene-d8 (Surr)			*98 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*101 %*		*80-120 %*			*"*				

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0515 - 05 31 19 1718**

QUALITY CONTROL (QC) SAMPLE RESULTS

Polychlorinated Biphenyls by EPA 8082A

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051199 - EPA 3546							**Soil**					
Blank (9051199-BLK1)			Prepared: 05/23/19 10:23		Analyzed: 05/23/19 16:03							**C-07**
EPA 8082A												
Aroclor 1016	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1221	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1232	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1242	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1248	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1254	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1260	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Surr: Decachlorobiphenyl (Surr)			*Recovery: 94 %*		*Limits: 60-125 %*			*Dilution: 1x*				
LCS (9051199-BS1)			Prepared: 05/23/19 10:23		Analyzed: 05/23/19 16:21							**C-07**
EPA 8082A												
Aroclor 1016	0.171	---	0.0100	mg/kg wet	1	0.250	---	69	47-134%	---	---	
Aroclor 1260	0.204	---	0.0100	mg/kg wet	1	0.250	---	81	53-140%	---	---	
Surr: Decachlorobiphenyl (Surr)			*Recovery: 93 %*		*Limits: 60-125 %*			*Dilution: 1x*				
Duplicate (9051199-DUP1)			Prepared: 05/23/19 10:23		Analyzed: 05/23/19 17:17							**C-07**
QC Source Sample: HA-1(2-2.5) (A9E0515-01)												
EPA 8082A												
Aroclor 1016	ND	---	0.0117	mg/kg dry	1	---	ND	---	---	---	30%	
Aroclor 1221	ND	---	0.0117	mg/kg dry	1	---	ND	---	---	---	30%	
Aroclor 1232	ND	---	0.0117	mg/kg dry	1	---	ND	---	---	---	30%	
Aroclor 1242	ND	---	0.0117	mg/kg dry	1	---	ND	---	---	---	30%	
Aroclor 1248	ND	---	0.0117	mg/kg dry	1	---	ND	---	---	---	30%	
Aroclor 1254	ND	---	0.0117	mg/kg dry	1	---	ND	---	---	---	30%	
Aroclor 1260	ND	---	0.0117	mg/kg dry	1	---	ND	---	---	---	30%	
Surr: Decachlorobiphenyl (Surr)			*Recovery: 86 %*		*Limits: 60-125 %*			*Dilution: 1x*				
Matrix Spike (9051199-MS1)			Prepared: 05/23/19 10:23		Analyzed: 05/24/19 10:40							**C-07**
QC Source Sample: Non-SDG (A9E0710-03)												
EPA 8082A												
Aroclor 1016	0.337	---	0.0117	mg/kg dry	1	0.293	ND	115	47-134%	---	---	
Aroclor 1260	0.234	---	0.0293	mg/kg dry	1	0.293	ND	80	53-140%	---	---	

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GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0515 - 05 31 19 1718**

QUALITY CONTROL (QC) SAMPLE RESULTS

Polychlorinated Biphenyls by EPA 8082A

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051199 - EPA 3546							**Soil**					
Matrix Spike (9051199-MS1)			Prepared: 05/23/19 10:23 Analyzed: 05/24/19 10:40									**C-07**
QC Source Sample: Non-SDG (A9E0710-03)												
Surr: Decachlorobiphenyl (Surr)			*Recovery: 80 %*	*Limits: 60-125 %*			*Dilution: 1x*					

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QUALITY CONTROL (QC) SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051116 - EPA 3546							**Soil**					
Blank (9051116-BLK1)			Prepared: 05/21/19 14:46		Analyzed: 05/22/19 10:03							
EPA 8270D (SIM)												
Acenaphthene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Acenaphthylene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Anthracene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Benz(a)anthracene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Benzo(a)pyrene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Benzo(b)fluoranthene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Benzo(k)fluoranthene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Benzo(g,h,i)perylene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Chrysene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Dibenz(a,h)anthracene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Dibenzofuran	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Fluoranthene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Fluorene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Indeno(1,2,3-cd)pyrene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
1-Methylnaphthalene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
2-Methylnaphthalene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Naphthalene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Phenanthrene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Pyrene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Surr: 2-Fluorobiphenyl (Surr)			*Recovery: 69 %*		*Limits: 44-120 %*			*Dilution: 1x*				
p-Terphenyl-d14 (Surr)			*79 %*		*54-127 %*			*"*				
LCS (9051116-BS1)			Prepared: 05/21/19 14:46		Analyzed: 05/22/19 10:29							
EPA 8270D (SIM)												
Acenaphthene	0.742	---	0.0100	mg/kg wet	1	0.800	---	93	40-122%	---	---	
Acenaphthylene	0.781	---	0.0100	mg/kg wet	1	0.800	---	98	32-132%	---	---	
Anthracene	0.782	---	0.0100	mg/kg wet	1	0.800	---	98	47-123%	---	---	
Benz(a)anthracene	0.771	---	0.0100	mg/kg wet	1	0.800	---	96	49-126%	---	---	
Benzo(a)pyrene	0.830	---	0.0100	mg/kg wet	1	0.800	---	104	45-129%	---	---	
Benzo(b)fluoranthene	0.742	---	0.0100	mg/kg wet	1	0.800	---	93	45-132%	---	---	
Benzo(k)fluoranthene	0.776	---	0.0100	mg/kg wet	1	0.800	---	97	47-132%	---	---	
Benzo(g,h,i)perylene	0.734	---	0.0100	mg/kg wet	1	0.800	---	92	43-134%	---	---	
Chrysene	0.792	---	0.0100	mg/kg wet	1	0.800	---	99	50-124%	---	---	

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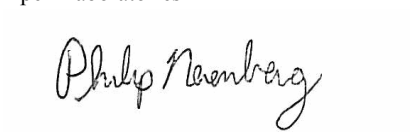

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GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0515 - 05 31 19 1718**

QUALITY CONTROL (QC) SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051116 - EPA 3546							**Soil**					
LCS (9051116-BS1)			Prepared: 05/21/19 14:46 Analyzed: 05/22/19 10:29									
Dibenz(a,h)anthracene	0.812	---	0.0100	mg/kg wet	1	0.800	---	102	45-134%	---	---	
Dibenzofuran	0.764	---	0.0100	mg/kg wet	1	0.800	---	96	44-120%	---	---	
Fluoranthene	0.825	---	0.0100	mg/kg wet	1	0.800	---	103	50-127%	---	---	
Fluorene	0.785	---	0.0100	mg/kg wet	1	0.800	---	98	43-125%	---	---	
Indeno(1,2,3-cd)pyrene	0.743	---	0.0100	mg/kg wet	1	0.800	---	93	45-133%	---	---	
1-Methylnaphthalene	0.731	---	0.0100	mg/kg wet	1	0.800	---	91	40-120%	---	---	
2-Methylnaphthalene	0.738	---	0.0100	mg/kg wet	1	0.800	---	92	38-122%	---	---	
Naphthalene	0.737	---	0.0100	mg/kg wet	1	0.800	---	92	35-123%	---	---	
Phenanthrene	0.754	---	0.0100	mg/kg wet	1	0.800	---	94	50-121%	---	---	
Pyrene	0.850	---	0.0100	mg/kg wet	1	0.800	---	106	47-127%	---	---	
Surr: 2-Fluorobiphenyl (Surr)			*Recovery: 87 %*		*Limits: 44-120 %*				*Dilution: 1x*			
p-Terphenyl-d14 (Surr)			*79 %*		*54-127 %*				*"*			
Duplicate (9051116-DUP1)			Prepared: 05/21/19 14:46 Analyzed: 05/22/19 11:22									
QC Source Sample: Non-SDG (A9E0313-01)												
Acenaphthene	ND	---	0.326	mg/kg dry	20	---	ND	---	---	---	30%	R-02
Acenaphthylene	ND	---	0.351	mg/kg dry	20	---	ND	---	---	---	30%	R-02
Anthracene	ND	---	0.251	mg/kg dry	20	---	ND	---	---	---	30%	
Benz(a)anthracene	ND	---	0.276	mg/kg dry	20	---	ND	---	---	---	30%	R-02
Benzo(a)pyrene	ND	---	0.251	mg/kg dry	20	---	ND	---	---	---	30%	
Benzo(b)fluoranthene	ND	---	0.251	mg/kg dry	20	---	ND	---	---	---	30%	
Benzo(k)fluoranthene	ND	---	0.251	mg/kg dry	20	---	ND	---	---	---	30%	
Benzo(g,h,i)perylene	ND	---	0.251	mg/kg dry	20	---	ND	---	---	---	30%	
Chrysene	ND	---	0.276	mg/kg dry	20	---	ND	---	---	---	30%	R-02
Dibenz(a,h)anthracene	ND	---	0.251	mg/kg dry	20	---	ND	---	---	---	30%	
Dibenzofuran	**0.897**	---	0.251	mg/kg dry	20	---	0.946	---	---	5	30%	
Fluoranthene	ND	---	0.251	mg/kg dry	20	---	0.152	---	---	***	30%	
Fluorene	ND	---	0.301	mg/kg dry	20	---	ND	---	---	---	30%	R-02
Indeno(1,2,3-cd)pyrene	ND	---	0.251	mg/kg dry	20	---	ND	---	---	---	30%	
1-Methylnaphthalene	ND	---	0.577	mg/kg dry	20	---	ND	---	---	---	30%	R-02
2-Methylnaphthalene	ND	---	0.452	mg/kg dry	20	---	ND	---	---	---	30%	R-02
Naphthalene	ND	---	0.301	mg/kg dry	20	---	ND	---	---	---	30%	R-02
Phenanthrene	**0.541**	---	0.251	mg/kg dry	20	---	0.524	---	---	3	30%	
Pyrene	**1.73**	---	0.251	mg/kg dry	20	---	2.22	---	---	25	30%	

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0515 - 05 31 19 1718**

QUALITY CONTROL (QC) SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051116 - EPA 3546							**Soil**					
Duplicate (9051116-DUP1)			Prepared: 05/21/19 14:46 Analyzed: 05/22/19 11:22									
QC Source Sample: Non-SDG (A9E0313-01)												
Surr: 2-Fluorobiphenyl (Surr)			*Recovery: 86 %*	*Limits: 44-120 %*			*Dilution: 20x*					
p-Terphenyl-d14 (Surr)			*80 %*	*54-127 %*			*"*					
Matrix Spike (9051116-MS1)			Prepared: 05/21/19 14:46 Analyzed: 05/22/19 17:33									
QC Source Sample: Non-SDG (A9E0575-08)												
EPA 8270D (SIM)												
Acenaphthene	0.845	---	0.0119	mg/kg dry	1	0.949	ND	89	40-122%	---	---	
Acenaphthylene	0.867	---	0.0119	mg/kg dry	1	0.949	ND	91	32-132%	---	---	
Anthracene	0.857	---	0.0119	mg/kg dry	1	0.949	ND	90	47-123%	---	---	
Benz(a)anthracene	0.824	---	0.0119	mg/kg dry	1	0.949	ND	87	49-126%	---	---	
Benzo(a)pyrene	0.898	---	0.0119	mg/kg dry	1	0.949	ND	95	45-129%	---	---	
Benzo(b)fluoranthene	0.827	---	0.0119	mg/kg dry	1	0.949	ND	87	45-132%	---	---	
Benzo(k)fluoranthene	0.829	---	0.0119	mg/kg dry	1	0.949	ND	87	47-132%	---	---	
Benzo(g,h,i)perylene	0.731	---	0.0119	mg/kg dry	1	0.949	ND	77	43-134%	---	---	
Chrysene	0.834	---	0.0119	mg/kg dry	1	0.949	ND	88	50-124%	---	---	
Dibenz(a,h)anthracene	0.880	---	0.0119	mg/kg dry	1	0.949	ND	93	45-134%	---	---	
Dibenzofuran	0.876	---	0.0119	mg/kg dry	1	0.949	ND	92	44-120%	---	---	
Fluoranthene	0.919	---	0.0119	mg/kg dry	1	0.949	ND	97	50-127%	---	---	
Fluorene	0.885	---	0.0119	mg/kg dry	1	0.949	ND	93	43-125%	---	---	
Indeno(1,2,3-cd)pyrene	0.776	---	0.0119	mg/kg dry	1	0.949	ND	82	45-133%	---	---	
1-Methylnaphthalene	0.819	---	0.0119	mg/kg dry	1	0.949	ND	86	40-120%	---	---	
2-Methylnaphthalene	0.828	---	0.0119	mg/kg dry	1	0.949	ND	87	38-122%	---	---	
Naphthalene	0.811	---	0.0119	mg/kg dry	1	0.949	ND	85	35-123%	---	---	
Phenanthrene	0.825	---	0.0119	mg/kg dry	1	0.949	ND	87	50-121%	---	---	
Pyrene	0.944	---	0.0119	mg/kg dry	1	0.949	ND	99	47-127%	---	---	
Surr: 2-Fluorobiphenyl (Surr)			*Recovery: 84 %*	*Limits: 44-120 %*			*Dilution: 1x*					
p-Terphenyl-d14 (Surr)			*73 %*	*54-127 %*			*"*					

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503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0515 - 05 31 19 1718**

QUALITY CONTROL (QC) SAMPLE RESULTS

Total Metals by EPA 6020A (ICPMS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051247 - EPA 3051A							**Soil**					
Blank (9051247-BLK1)			Prepared: 05/24/19 08:29 Analyzed: 05/24/19 22:52									
EPA 6020A												
Barium	ND	---	1.00	mg/kg wet	10	---	---	---	---	---	---	
Cadmium	ND	---	0.200	mg/kg wet	10	---	---	---	---	---	---	
Lead	ND	---	0.200	mg/kg wet	10	---	---	---	---	---	---	
Mercury	ND	---	0.0800	mg/kg wet	10	---	---	---	---	---	---	
Selenium	ND	---	1.00	mg/kg wet	10	---	---	---	---	---	---	
Silver	ND	---	0.200	mg/kg wet	10	---	---	---	---	---	---	
Blank (9051247-BLK2)			Prepared: 05/24/19 08:29 Analyzed: 05/28/19 18:16									
EPA 6020A												
Arsenic	ND	---	1.00	mg/kg wet	10	---	---	---	---	---	---	Q-16
Chromium	ND	---	1.00	mg/kg wet	10	---	---	---	---	---	---	Q-16
LCS (9051247-BS1)			Prepared: 05/24/19 08:29 Analyzed: 05/24/19 22:56									
EPA 6020A												
Barium	55.9	---	1.00	mg/kg wet	10	50.0	---	112	80-120%	---	---	
Cadmium	54.6	---	0.200	mg/kg wet	10	50.0	---	109	80-120%	---	---	
Lead	54.2	---	0.200	mg/kg wet	10	50.0	---	108	80-120%	---	---	
Mercury	1.07	---	0.0800	mg/kg wet	10	1.00	---	107	80-120%	---	---	
Selenium	25.8	---	1.00	mg/kg wet	10	25.0	---	103	80-120%	---	---	
Silver	25.7	---	0.200	mg/kg wet	10	25.0	---	103	80-120%	---	---	
LCS (9051247-BS2)			Prepared: 05/24/19 08:29 Analyzed: 05/28/19 18:21									
EPA 6020A												
Arsenic	58.1	---	1.00	mg/kg wet	10	50.0	---	116	80-120%	---	---	Q-16
Chromium	57.9	---	1.00	mg/kg wet	10	50.0	---	116	80-120%	---	---	Q-16
Duplicate (9051247-DUP1)			Prepared: 05/24/19 08:29 Analyzed: 05/24/19 23:29									
QC Source Sample: HA-1(15-15.5) (A9E0515-06)												
EPA 6020A												
Barium	**152**	---	1.27	mg/kg dry	10	---	153	---	---	0.5	40%	
Cadmium	**0.561**	---	0.255	mg/kg dry	10	---	0.612	---	---	9	40%	
Lead	**8.98**	---	0.255	mg/kg dry	10	---	9.54	---	---	6	40%	

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QUALITY CONTROL (QC) SAMPLE RESULTS

Total Metals by EPA 6020A (ICPMS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051247 - EPA 3051A							**Soil**					
Duplicate (9051247-DUP1)			Prepared: 05/24/19 08:29 Analyzed: 05/24/19 23:29									
QC Source Sample: HA-1(15-15.5) (A9E0515-06)												
Mercury	ND	---	0.102	mg/kg dry	10	---	ND	---	---	---	40%	
Selenium	ND	---	1.27	mg/kg dry	10	---	ND	---	---	---	40%	
Silver	ND	---	0.255	mg/kg dry	10	---	ND	---	---	---	40%	
Duplicate (9051247-DUP2)			Prepared: 05/24/19 08:29 Analyzed: 05/28/19 18:39									
QC Source Sample: HA-1(15-15.5) (A9E0515-06RE1)												
EPA 6020A												
Arsenic	**5.39**	---	1.27	mg/kg dry	10	---	6.21	---	---	14	40%	Q-16
Chromium	**14.8**	---	1.27	mg/kg dry	10	---	17.3	---	---	15	40%	Q-16
Matrix Spike (9051247-MS1)			Prepared: 05/24/19 08:29 Analyzed: 05/24/19 23:33									
QC Source Sample: HA-1(15-15.5) (A9E0515-06)												
EPA 6020A												
Barium	222	---	1.31	mg/kg dry	10	65.6	153	105	75-125%	---	---	
Cadmium	66.0	---	0.262	mg/kg dry	10	65.6	0.612	100	75-125%	---	---	
Lead	70.4	---	0.262	mg/kg dry	10	65.6	9.54	93	75-125%	---	---	
Mercury	1.26	---	0.105	mg/kg dry	10	1.31	ND	96	75-125%	---	---	
Selenium	30.8	---	1.31	mg/kg dry	10	32.8	ND	94	75-125%	---	---	
Silver	31.5	---	0.262	mg/kg dry	10	32.8	ND	96	75-125%	---	---	
Matrix Spike (9051247-MS2)			Prepared: 05/24/19 08:29 Analyzed: 05/25/19 00:23									
QC Source Sample: Non-SDG (A9E0749-07)												
EPA 6020A												
Arsenic	84.3	---	1.61	mg/kg dry	10	80.3	8.40	94	75-125%	---	---	
Barium	144	---	1.61	mg/kg dry	10	80.3	60.5	104	75-125%	---	---	
Cadmium	78.3	---	0.321	mg/kg dry	10	80.3	ND	97	75-125%	---	---	
Chromium	108	---	1.61	mg/kg dry	10	80.3	30.4	97	75-125%	---	---	
Lead	92.9	---	0.321	mg/kg dry	10	80.3	18.5	93	75-125%	---	---	
Mercury	1.60	---	0.129	mg/kg dry	10	1.61	0.0853	94	75-125%	---	---	
Selenium	37.4	---	1.61	mg/kg dry	10	40.2	1.36	90	75-125%	---	---	
Silver	37.7	---	0.321	mg/kg dry	10	40.2	ND	94	75-125%	---	---	

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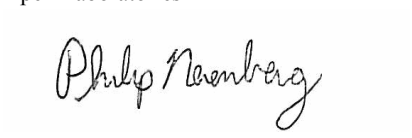

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9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0515 - 05 31 19 1718**

QUALITY CONTROL (QC) SAMPLE RESULTS

Total Metals by EPA 6020A (ICPMS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051247 - EPA 3051A							**Soil**					
Matrix Spike (9051247-MS3)			Prepared: 05/24/19 08:29		Analyzed: 05/28/19 18:44							
QC Source Sample: HA-1(15-15.5) (A9E0515-06RE1)												
EPA 6020A												
Arsenic	81.0	---	1.31	mg/kg dry	10	65.6	6.21	114	75-125%	---	---	Q-16
Chromium	92.7	---	1.31	mg/kg dry	10	65.6	17.3	115	75-125%	---	---	Q-16

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QUALITY CONTROL (QC) SAMPLE RESULTS

Percent Dry Weight

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051028 - Total Solids (Dry Weight)							**Soil**					
Duplicate (9051028-DUP1)			Prepared: 05/20/19 08:24			Analyzed: 05/21/19 08:51						
QC Source Sample: Non-SDG (A9E0235-03)												
% Solids	**97.4**	---	1.00	% by Weight	1	---	97.6	---	---	0.2	10%	
Duplicate (9051028-DUP2)			Prepared: 05/20/19 08:24			Analyzed: 05/21/19 08:51						
QC Source Sample: Non-SDG (A9E0575-02)												
% Solids	**80.8**	---	1.00	% by Weight	1	---	81.2	---	---	0.4	10%	
Duplicate (9051028-DUP3)			Prepared: 05/20/19 08:24			Analyzed: 05/21/19 08:51						
QC Source Sample: Non-SDG (A9E0586-02)												
% Solids	**77.9**	---	1.00	% by Weight	1	---	79.3	---	---	2	10%	
Duplicate (9051028-DUP4)			Prepared: 05/20/19 08:24			Analyzed: 05/21/19 08:51						
QC Source Sample: Non-SDG (A9E0586-12)												
% Solids	**84.7**	---	1.00	% by Weight	1	---	84.8	---	---	0.1	10%	
Duplicate (9051028-DUP5)			Prepared: 05/20/19 08:24			Analyzed: 05/21/19 08:51						
QC Source Sample: Non-SDG (A9E0607-05)												
% Solids	**88.2**	---	1.00	% by Weight	1	---	88.4	---	---	0.2	10%	
Duplicate (9051028-DUP6)			Prepared: 05/20/19 08:24			Analyzed: 05/21/19 08:51						
QC Source Sample: Non-SDG (A9E0623-01)												
% Solids	**79.9**	---	1.00	% by Weight	1	---	80.1	---	---	0.2	10%	
Duplicate (9051028-DUP7)			Prepared: 05/20/19 19:34			Analyzed: 05/21/19 08:51						
QC Source Sample: Non-SDG (A9E0646-01)												
% Solids	**88.3**	---	1.00	% by Weight	1	---	88.5	---	---	0.3	10%	
Duplicate (9051028-DUP8)			Prepared: 05/20/19 19:34			Analyzed: 05/21/19 08:51						
QC Source Sample: Non-SDG (A9E0652-05)												
% Solids	**67.9**	---	1.00	% by Weight	1	---	67.4	---	---	0.7	10%	

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QUALITY CONTROL (QC) SAMPLE RESULTS

Percent Dry Weight

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9051028 - Total Solids (Dry Weight)							**Soil**					
Duplicate (9051028-DUP9)			Prepared: 05/20/19 19:34		Analyzed: 05/21/19 08:51							
QC Source Sample: Non-SDG (A9E0656-02)												
% Solids	**78.7**	---	1.00	% by Weight	1	---	78.0	---	---	0.9	10%	

No Client related Batch QC samples analyzed for this batch. See notes page for more information.

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SAMPLE PREPARATION INFORMATION

Hydrocarbon Identification Screen by NWTPH-HCID

Prep: NWTPH-HCID (Soil)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 9051061							
A9E0515-06	Soil	NWTPH-HCID	05/15/19 13:15	05/20/19 14:50	10.6g/10mL	10g/10mL	0.94

Volatile Organic Compounds by EPA 5035A/8260C

Prep: EPA 5035A

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 9051092							
A9E0515-01	Soil	5035A/8260C	05/15/19 10:30	05/15/19 10:30	5.17g/5mL	5g/5mL	0.97
A9E0515-05	Soil	5035A/8260C	05/15/19 12:45	05/15/19 12:45	5.49g/5mL	5g/5mL	0.91
A9E0515-06	Soil	5035A/8260C	05/15/19 13:15	05/15/19 13:15	5.09g/5mL	5g/5mL	0.98
A9E0515-07	Soil	5035A/8260C	05/15/19 14:15	05/15/19 14:15	4.77g/5mL	5g/5mL	1.05

Polychlorinated Biphenyls by EPA 8082A

Prep: EPA 3546

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 9051199							
A9E0515-01	Soil	EPA 8082A	05/15/19 10:30	05/23/19 10:23	10.16g/5mL	10g/5mL	0.98
A9E0515-05	Soil	EPA 8082A	05/15/19 12:45	05/23/19 10:23	10.03g/5mL	10g/5mL	1.00
A9E0515-06	Soil	EPA 8082A	05/15/19 13:15	05/23/19 10:23	10.11g/5mL	10g/5mL	0.99
A9E0515-07	Soil	EPA 8082A	05/15/19 14:15	05/23/19 10:23	10.24g/5mL	10g/5mL	0.98

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Prep: EPA 3546

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 9051116							
A9E0515-01	Soil	EPA 8270D (SIM)	05/15/19 10:30	05/21/19 14:46	11.82g/5mL	10g/5mL	0.85
A9E0515-05	Soil	EPA 8270D (SIM)	05/15/19 12:45	05/21/19 14:46	10.52g/5mL	10g/5mL	0.95
A9E0515-06	Soil	EPA 8270D (SIM)	05/15/19 13:15	05/21/19 14:46	11.59g/5mL	10g/5mL	0.86
A9E0515-07	Soil	EPA 8270D (SIM)	05/15/19 14:15	05/21/19 14:46	10.48g/5mL	10g/5mL	0.95

Total Metals by EPA 6020A (ICPMS)

Prep: EPA 3051A

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor

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SAMPLE PREPARATION INFORMATION

Total Metals by EPA 6020A (ICPMS)

Prep: EPA 3051A

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 9051247							
A9E0515-01	Soil	EPA 6020A	05/15/19 10:30	05/24/19 08:29	0.474g/50mL	0.5g/50mL	1.05
A9E0515-01RE1	Soil	EPA 6020A	05/15/19 10:30	05/24/19 08:29	0.474g/50mL	0.5g/50mL	1.05
A9E0515-05	Soil	EPA 6020A	05/15/19 12:45	05/24/19 08:29	0.49g/50mL	0.5g/50mL	1.02
A9E0515-05RE1	Soil	EPA 6020A	05/15/19 12:45	05/24/19 08:29	0.49g/50mL	0.5g/50mL	1.02
A9E0515-06	Soil	EPA 6020A	05/15/19 13:15	05/24/19 08:29	0.454g/50mL	0.5g/50mL	1.10
A9E0515-06RE1	Soil	EPA 6020A	05/15/19 13:15	05/24/19 08:29	0.454g/50mL	0.5g/50mL	1.10
A9E0515-07	Soil	EPA 6020A	05/15/19 14:15	05/24/19 08:29	0.46g/50mL	0.5g/50mL	1.09
A9E0515-07RE1	Soil	EPA 6020A	05/15/19 14:15	05/24/19 08:29	0.46g/50mL	0.5g/50mL	1.09

Percent Dry Weight

Prep: Total Solids (Dry Weight)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 9051028							
A9E0515-01	Soil	EPA 8000C	05/15/19 10:30	05/20/19 08:24			NA
A9E0515-05	Soil	EPA 8000C	05/15/19 12:45	05/20/19 08:24			NA
A9E0515-06	Soil	EPA 8000C	05/15/19 13:15	05/20/19 08:24			NA
A9E0515-07	Soil	EPA 8000C	05/15/19 14:15	05/20/19 08:24			NA

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QUALIFIER DEFINITIONS

Client Sample and Quality Control (QC) Sample Qualifier Definitions:

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C-07	Extract has undergone Sulfuric Acid Cleanup by EPA 3665A, Sulfur Cleanup by EPA 3660B, and Florisil Cleanup by EPA 3620B in order to minimize matrix interference.
M-05	Estimated results. Peak separation for structural isomers is insufficient for accurate quantification.
Q-16	Reanalysis of an original Batch QC sample.
Q-54	Daily Continuing Calibration Verification recovery for this analyte failed the +/-20% criteria listed in EPA method 8260C/8270D by +1.9%. The results are reported as Estimated Values.
Q-54a	Daily Continuing Calibration Verification recovery for this analyte failed the +/-20% criteria listed in EPA method 8260C/8270D by +2.9%. The results are reported as Estimated Values.
Q-54b	Daily Continuing Calibration Verification recovery for this analyte failed the +/-20% criteria listed in EPA method 8260C/8270D by +5.1%. The results are reported as Estimated Values.
Q-54c	Daily Continuing Calibration Verification recovery for this analyte failed the +/-20% criteria listed in EPA method 8260C/8270D by +9.2%. The results are reported as Estimated Values.
Q-54d	Daily Continuing Calibration Verification recovery for this analyte failed the +/-20% criteria listed in EPA method 8260C/8270D by -8.5%. The results are reported as Estimated Values.
Q-55	Daily CCV/LCS recovery for this analyte was below the +/-20% criteria listed in EPA 8260C, however there is adequate sensitivity to ensure detection at the reporting level.
Q-56	Daily CCV/LCS recovery for this analyte was above the +/-20% criteria listed in EPA 8260C
R-02	The Reporting Limit for this analyte has been raised to account for interference from coeluting organic compounds present in the sample.

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REPORTING NOTES AND CONVENTIONS:

Abbreviations:

DET Analyte DETECTED at or above the detection or reporting limit.

ND Analyte NOT DETECTED at or above the detection or reporting limit.

NR Result Not Reported

RPD Relative Percent Difference. RPDs for Matrix Spikes and Matrix Spike Duplicates are based on concentration, not recovery.

Detection Limits: Limit of Detection (LOD)

Limits of Detection (LODs) are normally set at a level of one half the validated Limit of Quantitation (LOQ).
If no value is listed ('-----'), then the data has not been evaluated below the Reporting Limit.

Reporting Limits: Limit of Quantitation (LOQ)

Validated Limits of Quantitation (LOQs) are reported as the Reporting Limits for all analyses where the LOQ, MRL, PQL or CRL are requested. The LOQ represents a level at or above the low point of the calibration curve, that has been validated according to Apex Laboratories' comprehensive LOQ policies and procedures.

Reporting Conventions:

Basis: Results for soil samples are generally reported on a 100% dry weight basis.
The Result Basis is listed following the units as " dry", " wet", or " " (blank) designation.

" dry" Sample results and Reporting Limits are reported on a dry weight basis. (i.e. "ug/kg dry")
See Percent Solids section for details of dry weight analysis.

" wet" Sample results and Reporting Limits for this analysis are normally dry weight corrected, but have not been modified in this case.

" " Results without 'wet' or 'dry' designation are not normally dry weight corrected. These results are considered 'As Received'.

QC Source:

In cases where there is insufficient sample provided for Sample Duplicates and/or Matrix Spikes, a Lab Control Sample Duplicate (LCS Dup) may be analyzed to demonstrate accuracy and precision of the extraction batch.

Non-Client Batch QC Samples (Duplicates and Matrix Spike/Duplicates) may not be included in this report. Please request a Full QC report if this data is required.

Miscellaneous Notes:

" --- " QC results are not applicable. For example, % Recoveries for Blanks and Duplicates, % RPD for Blanks, Blank Spikes and Matrix Spikes, etc.

" *** " Used to indicate a possible discrepancy with the Sample and Sample Duplicate results when the %RPD is not available. In this case, either the Sample or the Sample Duplicate has a reportable result for this analyte, while the other is Non Detect (ND).

Blanks:

Standard practice is to evaluate the results from Blank QC Samples down to a level equal to ½ the Reporting Limit (RL).
-For Blank hits falling between ½ the RL and the RL (J flagged hits), the associated sample and QC data will receive a 'B-02' qualifier.
-For Blank hits above the RL, the associated sample and QC data will receive a 'B' qualifier, per Apex Laboratories' Blank Policy.
For further details, please request a copy of this document.

Apex Laboratories

Philip Nerenberg, Lab Director

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0515 - 05 31 19 1718**

REPORTING NOTES AND CONVENTIONS (Cont.):

Blanks (Cont.):

Sample results flagged with a 'B' or 'B-02' qualifier are potentially biased high if the sample results are less than ten times the level found in the blank for inorganic analyses, or less than five times the level found in the blank for organic analyses.

'B' and 'B-02' qualifications are only applied to sample results detected above the Reporting Level.

Preparation Notes:

Mixed Matrix Samples:

Water Samples:

Water samples containing significant amounts of sediment are decanted or separated prior to extraction, and only the water portion analyzed, unless otherwise directed by the client.

Soil and Sediment Samples:

Soil and Sediment samples containing significant amounts of water are decanted prior to extraction, and only the solid portion analyzed, unless otherwise directed by the client.

Sampling and Preservation Notes:

Certain regulatory programs, such as National Pollutant Discharge Elimination System (NPDES), require that activities such as sample filtration (for dissolved metals, orthophosphate, hexavalent chromium, etc.) and testing of short hold analytes (pH, Dissolved Oxygen, etc.) be performed in the field (on-site) within a short time window. In addition, sample matrix spikes are required for some analyses, and sufficient volume must be provided, and billable site specific QC requested, if this is required. All regulatory permits should be reviewed to ensure that these requirements are being met.

Data users should be aware of which regulations pertain to the samples they submit for testing. If related sample collection activities are not approved for a particular regulatory program, results should be considered estimates. Apex Laboratories will qualify these analytes according to the most stringent requirements, however results for samples that are for non-regulatory purposes may be acceptable.

Samples that have been filtered and preserved at Apex Laboratories per client request are listed in the preparation section of the report with the date and time of filtration listed.

Apex Laboratories maintains detailed records on sample receipt, including client label verification, cooler temperature, sample preservation, hold time compliance and field filtration. Data is qualified as necessary, and the lack of qualification indicates compliance with required parameters.

Apex Laboratories

Philip Nerenberg, Lab Director

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Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0515 - 05 31 19 1718**

LABORATORY ACCREDITATION INFORMATION

TNI Certification ID: OR100062 (Primary Accreditation) - EPA ID: OR01039

All methods and analytes reported from work performed at Apex Laboratories are included on Apex Laboratories' ORELAP Scope of Certification, with the exception of any analyte(s) listed below:

Apex Laboratories

Matrix	Analysis	TNI_ID	Analyte	TNI_ID	Accreditation

All reported analytes are included in Apex Laboratories' current ORELAP scope.

Secondary Accreditations

Apex Laboratories also maintains reciprocal accreditation with non-TNI states (Washington DOE), as well as other state specific accreditations not listed here.

Subcontract Laboratory Accreditations

Subcontracted data falls outside of Apex Laboratories' Scope of Accreditation.
Please see the Subcontract Laboratory report for full details, or contact your Project Manager for more information.

Field Testing Parameters

Results for Field Tested data are provded by the client or sampler, and fall outside of Apex Laboratories' Scope of Accreditation.

Apex Laboratories

Philip Nerenberg, Lab Director

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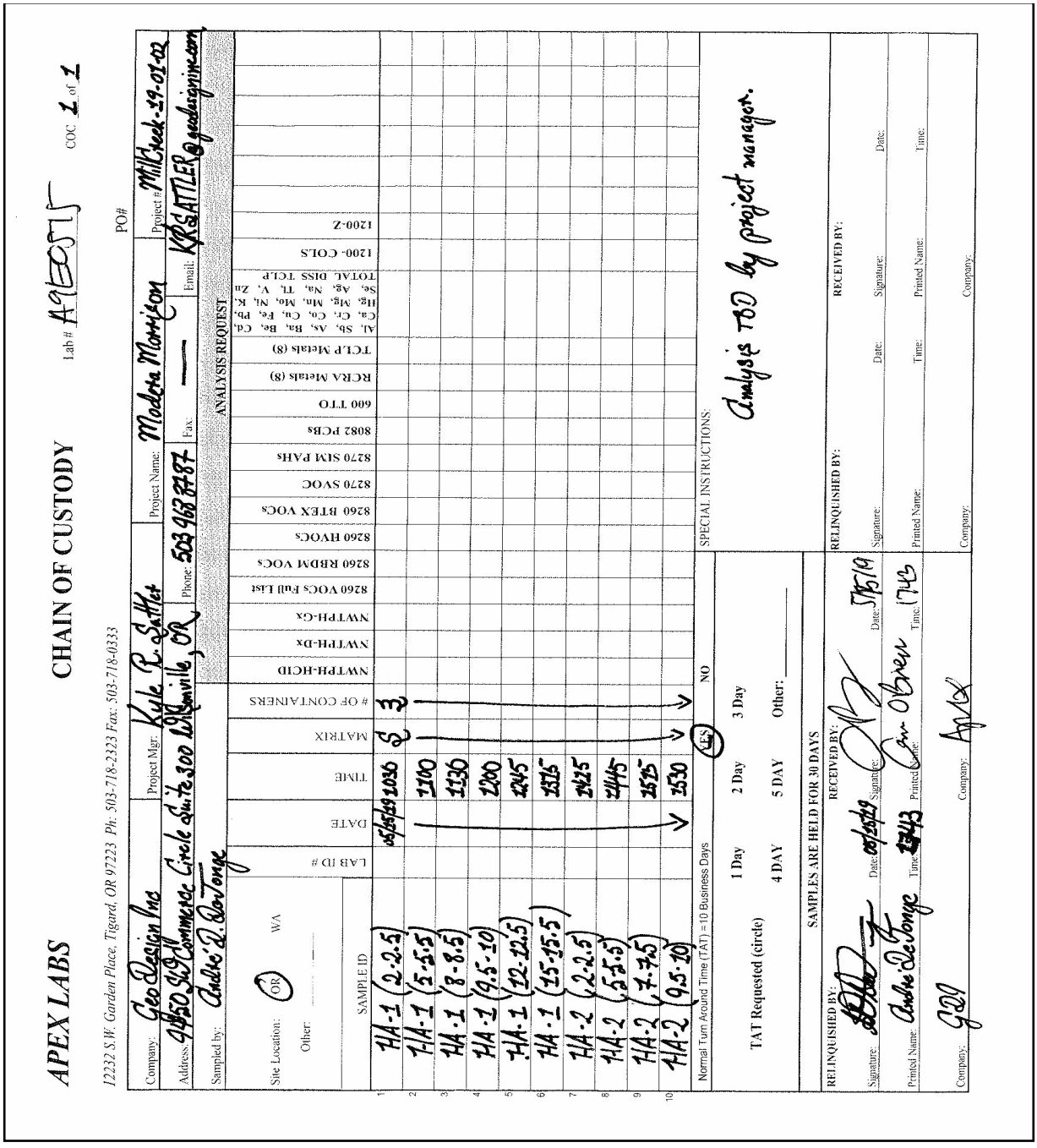

APEX LABS

CHAIN OF CUSTODY

Lab # A9E0515 COC 1 of 1

12232 S.W. Garden Place, Tigard, OR 97223 Ph: 503-718-2323 Fax: 503-718-0333

Company: GeoDesign Inc | Project Mgr: Kyle D. Sattler | Project Name: Modera Morrison | Project #: Millcreek-19-01-02

Address: 9450 SW Commerce Circle Ste 300 Wilsonville, OR | Phone: 503 963 7737 | Fax: — | Email: KRSATTLER@geodesigninc.com

Sampled by: Andre' DeJonge | PO#

Site Location: (OR) WA | Other: ____

ANALYSIS REQUEST

#	SAMPLE ID	LAB ID #	DATE	TIME	MATRIX	# OF CONTAINERS	NWTPH-HCID	NWTPH-Dx	NWTPH-Gx	8260 VOCs Full List	8260 RBDM VOCs	8260 HVOCs	8260 BTEX VOCs	8270 SVOC	8270 SIM PAHs	8082 PCBs	600 TTO	RCRA Metals (8)	TCLP Metals (8)	Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Hg, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Tl, V, Zn TOTAL DISS TCLP	1200- COLS	1200-Z
1	HA-1 (2-2.5)		05/29/19	1030	S	3																
2	HA-1 (5-5.5)			1100																		
3	HA-1 (8-8.5)			1130																		
4	HA-1 (9.5-10)			1200																		
5	HA-1 (12-12.5)			1245																		
6	HA-1 (15-15.5)			1315																		
7	HA-2 (2-2.5)			1425																		
8	HA-2 (5-5.5)			1445																		
9	HA-2 (7-7.5)			1525																		
10	HA-2 (9.5-10)			1530																		

Normal Turn Around Time (TAT) = 10 Business Days (YES) NO

SPECIAL INSTRUCTIONS: Analysis TBD by project manager.

TAT Requested (circle): 1 Day 2 Day 3 Day 4 DAY 5 DAY Other: ____

SAMPLES ARE HELD FOR 30 DAYS

RELINQUISHED BY:	RECEIVED BY:	RELINQUISHED BY:	RECEIVED BY:
Signature:	Signature:	Signature:	Signature:
Date: 05/29/19	Date: 5/30/19	Date:	Date:
Printed Name: Andre DeJonge	Printed Name: Jan O'Brien	Printed Name:	Printed Name:
Time: 1743	Time: 1743	Time:	Time:
Company: GDI	Company: Apex	Company:	Company:

Apex Laboratories

Philip Nerenberg

Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Modera Morrison**	
9450 SW Commerce Circle	Project Number: **Millcreek-19-01-02**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9E0515 - 05 31 19 1718**

APEX LABS COOLER RECEIPT FORM

Client: GeoDesign Element WO#: A9 E0515

Project/Project #: Modera Morrison / Mill Creek-19-01-02

Delivery Info:

Date/time received: 5/15/19 @ 1743 By: OB

Delivered by: Apex ___ Client ___ ESS ___ FedEx ___ UPS ___ Swift ___ Senvoy ___ SDS ___ Other ___

Cooler Inspection Date/time inspected: 5/15/19 @ 1745 By: OB

Chain of Custody included? Yes Y No ___ Custody seals? Yes ___ No X

Signed/dated by client? Yes Y No ___

Signed/dated by Apex? Yes Y No ___

	Cooler #1	Cooler #2	Cooler #3	Cooler #4	Cooler #5	Cooler #6	Cooler #7
Temperature (°C)	1.0						
Received on ice? (Y/N)	Y						
Temp. blanks? (Y/N)	Y						
Ice type: (Gel/Real/Other)	Real						
Condition:	Good						

Cooler out of temp? (Y/N) Possible reason why: ___

If some coolers are in temp and some out, were green dots applied to out of temperature samples? Yes/No/NA

Out of temperature samples form initiated? Yes/No/NA

Samples Inspection: Date/time inspected: 5/15/19 @ 1920 By: OB

All samples intact? Yes X No ___ Comments: ___

Bottle labels/COCs agree? Yes X No ___ Comments: ___

COC/container discrepancies form initiated? Yes ___ No ___ NA X

Containers/volumes received appropriate for analysis? Yes X No ___ Comments: ___

Do VOA vials have visible headspace? Yes ___ No ___ NA X

Comments ___

Water samples: pH checked: Yes ___ No ___ NA X pH appropriate? Yes ___ No ___ NA X

Comments: ___

Additional information: ___

Labeled by: OB Witness: AW Cooler Inspected by: OB See Project Contact Form: Y

Apex Laboratories

Philip Nerenberg

Philip Nerenberg, Lab Director

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Pace Analytical®
National Center for Testing & Innovation

ANALYTICAL REPORT

May 21, 2019

GeoDesign Inc. - Wilsonville, OR

Sample Delivery Group:	L1098623
Samples Received:	05/14/2019
Project Number:	MILLCREEK-19-01-02
Description:	

Report To: Kyle Sattler
9450 SW Commerce Circle
Ste. 300
Wilsonville, OR 97070

Entire Report Reviewed By:

Brian Ford
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace National is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.

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SG-1(15) L1098623-01 Air

Collected by: Kyle Haggart
Collected date/time: 05/11/19 15:22
Received date/time: 05/14/19 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG1283286	2	05/18/19 12:40	05/18/19 12:40	AMC	Mt. Juliet, TN

SG-2(15) L1098623-02 Air

Collected by: Kyle Haggart
Collected date/time: 05/11/19 16:23
Received date/time: 05/14/19 08:30

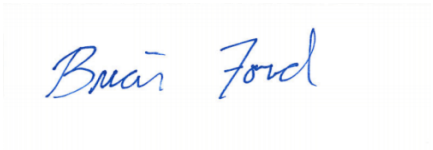
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG1283286	2	05/18/19 13:19	05/18/19 13:19	AMC	Mt. Juliet, TN

SV-1 L1098623-03 Air

Collected by: Kyle Haggart
Collected date/time: 05/11/19 08:10
Received date/time: 05/14/19 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG1283286	2	05/18/19 13:59	05/18/19 13:59	AMC	Mt. Juliet, TN

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Brian Ford
Project Manager

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	2.50	5.94	16.3	38.7		2	WG1283286
Allyl chloride	107-05-1	76.53	0.400	1.25	ND	ND		2	WG1283286
Benzene	71-43-2	78.10	0.400	1.28	1.54	4.91		2	WG1283286
Benzyl Chloride	100-44-7	127	0.400	2.08	ND	ND		2	WG1283286
Bromodichloromethane	75-27-4	164	0.400	2.68	ND	ND		2	WG1283286
Bromoform	75-25-2	253	1.20	12.4	ND	ND		2	WG1283286
Bromomethane	74-83-9	94.90	0.400	1.55	ND	ND		2	WG1283286
1,3-Butadiene	106-99-0	54.10	4.00	8.85	ND	ND		2	WG1283286
Carbon disulfide	75-15-0	76.10	0.400	1.24	1.21	3.78		2	WG1283286
Carbon tetrachloride	56-23-5	154	0.400	2.52	ND	ND		2	WG1283286
Chlorobenzene	108-90-7	113	0.400	1.85	ND	ND		2	WG1283286
Chloroethane	75-00-3	64.50	0.400	1.06	ND	ND		2	WG1283286
Chloroform	67-66-3	119	0.400	1.95	ND	ND		2	WG1283286
Chloromethane	74-87-3	50.50	0.400	0.826	4.90	10.1		2	WG1283286
2-Chlorotoluene	95-49-8	126	0.400	2.06	ND	ND		2	WG1283286
Cyclohexane	110-82-7	84.20	0.400	1.38	ND	ND		2	WG1283286
Dibromochloromethane	124-48-1	208	0.400	3.40	ND	ND		2	WG1283286
1,2-Dibromoethane	106-93-4	188	0.400	3.08	ND	ND		2	WG1283286
1,2-Dichlorobenzene	95-50-1	147	0.400	2.40	ND	ND		2	WG1283286
1,3-Dichlorobenzene	541-73-1	147	0.400	2.40	ND	ND		2	WG1283286
1,4-Dichlorobenzene	106-46-7	147	0.400	2.40	ND	ND		2	WG1283286
1,2-Dichloroethane	107-06-2	99	0.400	1.62	ND	ND		2	WG1283286
1,1-Dichloroethane	75-34-3	98	0.400	1.60	ND	ND		2	WG1283286
1,1-Dichloroethene	75-35-4	96.90	0.400	1.59	ND	ND		2	WG1283286
cis-1,2-Dichloroethene	156-59-2	96.90	0.400	1.59	ND	ND		2	WG1283286
trans-1,2-Dichloroethene	156-60-5	96.90	0.400	1.59	ND	ND		2	WG1283286
1,2-Dichloropropane	78-87-5	113	0.400	1.85	ND	ND		2	WG1283286
cis-1,3-Dichloropropene	10061-01-5	111	0.400	1.82	ND	ND		2	WG1283286
trans-1,3-Dichloropropene	10061-02-6	111	0.400	1.82	ND	ND		2	WG1283286
1,4-Dioxane	123-91-1	88.10	0.400	1.44	ND	ND		2	WG1283286
Ethanol	64-17-5	46.10	1.26	2.38	17.5	33.1		2	WG1283286
Ethylbenzene	100-41-4	106	0.400	1.73	ND	ND		2	WG1283286
4-Ethyltoluene	622-96-8	120	0.400	1.96	ND	ND		2	WG1283286
Trichlorofluoromethane	75-69-4	137.40	0.400	2.25	ND	ND		2	WG1283286
Dichlorodifluoromethane	75-71-8	120.92	0.400	1.98	0.726	3.59		2	WG1283286
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.400	3.07	ND	ND		2	WG1283286
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.400	2.80	ND	ND		2	WG1283286
Heptane	142-82-5	100	0.400	1.64	ND	ND		2	WG1283286
Hexachloro-1,3-butadiene	87-68-3	261	1.26	13.5	ND	ND		2	WG1283286
n-Hexane	110-54-3	86.20	0.400	1.41	0.808	2.85		2	WG1283286
Isopropylbenzene	98-82-8	120.20	0.400	1.97	ND	ND		2	WG1283286
Methylene Chloride	75-09-2	84.90	0.400	1.39	1.50	5.22		2	WG1283286
Methyl Butyl Ketone	591-78-6	100	2.50	10.2	ND	ND		2	WG1283286
2-Butanone (MEK)	78-93-3	72.10	2.50	7.37	ND	ND		2	WG1283286
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	2.50	10.2	ND	ND		2	WG1283286
Methyl methacrylate	80-62-6	100.12	0.400	1.64	ND	ND		2	WG1283286
MTBE	1634-04-4	88.10	0.400	1.44	ND	ND		2	WG1283286
Naphthalene	91-20-3	128	1.26	6.60	ND	ND		2	WG1283286
2-Propanol	67-63-0	60.10	2.50	6.15	3.76	9.25		2	WG1283286
Propene	115-07-1	42.10	0.800	1.38	27.2	46.9		2	WG1283286
Styrene	100-42-5	104	0.400	1.70	ND	ND		2	WG1283286
1,1,2,2-Tetrachloroethane	79-34-5	168	0.400	2.75	ND	ND		2	WG1283286
Tetrachloroethylene	127-18-4	166	0.400	2.72	2.40	16.3		2	WG1283286
Tetrahydrofuran	109-99-9	72.10	0.400	1.18	ND	ND		2	WG1283286
Toluene	108-88-3	92.10	0.400	1.51	1.37	5.16		2	WG1283286
1,2,4-Trichlorobenzene	120-82-1	181	1.26	9.33	ND	ND		2	WG1283286

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.400	2.18	ND	ND		2	WG1283286
1,1,2-Trichloroethane	79-00-5	133	0.400	2.18	ND	ND		2	WG1283286
Trichloroethylene	79-01-6	131	0.400	2.14	ND	ND		2	WG1283286
1,2,4-Trimethylbenzene	95-63-6	120	0.400	1.96	ND	ND		2	WG1283286
1,3,5-Trimethylbenzene	108-67-8	120	0.400	1.96	ND	ND		2	WG1283286
2,2,4-Trimethylpentane	540-84-1	114.22	0.400	1.87	ND	ND		2	WG1283286
Vinyl chloride	75-01-4	62.50	0.400	1.02	ND	ND		2	WG1283286
Vinyl Bromide	593-60-2	106.95	0.400	1.75	ND	ND		2	WG1283286
Vinyl acetate	108-05-4	86.10	0.400	1.41	ND	ND		2	WG1283286
m&p-Xylene	1330-20-7	106	0.800	3.47	ND	ND		2	WG1283286
o-Xylene	95-47-6	106	0.400	1.73	ND	ND		2	WG1283286
TPH (GC/MS) Low Fraction	8006-61-9	101	100	413	ND	ND		2	WG1283286
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*98.8*				WG1283286

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	2.50	5.94	25.6	60.8		2	WG1283286
Allyl chloride	107-05-1	76.53	0.400	1.25	ND	ND		2	WG1283286
Benzene	71-43-2	78.10	0.400	1.28	2.63	8.40		2	WG1283286
Benzyl Chloride	100-44-7	127	0.400	2.08	ND	ND		2	WG1283286
Bromodichloromethane	75-27-4	164	0.400	2.68	ND	ND		2	WG1283286
Bromoform	75-25-2	253	1.20	12.4	ND	ND		2	WG1283286
Bromomethane	74-83-9	94.90	0.400	1.55	ND	ND		2	WG1283286
1,3-Butadiene	106-99-0	54.10	4.00	8.85	ND	ND		2	WG1283286
Carbon disulfide	75-15-0	76.10	0.400	1.24	1.06	3.29		2	WG1283286
Carbon tetrachloride	56-23-5	154	0.400	2.52	ND	ND		2	WG1283286
Chlorobenzene	108-90-7	113	0.400	1.85	ND	ND		2	WG1283286
Chloroethane	75-00-3	64.50	0.400	1.06	ND	ND		2	WG1283286
Chloroform	67-66-3	119	0.400	1.95	ND	ND		2	WG1283286
Chloromethane	74-87-3	50.50	0.400	0.826	1.35	2.79		2	WG1283286
2-Chlorotoluene	95-49-8	126	0.400	2.06	ND	ND		2	WG1283286
Cyclohexane	110-82-7	84.20	0.400	1.38	2.10	7.24		2	WG1283286
Dibromochloromethane	124-48-1	208	0.400	3.40	ND	ND		2	WG1283286
1,2-Dibromoethane	106-93-4	188	0.400	3.08	ND	ND		2	WG1283286
1,2-Dichlorobenzene	95-50-1	147	0.400	2.40	ND	ND		2	WG1283286
1,3-Dichlorobenzene	541-73-1	147	0.400	2.40	ND	ND		2	WG1283286
1,4-Dichlorobenzene	106-46-7	147	0.400	2.40	ND	ND		2	WG1283286
1,2-Dichloroethane	107-06-2	99	0.400	1.62	ND	ND		2	WG1283286
1,1-Dichloroethane	75-34-3	98	0.400	1.60	ND	ND		2	WG1283286
1,1-Dichloroethene	75-35-4	96.90	0.400	1.59	ND	ND		2	WG1283286
cis-1,2-Dichloroethene	156-59-2	96.90	0.400	1.59	ND	ND		2	WG1283286
trans-1,2-Dichloroethene	156-60-5	96.90	0.400	1.59	ND	ND		2	WG1283286
1,2-Dichloropropane	78-87-5	113	0.400	1.85	ND	ND		2	WG1283286
cis-1,3-Dichloropropene	10061-01-5	111	0.400	1.82	ND	ND		2	WG1283286
trans-1,3-Dichloropropene	10061-02-6	111	0.400	1.82	ND	ND		2	WG1283286
1,4-Dioxane	123-91-1	88.10	0.400	1.44	ND	ND		2	WG1283286
Ethanol	64-17-5	46.10	1.26	2.38	31.3	59.0		2	WG1283286
Ethylbenzene	100-41-4	106	0.400	1.73	ND	ND		2	WG1283286
4-Ethyltoluene	622-96-8	120	0.400	1.96	ND	ND		2	WG1283286
Trichlorofluoromethane	75-69-4	137.40	0.400	2.25	ND	ND		2	WG1283286
Dichlorodifluoromethane	75-71-8	120.92	0.400	1.98	0.853	4.22		2	WG1283286
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.400	3.07	ND	ND		2	WG1283286
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.400	2.80	ND	ND		2	WG1283286
Heptane	142-82-5	100	0.400	1.64	1.35	5.53		2	WG1283286
Hexachloro-1,3-butadiene	87-68-3	261	1.26	13.5	ND	ND		2	WG1283286
n-Hexane	110-54-3	86.20	0.400	1.41	7.48	26.4		2	WG1283286
Isopropylbenzene	98-82-8	120.20	0.400	1.97	ND	ND		2	WG1283286
Methylene Chloride	75-09-2	84.90	0.400	1.39	0.814	2.83		2	WG1283286
Methyl Butyl Ketone	591-78-6	100	2.50	10.2	ND	ND		2	WG1283286
2-Butanone (MEK)	78-93-3	72.10	2.50	7.37	ND	ND		2	WG1283286
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	2.50	10.2	ND	ND		2	WG1283286
Methyl methacrylate	80-62-6	100.12	0.400	1.64	ND	ND		2	WG1283286
MTBE	1634-04-4	88.10	0.400	1.44	ND	ND		2	WG1283286
Naphthalene	91-20-3	128	1.26	6.60	ND	ND		2	WG1283286
2-Propanol	67-63-0	60.10	2.50	6.15	16.9	41.6		2	WG1283286
Propene	115-07-1	42.10	0.800	1.38	ND	ND		2	WG1283286
Styrene	100-42-5	104	0.400	1.70	0.444	1.89		2	WG1283286
1,1,2,2-Tetrachloroethane	79-34-5	168	0.400	2.75	ND	ND		2	WG1283286
Tetrachloroethylene	127-18-4	166	0.400	2.72	4.62	31.4		2	WG1283286
Tetrahydrofuran	109-99-9	72.10	0.400	1.18	ND	ND		2	WG1283286
Toluene	108-88-3	92.10	0.400	1.51	2.09	7.87		2	WG1283286
1,2,4-Trichlorobenzene	120-82-1	181	1.26	9.33	ND	ND		2	WG1283286

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.400	2.18	ND	ND		2	WG1283286
1,1,2-Trichloroethane	79-00-5	133	0.400	2.18	ND	ND		2	WG1283286
Trichloroethylene	79-01-6	131	0.400	2.14	ND	ND		2	WG1283286
1,2,4-Trimethylbenzene	95-63-6	120	0.400	1.96	ND	ND		2	WG1283286
1,3,5-Trimethylbenzene	108-67-8	120	0.400	1.96	ND	ND		2	WG1283286
2,2,4-Trimethylpentane	540-84-1	114.22	0.400	1.87	ND	ND		2	WG1283286
Vinyl chloride	75-01-4	62.50	0.400	1.02	ND	ND		2	WG1283286
Vinyl Bromide	593-60-2	106.95	0.400	1.75	ND	ND		2	WG1283286
Vinyl acetate	108-05-4	86.10	0.400	1.41	ND	ND		2	WG1283286
m&p-Xylene	1330-20-7	106	0.800	3.47	0.977	4.23		2	WG1283286
o-Xylene	95-47-6	106	0.400	1.73	0.402	1.74		2	WG1283286
TPH (GC/MS) Low Fraction	8006-61-9	101	100	413	110	454		2	WG1283286
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*100*				WG1283286

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	2.50	5.94	43.7	104		2	WG1283286
Allyl chloride	107-05-1	76.53	0.400	1.25	ND	ND		2	WG1283286
Benzene	71-43-2	78.10	0.400	1.28	ND	ND		2	WG1283286
Benzyl Chloride	100-44-7	127	0.400	2.08	ND	ND		2	WG1283286
Bromodichloromethane	75-27-4	164	0.400	2.68	ND	ND		2	WG1283286
Bromoform	75-25-2	253	1.20	12.4	ND	ND		2	WG1283286
Bromomethane	74-83-9	94.90	0.400	1.55	ND	ND		2	WG1283286
1,3-Butadiene	106-99-0	54.10	4.00	8.85	ND	ND		2	WG1283286
Carbon disulfide	75-15-0	76.10	0.400	1.24	ND	ND		2	WG1283286
Carbon tetrachloride	56-23-5	154	0.400	2.52	ND	ND		2	WG1283286
Chlorobenzene	108-90-7	113	0.400	1.85	ND	ND		2	WG1283286
Chloroethane	75-00-3	64.50	0.400	1.06	ND	ND		2	WG1283286
Chloroform	67-66-3	119	0.400	1.95	ND	ND		2	WG1283286
Chloromethane	74-87-3	50.50	0.400	0.826	0.541	1.12		2	WG1283286
2-Chlorotoluene	95-49-8	126	0.400	2.06	ND	ND		2	WG1283286
Cyclohexane	110-82-7	84.20	0.400	1.38	ND	ND		2	WG1283286
Dibromochloromethane	124-48-1	208	0.400	3.40	ND	ND		2	WG1283286
1,2-Dibromoethane	106-93-4	188	0.400	3.08	ND	ND		2	WG1283286
1,2-Dichlorobenzene	95-50-1	147	0.400	2.40	ND	ND		2	WG1283286
1,3-Dichlorobenzene	541-73-1	147	0.400	2.40	ND	ND		2	WG1283286
1,4-Dichlorobenzene	106-46-7	147	0.400	2.40	ND	ND		2	WG1283286
1,2-Dichloroethane	107-06-2	99	0.400	1.62	ND	ND		2	WG1283286
1,1-Dichloroethane	75-34-3	98	0.400	1.60	ND	ND		2	WG1283286
1,1-Dichloroethene	75-35-4	96.90	0.400	1.59	ND	ND		2	WG1283286
cis-1,2-Dichloroethene	156-59-2	96.90	0.400	1.59	ND	ND		2	WG1283286
trans-1,2-Dichloroethene	156-60-5	96.90	0.400	1.59	ND	ND		2	WG1283286
1,2-Dichloropropane	78-87-5	113	0.400	1.85	ND	ND		2	WG1283286
cis-1,3-Dichloropropene	10061-01-5	111	0.400	1.82	ND	ND		2	WG1283286
trans-1,3-Dichloropropene	10061-02-6	111	0.400	1.82	ND	ND		2	WG1283286
1,4-Dioxane	123-91-1	88.10	0.400	1.44	ND	ND		2	WG1283286
Ethanol	64-17-5	46.10	1.26	2.38	18.7	35.2		2	WG1283286
Ethylbenzene	100-41-4	106	0.400	1.73	0.830	3.60		2	WG1283286
4-Ethyltoluene	622-96-8	120	0.400	1.96	0.565	2.77		2	WG1283286
Trichlorofluoromethane	75-69-4	137.40	0.400	2.25	ND	ND		2	WG1283286
Dichlorodifluoromethane	75-71-8	120.92	0.400	1.98	0.573	2.83		2	WG1283286
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.400	3.07	ND	ND		2	WG1283286
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.400	2.80	ND	ND		2	WG1283286
Heptane	142-82-5	100	0.400	1.64	ND	ND		2	WG1283286
Hexachloro-1,3-butadiene	87-68-3	261	1.26	13.5	ND	ND		2	WG1283286
n-Hexane	110-54-3	86.20	0.400	1.41	0.933	3.29		2	WG1283286
Isopropylbenzene	98-82-8	120.20	0.400	1.97	ND	ND		2	WG1283286
Methylene Chloride	75-09-2	84.90	0.400	1.39	0.687	2.38		2	WG1283286
Methyl Butyl Ketone	591-78-6	100	2.50	10.2	ND	ND		2	WG1283286
2-Butanone (MEK)	78-93-3	72.10	2.50	7.37	ND	ND		2	WG1283286
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	2.50	10.2	ND	ND		2	WG1283286
Methyl methacrylate	80-62-6	100.12	0.400	1.64	ND	ND		2	WG1283286
MTBE	1634-04-4	88.10	0.400	1.44	ND	ND		2	WG1283286
Naphthalene	91-20-3	128	1.26	6.60	ND	ND		2	WG1283286
2-Propanol	67-63-0	60.10	2.50	6.15	5.08	12.5		2	WG1283286
Propene	115-07-1	42.10	0.800	1.38	ND	ND		2	WG1283286
Styrene	100-42-5	104	0.400	1.70	ND	ND		2	WG1283286
1,1,2,2-Tetrachloroethane	79-34-5	168	0.400	2.75	ND	ND		2	WG1283286
Tetrachloroethylene	127-18-4	166	0.400	2.72	0.924	6.27		2	WG1283286
Tetrahydrofuran	109-99-9	72.10	0.400	1.18	0.926	2.73		2	WG1283286
Toluene	108-88-3	92.10	0.400	1.51	1.25	4.72		2	WG1283286
1,2,4-Trichlorobenzene	120-82-1	181	1.26	9.33	ND	ND		2	WG1283286

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.400	2.18	ND	ND		2	WG1283286
1,1,2-Trichloroethane	79-00-5	133	0.400	2.18	ND	ND		2	WG1283286
Trichloroethylene	79-01-6	131	0.400	2.14	ND	ND		2	WG1283286
1,2,4-Trimethylbenzene	95-63-6	120	0.400	1.96	3.58	17.6		2	WG1283286
1,3,5-Trimethylbenzene	108-67-8	120	0.400	1.96	1.02	4.99		2	WG1283286
2,2,4-Trimethylpentane	540-84-1	114.22	0.400	1.87	ND	ND		2	WG1283286
Vinyl chloride	75-01-4	62.50	0.400	1.02	ND	ND		2	WG1283286
Vinyl Bromide	593-60-2	106.95	0.400	1.75	ND	ND		2	WG1283286
Vinyl acetate	108-05-4	86.10	0.400	1.41	ND	ND		2	WG1283286
m&p-Xylene	1330-20-7	106	0.800	3.47	4.04	17.5		2	WG1283286
o-Xylene	95-47-6	106	0.400	1.73	1.35	5.84		2	WG1283286
TPH (GC/MS) Low Fraction	8006-61-9	101	100	413	ND	ND		2	WG1283286
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*98.1*				WG1283286

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Method Blank (MB)

(MB) R3412614-3 05/18/19 09:55

Analyte	MB Result ppbv	MB Qualifier	MB MDL ppbv	MB RDL ppbv
Acetone	U		0.0569	1.25
Allyl Chloride	U		0.0546	0.200
Benzene	U		0.0460	0.200
Benzyl Chloride	U		0.0598	0.200
Bromodichloromethane	U		0.0436	0.200
Bromoform	U		0.0786	0.600
Bromomethane	U		0.0609	0.200
1,3-Butadiene	U		0.0563	2.00
Carbon disulfide	U		0.0544	0.200
Carbon tetrachloride	U		0.0585	0.200
Chlorobenzene	U		0.0601	0.200
Chloroethane	U		0.0489	0.200
Chloroform	U		0.0574	0.200
Chloromethane	U		0.0544	0.200
2-Chlorotoluene	U		0.0605	0.200
Cyclohexane	U		0.0534	0.200
Dibromochloromethane	U		0.0494	0.200
1,2-Dibromoethane	U		0.0185	0.200
1,2-Dichlorobenzene	U		0.0603	0.200
1,3-Dichlorobenzene	U		0.0597	0.200
1,4-Dichlorobenzene	U		0.0557	0.200
1,2-Dichloroethane	U		0.0616	0.200
1,1-Dichloroethane	U		0.0514	0.200
1,1-Dichloroethene	U		0.0490	0.200
cis-1,2-Dichloroethene	U		0.0389	0.200
trans-1,2-Dichloroethene	U		0.0464	0.200
1,2-Dichloropropane	U		0.0599	0.200
cis-1,3-Dichloropropene	U		0.0588	0.200
trans-1,3-Dichloropropene	U		0.0435	0.200
1,4-Dioxane	U		0.0554	0.200
Ethylbenzene	U		0.0506	0.200
4-Ethyltoluene	U		0.0666	0.200
Trichlorofluoromethane	U		0.0673	0.200
Dichlorodifluoromethane	U		0.0601	0.200
1,1,2-Trichlorotrifluoroethane	U		0.0687	0.200
1,2-Dichlorotetrafluoroethane	U		0.0458	0.200
Heptane	U		0.0626	0.200
Hexachloro-1,3-butadiene	U		0.0656	0.630
n-Hexane	U		0.0457	0.200
Isopropylbenzene	U		0.0563	0.200

Method Blank (MB)

(MB) R3412614-3 05/18/19 09:55

Analyte	MB Result ppbv	MB Qualifier	MB MDL ppbv	MB RDL ppbv
Methylene Chloride	U		0.0465	0.200
Methyl Butyl Ketone	U		0.0682	1.25
2-Butanone (MEK)	U		0.0493	1.25
4-Methyl-2-pentanone (MIBK)	U		0.0650	1.25
Methyl Methacrylate	U		0.0773	0.200
MTBE	U		0.0505	0.200
Naphthalene	U		0.154	0.630
2-Propanol	U		0.0882	1.25
Propene	U		0.0932	0.400
Styrene	U		0.0465	0.200
1,1,2,2-Tetrachloroethane	U		0.0576	0.200
Tetrachloroethylene	U		0.0497	0.200
Tetrahydrofuran	U		0.0508	0.200
Toluene	U		0.0499	0.200
1,2,4-Trichlorobenzene	U		0.148	0.630
1,1,1-Trichloroethane	U		0.0665	0.200
1,1,2-Trichloroethane	U		0.0287	0.200
Trichloroethylene	U		0.0545	0.200
1,2,4-Trimethylbenzene	U		0.0483	0.200
1,3,5-Trimethylbenzene	U		0.0631	0.200
2,2,4-Trimethylpentane	U		0.0456	0.200
Vinyl chloride	U		0.0457	0.200
Vinyl Bromide	U		0.0727	0.200
Vinyl acetate	U		0.0639	0.200
m&p-Xylene	U		0.0946	0.400
o-Xylene	U		0.0633	0.200
Ethanol	U		0.0832	0.630
TPH (GC/MS) Low Fraction	U		6.91	50.0
(S) 1,4-Bromofluorobenzene	*97.8*			*60.0-140*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3412614-1 05/18/19 08:29 • (LCSD) R3412614-2 05/18/19 09:11

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Ethanol	3.75	4.01	4.00	107	107	55.0-148			0.189	25
Propene	3.75	4.36	4.35	116	116	64.0-144			0.177	25
Dichlorodifluoromethane	3.75	4.39	4.39	117	117	64.0-139			0.0244	25
1,2-Dichlorotetrafluoroethane	3.75	4.32	4.32	115	115	70.0-130			0.0404	25

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3412614-1 05/18/19 08:29 • (LCSD) R3412614-2 05/18/19 09:11

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Chloromethane	3.75	4.25	4.23	113	113	70.0-130			0.566	25
Vinyl chloride	3.75	4.36	4.35	116	116	70.0-130			0.0617	25
1,3-Butadiene	3.75	4.49	4.43	120	118	70.0-130			1.23	25
Bromomethane	3.75	4.39	4.32	117	115	70.0-130			1.67	25
Chloroethane	3.75	4.52	4.49	120	120	70.0-130			0.505	25
Trichlorofluoromethane	3.75	4.46	4.42	119	118	70.0-130			0.919	25
1,1,2-Trichlorotrifluoroethane	3.75	4.13	4.14	110	110	70.0-130			0.248	25
1,1-Dichloroethene	3.75	4.32	4.34	115	116	70.0-130			0.370	25
1,1-Dichloroethane	3.75	4.23	4.26	113	114	70.0-130			0.739	25
Acetone	3.75	4.28	4.26	114	114	70.0-130			0.393	25
2-Propanol	3.75	4.46	4.52	119	120	70.0-139			1.17	25
Carbon disulfide	3.75	4.09	4.14	109	110	70.0-130			1.11	25
Methylene Chloride	3.75	4.19	4.22	112	112	70.0-130			0.559	25
MTBE	3.75	4.19	4.23	112	113	70.0-130			0.914	25
trans-1,2-Dichloroethene	3.75	4.31	4.35	115	116	70.0-130			0.716	25
n-Hexane	3.75	4.28	4.30	114	115	70.0-130			0.489	25
Vinyl acetate	3.75	4.42	4.38	118	117	70.0-130			0.805	25
Methyl Ethyl Ketone	3.75	4.25	4.32	113	115	70.0-130			1.64	25
cis-1,2-Dichloroethene	3.75	4.19	4.18	112	111	70.0-130			0.457	25
Chloroform	3.75	4.29	4.31	114	115	70.0-130			0.481	25
Cyclohexane	3.75	4.23	4.23	113	113	70.0-130			0.0832	25
1,1,1-Trichloroethane	3.75	4.26	4.26	114	114	70.0-130			0.165	25
Carbon tetrachloride	3.75	4.16	4.18	111	111	70.0-130			0.487	25
Benzene	3.75	4.32	4.21	115	112	70.0-130			2.42	25
1,2-Dichloroethane	3.75	4.46	4.39	119	117	70.0-130			1.54	25
Heptane	3.75	4.44	4.38	118	117	70.0-130			1.42	25
Trichloroethylene	3.75	4.35	4.32	116	115	70.0-130			0.814	25
1,2-Dichloropropane	3.75	4.31	4.23	115	113	70.0-130			1.86	25
1,4-Dioxane	3.75	4.78	4.75	128	127	70.0-140			0.630	25
Bromodichloromethane	3.75	4.36	4.29	116	114	70.0-130			1.62	25
cis-1,3-Dichloropropene	3.75	4.23	4.20	113	112	70.0-130			0.655	25
4-Methyl-2-pentanone (MIBK)	3.75	4.50	4.47	120	119	70.0-139			0.802	25
Toluene	3.75	4.31	4.21	115	112	70.0-130			2.34	25
trans-1,3-Dichloropropene	3.75	4.30	4.23	115	113	70.0-130			1.64	25
1,1,2-Trichloroethane	3.75	4.22	4.14	113	111	70.0-130			1.88	25
Tetrachloroethylene	3.75	4.22	4.17	113	111	70.0-130			1.27	25
Methyl Butyl Ketone	3.75	4.88	4.80	130	128	70.0-149			1.64	25
Dibromochloromethane	3.75	4.34	4.27	116	114	70.0-130			1.78	25
1,2-Dibromoethane	3.75	4.26	4.19	113	112	70.0-130			1.67	25
Chlorobenzene	3.75	4.28	4.20	114	112	70.0-130			1.87	25

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3412614-1 05/18/19 08:29 • (LCSD) R3412614-2 05/18/19 09:11

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Ethylbenzene	3.75	4.24	4.24	113	113	70.0-130			0.216	25
m&p-Xylene	7.50	8.70	8.72	116	116	70.0-130			0.289	25
o-Xylene	3.75	4.25	4.24	113	113	70.0-130			0.254	25
Styrene	3.75	4.32	4.31	115	115	70.0-130			0.172	25
Bromoform	3.75	4.39	4.38	117	117	70.0-130			0.164	25
1,1,2,2-Tetrachloroethane	3.75	4.24	4.22	113	113	70.0-130			0.299	25
4-Ethyltoluene	3.75	4.31	4.29	115	114	70.0-130			0.610	25
1,3,5-Trimethylbenzene	3.75	4.40	4.38	117	117	70.0-130			0.489	25
1,2,4-Trimethylbenzene	3.75	4.31	4.29	115	114	70.0-130			0.576	25
1,3-Dichlorobenzene	3.75	4.33	4.32	115	115	70.0-130			0.332	25
1,4-Dichlorobenzene	3.75	4.61	4.59	123	122	70.0-130			0.464	25
Benzyl Chloride	3.75	4.43	4.44	118	118	70.0-152			0.0896	25
1,2-Dichlorobenzene	3.75	4.28	4.33	114	115	70.0-130			1.03	25
1,2,4-Trichlorobenzene	3.75	4.55	4.54	121	121	70.0-160			0.263	25
Hexachloro-1,3-butadiene	3.75	4.23	4.30	113	115	70.0-151			1.48	25
Naphthalene	3.75	4.79	4.79	128	128	70.0-159			0.121	25
TPH (GC/MS) Low Fraction	203	233	233	115	115	70.0-130			0.0926	25
Allyl Chloride	3.75	4.26	4.35	114	116	70.0-130			2.08	25
2-Chlorotoluene	3.75	4.33	4.34	115	116	70.0-130			0.336	25
Methyl Methacrylate	3.75	4.16	4.11	111	110	70.0-130			1.20	25
Tetrahydrofuran	3.75	4.53	4.57	121	122	70.0-137			0.832	25
2,2,4-Trimethylpentane	3.75	4.31	4.35	115	116	70.0-130			0.851	25
Vinyl Bromide	3.75	4.38	4.36	117	116	70.0-130			0.403	25
Isopropylbenzene	3.75	4.28	4.30	114	115	70.0-130			0.374	25
(S) 1,4-Bromofluorobenzene				*99.8*	*99.9*	*60.0-140*				

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
	The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.
* Not all certifications held by the laboratory are applicable to the results reported in the attached report.
* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace National.

State Accreditations

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN-03-2002-34
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	n/a
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO00356
Kentucky [1 6]	90010	South Carolina	84004
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana [1]	LA180010	Texas	T104704245-18-15
Maine	TN0002	Texas [5]	LAB0152
Maryland	324	Utah	TN00003
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	460132
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA

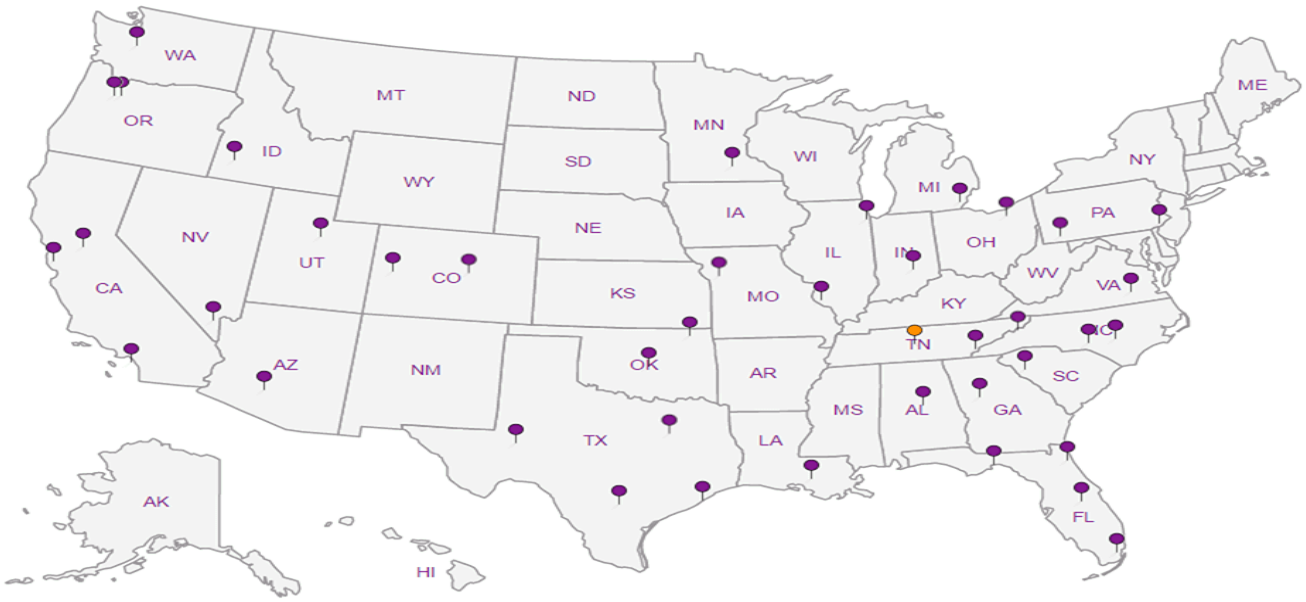
Third Party Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

Our Locations

Pace National has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. Pace National performs all testing at our central laboratory.



GeoDesign Inc.
9450 SW Commerce Circle Suite 300, Wilsonville, Oregon 97070

Billing Information:
GeoDesign Inc.
9450 SW Commerce Circle Suite 300, Wilsonville, Oregon 97070

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page ___ of ___

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

Report to: **Kyle Sattler**

Email To: **ksattler@geodesigninc.com,**

Project Description:

City/State Collected: **Portland, Oregon**

Phone:
Fax:

Client Project # **MillCreek-19-01-02**

Lab Project #

L# L1098623

Table # CK03

Collected by (print): **Kyle Haggart**

Site/Facility ID #

P.O. #

Collected by (signature):

Immediately Packed on Ice N___ Y___

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Date Results Needed

Quote #

Acctnum:
Template:
Prelogin:
TSR:
PB:
Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	TO-15	Remarks	Sample # (lab only)
SG-1(15)		Air		5/11/19	1522	1	X		-01
SG-2(15)		Air		5/11/19	1623	1	X		-02
SV-1		Air		5/11/19	0810	1	X		-03

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS _ FedEx __ Courier __ _____

Tracking # 4794 8833 7021

Sample Receipt Checklist
COC Seal Present/Intact: __NP __Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
	5/13/19	1515		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:
Exelon	5/13/19	1545		Amb 3
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:
				5/14/19 8:30

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
EPA ID: OR01039

Friday, August 9, 2019

Kyle Sattler
GeoDesign, Inc.
9450 SW Commerce Circle
Wilsonville, OR 97070

RE: A9G0643 - Mill Creek-19-01-03 - [none]

Thank you for using Apex Laboratories. We greatly appreciate your business and strive to provide the highest quality services to the environmental industry.

Enclosed are the results of analyses for work order A9G0643, which was received by the laboratory on 7/18/2019 at 5:46:00PM.

If you have any questions concerning this report or the services we offer, please feel free to contact me by email at: pnerenberg@apex-labs.com, or by phone at 503-718-2323.

Please note: All samples will be disposed of within 30 days of final reporting, unless prior arrangements have been made.

Cooler Receipt Information

(See Cooler Receipt Form for details)

Cooler #1	0.4 degC

This Final Report is the official version of the data results for this sample submission, unless superseded by a subsequent, labeled amended report.
All other deliverables derived from this data, including Electronic Data Deliverables (EDDs), CLP-like forms, client requested summary sheets, and all other products are considered secondary to this report.

Apex Laboratories

Philip Nerenberg

Philip Nerenberg, Lab Director

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Mill Creek-19-01-03**	
9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0643 - 08 09 19 1632**

ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
DP-18-(10-11)	A9G0643-01	Soil	07/18/19 09:45	07/18/19 17:46
DP-19(11-12)	A9G0643-02	Soil	07/18/19 10:20	07/18/19 17:46
DP-20(10-11)	A9G0643-03	Soil	07/18/19 11:25	07/18/19 17:46
DP-21(10-11)	A9G0643-04	Soil	07/18/19 12:30	07/18/19 17:46
DP-21(13-14)	A9G0643-05	Soil	07/18/19 12:35	07/18/19 17:46
DP-22(10-11)	A9G0643-06	Soil	07/18/19 13:06	07/18/19 17:46
DP-22(12.5-13.5)	A9G0643-07	Soil	07/18/19 13:09	07/18/19 17:46
DP-23(10-11)	A9G0643-08	Soil	07/18/19 13:25	07/18/19 17:46
DP-23(11-12)	A9G0643-09	Soil	07/18/19 13:27	07/18/19 17:46
DP-24(12-13)	A9G0643-10	Soil	07/18/19 14:06	07/18/19 17:46
DP-24(16-17)	A9G0643-11	Soil	07/18/19 14:24	07/18/19 17:46
DP-25(1-1.5)	A9G0643-12	Soil	07/18/19 15:03	07/18/19 17:46
DP-25(4-4.5)	A9G0643-13	Soil	07/18/19 15:05	07/18/19 17:46
DP-26(1-1.5)	A9G0643-14	Soil	07/18/19 15:11	07/18/19 17:46
DP-26(2-2.5)	A9G0643-15	Soil	07/18/19 15:13	07/18/19 17:46
DP-27(1-1.5)	A9G0643-16	Soil	07/18/19 15:22	07/18/19 17:46
DP-27(2-2.5)	A9G0643-17	Soil	07/18/19 15:25	07/18/19 17:46
DP-28(1-1.5)	A9G0643-18	Soil	07/18/19 15:35	07/18/19 17:46
DP-28(2-2.5)	A9G0643-19	Soil	07/18/19 15:37	07/18/19 17:46
DP-29(1-1.5)	A9G0643-20	Soil	07/18/19 15:42	07/18/19 17:46
DP-29(2-2.5)	A9G0643-21	Soil	07/18/19 15:45	07/18/19 17:46
DP-30(1-1.5)	A9G0643-22	Soil	07/18/19 15:54	07/18/19 17:46
DP-30(2-2.5)	A9G0643-23	Soil	07/18/19 15:56	07/18/19 17:46
DP-31(1-1.5)	A9G0643-24	Soil	07/18/19 16:01	07/18/19 17:46
DP-31(2-2.5)	A9G0643-25	Soil	07/18/19 16:04	07/18/19 17:46
DP-32(1-1.5)	A9G0643-26	Soil	07/18/19 16:15	07/18/19 17:46
DP-32(2-2.5)	A9G0643-27	Soil	07/18/19 16:18	07/18/19 17:46

Apex Laboratories

Philip Nerenberg, Lab Director

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Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Mill Creek-19-01-03**	
9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0643 - 08 09 19 1632**

ANALYTICAL SAMPLE RESULTS

Hydrocarbon Identification Screen by NWTPH-HCID

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-18-(10-11) (A9G0643-01)				**Matrix: Soil**		**Batch: 9071160**		
Gasoline Range Organics	ND	---	22.4	mg/kg dry	1	07/22/19 21:53	NWTPH-HCID	
Diesel Range Organics	ND	---	56.1	mg/kg dry	1	07/22/19 21:53	NWTPH-HCID	
Oil Range Organics	ND	---	112	mg/kg dry	1	07/22/19 21:53	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery: 118 %*		*Limits: 50-150 %*	*1*	*07/22/19 21:53*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*112 %*	*50-150 %*	*1*	*07/22/19 21:53*	*NWTPH-HCID*	
DP-19(11-12) (A9G0643-02)				**Matrix: Soil**		**Batch: 9071160**		
Gasoline Range Organics	ND	---	22.0	mg/kg dry	1	07/22/19 22:38	NWTPH-HCID	
Diesel Range Organics	ND	---	54.9	mg/kg dry	1	07/22/19 22:38	NWTPH-HCID	
Oil Range Organics	ND	---	110	mg/kg dry	1	07/22/19 22:38	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery: 120 %*		*Limits: 50-150 %*	*1*	*07/22/19 22:38*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*112 %*	*50-150 %*	*1*	*07/22/19 22:38*	*NWTPH-HCID*	
DP-20(10-11) (A9G0643-03)				**Matrix: Soil**		**Batch: 9071160**		
Gasoline Range Organics	ND	---	21.5	mg/kg dry	1	07/22/19 23:01	NWTPH-HCID	
Diesel Range Organics	ND	---	53.8	mg/kg dry	1	07/22/19 23:01	NWTPH-HCID	
Oil Range Organics	ND	---	108	mg/kg dry	1	07/22/19 23:01	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery: 99 %*		*Limits: 50-150 %*	*1*	*07/22/19 23:01*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*94 %*	*50-150 %*	*1*	*07/22/19 23:01*	*NWTPH-HCID*	
DP-21(10-11) (A9G0643-04)				**Matrix: Soil**		**Batch: 9071160**		
Gasoline Range Organics	ND	---	22.2	mg/kg dry	1	07/22/19 23:24	NWTPH-HCID	
Diesel Range Organics	ND	---	55.4	mg/kg dry	1	07/22/19 23:24	NWTPH-HCID	
Oil Range Organics	ND	---	111	mg/kg dry	1	07/22/19 23:24	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery: 150 %*		*Limits: 50-150 %*	*1*	*07/22/19 23:24*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*143 %*	*50-150 %*	*1*	*07/22/19 23:24*	*NWTPH-HCID*	
DP-21(13-14) (A9G0643-05)				**Matrix: Soil**		**Batch: 9071160**		
Gasoline Range Organics	ND	---	20.1	mg/kg dry	1	07/22/19 23:47	NWTPH-HCID	
Diesel Range Organics	ND	---	50.3	mg/kg dry	1	07/22/19 23:47	NWTPH-HCID	
Oil Range Organics	ND	---	101	mg/kg dry	1	07/22/19 23:47	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery: 102 %*		*Limits: 50-150 %*	*1*	*07/22/19 23:47*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*93 %*	*50-150 %*	*1*	*07/22/19 23:47*	*NWTPH-HCID*	

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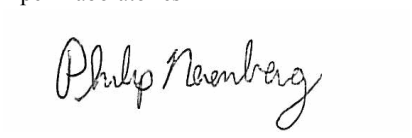

Philip Nerenberg, Lab Director

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Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Mill Creek-19-01-03**	
9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0643 - 08 09 19 1632**

ANALYTICAL SAMPLE RESULTS

Hydrocarbon Identification Screen by NWTPH-HCID

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-22(10-11) (A9G0643-06)				**Matrix: Soil**		**Batch: 9071160**		
Gasoline Range Organics	ND	---	23.5	mg/kg dry	1	07/23/19 00:09	NWTPH-HCID	
Diesel Range Organics	ND	---	58.6	mg/kg dry	1	07/23/19 00:09	NWTPH-HCID	
Oil Range Organics	ND	---	117	mg/kg dry	1	07/23/19 00:09	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery: 77 %*		*Limits: 50-150 %*	*1*	*07/23/19 00:09*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*76 %*	*50-150 %*	*1*	*07/23/19 00:09*	*NWTPH-HCID*	
DP-22(12.5-13.5) (A9G0643-07RE1)				**Matrix: Soil**		**Batch: 9071177**		
Gasoline Range Organics	ND	---	21.8	mg/kg dry	1	07/24/19 01:34	NWTPH-HCID	
Diesel Range Organics	ND	---	54.4	mg/kg dry	1	07/24/19 01:34	NWTPH-HCID	
Oil Range Organics	ND	---	109	mg/kg dry	1	07/24/19 01:34	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery: 97 %*		*Limits: 50-150 %*	*1*	*07/24/19 01:34*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*93 %*	*50-150 %*	*1*	*07/24/19 01:34*	*NWTPH-HCID*	
DP-23(10-11) (A9G0643-08)				**Matrix: Soil**		**Batch: 9071160**		
Gasoline Range Organics	ND	---	22.1	mg/kg dry	1	07/23/19 00:55	NWTPH-HCID	
Diesel Range Organics	ND	---	55.3	mg/kg dry	1	07/23/19 00:55	NWTPH-HCID	
Oil Range Organics	ND	---	111	mg/kg dry	1	07/23/19 00:55	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery: 102 %*		*Limits: 50-150 %*	*1*	*07/23/19 00:55*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*96 %*	*50-150 %*	*1*	*07/23/19 00:55*	*NWTPH-HCID*	
DP-23(11-12) (A9G0643-09)				**Matrix: Soil**		**Batch: 9071160**		
Gasoline Range Organics	ND	---	23.4	mg/kg dry	1	07/23/19 01:18	NWTPH-HCID	
Diesel Range Organics	ND	---	58.5	mg/kg dry	1	07/23/19 01:18	NWTPH-HCID	
Oil Range Organics	ND	---	117	mg/kg dry	1	07/23/19 01:18	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery: 139 %*		*Limits: 50-150 %*	*1*	*07/23/19 01:18*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*132 %*	*50-150 %*	*1*	*07/23/19 01:18*	*NWTPH-HCID*	
DP-24(12-13) (A9G0643-10)				**Matrix: Soil**		**Batch: 9071160**		
Gasoline Range Organics	ND	---	23.6	mg/kg dry	1	07/23/19 01:41	NWTPH-HCID	
Diesel Range Organics	ND	---	58.9	mg/kg dry	1	07/23/19 01:41	NWTPH-HCID	
Oil Range Organics	ND	---	118	mg/kg dry	1	07/23/19 01:41	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery: 115 %*		*Limits: 50-150 %*	*1*	*07/23/19 01:41*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*104 %*	*50-150 %*	*1*	*07/23/19 01:41*	*NWTPH-HCID*	

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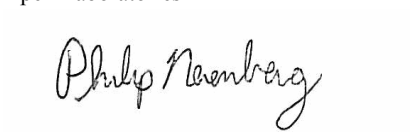

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503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Mill Creek-19-01-03**	
9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0643 - 08 09 19 1632**

ANALYTICAL SAMPLE RESULTS

Hydrocarbon Identification Screen by NWTPH-HCID

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-24(16-17) (A9G0643-11)				**Matrix: Soil**		**Batch: 9071160**		
Gasoline Range Organics	ND	---	26.3	mg/kg dry	1	07/23/19 02:03	NWTPH-HCID	
Diesel Range Organics	ND	---	65.8	mg/kg dry	1	07/23/19 02:03	NWTPH-HCID	
Oil Range Organics	ND	---	132	mg/kg dry	1	07/23/19 02:03	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*104 %*	*Limits: 50-150 %*	*1*	*07/23/19 02:03*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*84 %*	*50-150 %*	*1*	*07/23/19 02:03*	*NWTPH-HCID*	

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9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0643 - 08 09 19 1632**

ANALYTICAL SAMPLE RESULTS

Selected Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-19(11-12) (A9G0643-02)				**Matrix: Soil**		**Batch: 9071169**		
Benzene	ND	---	0.0150	mg/kg dry	50	07/23/19 14:11	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0752	mg/kg dry	50	07/23/19 14:11	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0376	mg/kg dry	50	07/23/19 14:11	5035A/8260C	
Ethylbenzene	ND	---	0.0376	mg/kg dry	50	07/23/19 14:11	5035A/8260C	
Isopropylbenzene	ND	---	0.0752	mg/kg dry	50	07/23/19 14:11	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0752	mg/kg dry	50	07/23/19 14:11	5035A/8260C	
Naphthalene	ND	---	0.150	mg/kg dry	50	07/23/19 14:11	5035A/8260C	
Toluene	ND	---	0.0752	mg/kg dry	50	07/23/19 14:11	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0752	mg/kg dry	50	07/23/19 14:11	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0752	mg/kg dry	50	07/23/19 14:11	5035A/8260C	
Xylenes, total	ND	---	0.113	mg/kg dry	50	07/23/19 14:11	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*104 %*	*Limits: 80-120 %*	*1*	*07/23/19 14:11*	*5035A/8260C*	
Toluene-d8 (Surr)			*99 %*	*80-120 %*	*1*	*07/23/19 14:11*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*100 %*	*80-120 %*	*1*	*07/23/19 14:11*	*5035A/8260C*	
DP-23(11-12) (A9G0643-09)				**Matrix: Soil**		**Batch: 9071169**		
Benzene	ND	---	0.0145	mg/kg dry	50	07/23/19 14:39	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0724	mg/kg dry	50	07/23/19 14:39	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0362	mg/kg dry	50	07/23/19 14:39	5035A/8260C	
Ethylbenzene	ND	---	0.0362	mg/kg dry	50	07/23/19 14:39	5035A/8260C	
Isopropylbenzene	ND	---	0.0724	mg/kg dry	50	07/23/19 14:39	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0724	mg/kg dry	50	07/23/19 14:39	5035A/8260C	
Naphthalene	ND	---	0.145	mg/kg dry	50	07/23/19 14:39	5035A/8260C	
Toluene	ND	---	0.0724	mg/kg dry	50	07/23/19 14:39	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0724	mg/kg dry	50	07/23/19 14:39	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	0.0724	mg/kg dry	50	07/23/19 14:39	5035A/8260C	
Xylenes, total	ND	---	0.109	mg/kg dry	50	07/23/19 14:39	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*103 %*	*Limits: 80-120 %*	*1*	*07/23/19 14:39*	*5035A/8260C*	
Toluene-d8 (Surr)			*99 %*	*80-120 %*	*1*	*07/23/19 14:39*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*100 %*	*80-120 %*	*1*	*07/23/19 14:39*	*5035A/8260C*	

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503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Mill Creek-19-01-03**	
9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0643 - 08 09 19 1632**

ANALYTICAL SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-19(11-12) (A9G0643-02RE1)				**Matrix: Soil**		**Batch: 9071207**		
Acenaphthene	ND	---	0.0106	mg/kg dry	1	07/25/19 15:02	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.0106	mg/kg dry	1	07/25/19 15:02	EPA 8270D (SIM)	
Anthracene	ND	---	0.0106	mg/kg dry	1	07/25/19 15:02	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.0106	mg/kg dry	1	07/25/19 15:02	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.0106	mg/kg dry	1	07/25/19 15:02	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.0106	mg/kg dry	1	07/25/19 15:02	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.0106	mg/kg dry	1	07/25/19 15:02	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.0106	mg/kg dry	1	07/25/19 15:02	EPA 8270D (SIM)	
Chrysene	ND	---	0.0106	mg/kg dry	1	07/25/19 15:02	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.0106	mg/kg dry	1	07/25/19 15:02	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.0106	mg/kg dry	1	07/25/19 15:02	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.0106	mg/kg dry	1	07/25/19 15:02	EPA 8270D (SIM)	
Fluorene	ND	---	0.0106	mg/kg dry	1	07/25/19 15:02	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.0106	mg/kg dry	1	07/25/19 15:02	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.0106	mg/kg dry	1	07/25/19 15:02	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.0106	mg/kg dry	1	07/25/19 15:02	EPA 8270D (SIM)	
Naphthalene	ND	---	0.0106	mg/kg dry	1	07/25/19 15:02	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.0106	mg/kg dry	1	07/25/19 15:02	EPA 8270D (SIM)	
Pyrene	ND	---	0.0106	mg/kg dry	1	07/25/19 15:02	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*79 %*	*Limits: 44-120 %*	*1*	*07/25/19 15:02*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*91 %*	*54-127 %*	*1*	*07/25/19 15:02*	*EPA 8270D (SIM)*	
DP-23(11-12) (A9G0643-09)				**Matrix: Soil**		**Batch: 9071165**		
Acenaphthene	ND	---	0.0115	mg/kg dry	1	07/23/19 21:44	EPA 8270D (SIM)	
Acenaphthylene	ND	---	0.0115	mg/kg dry	1	07/23/19 21:44	EPA 8270D (SIM)	
Anthracene	ND	---	0.0115	mg/kg dry	1	07/23/19 21:44	EPA 8270D (SIM)	
Benz(a)anthracene	ND	---	0.0115	mg/kg dry	1	07/23/19 21:44	EPA 8270D (SIM)	
Benzo(a)pyrene	ND	---	0.0115	mg/kg dry	1	07/23/19 21:44	EPA 8270D (SIM)	
Benzo(b)fluoranthene	ND	---	0.0115	mg/kg dry	1	07/23/19 21:44	EPA 8270D (SIM)	
Benzo(k)fluoranthene	ND	---	0.0115	mg/kg dry	1	07/23/19 21:44	EPA 8270D (SIM)	
Benzo(g,h,i)perylene	ND	---	0.0115	mg/kg dry	1	07/23/19 21:44	EPA 8270D (SIM)	
Chrysene	ND	---	0.0115	mg/kg dry	1	07/23/19 21:44	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	ND	---	0.0115	mg/kg dry	1	07/23/19 21:44	EPA 8270D (SIM)	

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503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Mill Creek-19-01-03**	
9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0643 - 08 09 19 1632**

ANALYTICAL SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-23(11-12) (A9G0643-09)				**Matrix: Soil**		**Batch: 9071165**		
Dibenzofuran	ND	---	0.0115	mg/kg dry	1	07/23/19 21:44	EPA 8270D (SIM)	
Fluoranthene	ND	---	0.0115	mg/kg dry	1	07/23/19 21:44	EPA 8270D (SIM)	
Fluorene	ND	---	0.0115	mg/kg dry	1	07/23/19 21:44	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	---	0.0115	mg/kg dry	1	07/23/19 21:44	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.0115	mg/kg dry	1	07/23/19 21:44	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.0115	mg/kg dry	1	07/23/19 21:44	EPA 8270D (SIM)	
Naphthalene	ND	---	0.0115	mg/kg dry	1	07/23/19 21:44	EPA 8270D (SIM)	
Phenanthrene	ND	---	0.0115	mg/kg dry	1	07/23/19 21:44	EPA 8270D (SIM)	
Pyrene	ND	---	0.0115	mg/kg dry	1	07/23/19 21:44	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*53 %*	*Limits: 44-120 %*	*1*	*07/23/19 21:44*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*88 %*	*54-127 %*	*1*	*07/23/19 21:44*	*EPA 8270D (SIM)*	

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9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0643 - 08 09 19 1632**

ANALYTICAL SAMPLE RESULTS

Total Metals by EPA 6020A (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-25(1-1.5) (A9G0643-12)				**Matrix: Soil**				
Batch: 9071166								
Lead	**50.6**	---	0.270	mg/kg dry	10	07/23/19 20:52	EPA 6020A	
DP-25(4-4.5) (A9G0643-13)				**Matrix: Soil**				
Batch: 9071166								
Lead	**12.8**	---	0.268	mg/kg dry	10	07/23/19 20:57	EPA 6020A	
DP-26(1-1.5) (A9G0643-14)				**Matrix: Soil**				
Batch: 9071166								
Lead	**991**	---	0.260	mg/kg dry	10	07/23/19 21:01	EPA 6020A	
DP-26(2-2.5) (A9G0643-15)				**Matrix: Soil**				
Batch: 9071166								
Lead	**17.6**	---	0.274	mg/kg dry	10	07/23/19 21:06	EPA 6020A	
DP-27(1-1.5) (A9G0643-16)				**Matrix: Soil**				
Batch: 9071166								
Lead	**146**	---	0.242	mg/kg dry	10	07/23/19 21:20	EPA 6020A	
DP-27(2-2.5) (A9G0643-17)				**Matrix: Soil**				
Batch: 9071166								
Lead	**15.5**	---	0.283	mg/kg dry	10	07/23/19 21:24	EPA 6020A	
DP-28(1-1.5) (A9G0643-18)				**Matrix: Soil**				
Batch: 9071166								
Lead	**80.9**	---	0.250	mg/kg dry	10	07/23/19 21:29	EPA 6020A	
DP-28(2-2.5) (A9G0643-19)				**Matrix: Soil**				
Batch: 9071166								
Lead	**15.4**	---	0.270	mg/kg dry	10	07/23/19 21:43	EPA 6020A	
DP-29(1-1.5) (A9G0643-20)				**Matrix: Soil**				
Batch: 9071166								
Lead	**12.0**	---	0.268	mg/kg dry	10	07/23/19 21:47	EPA 6020A	
DP-29(2-2.5) (A9G0643-21)				**Matrix: Soil**				
Batch: 9071166								

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9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0643 - 08 09 19 1632**

ANALYTICAL SAMPLE RESULTS

Total Metals by EPA 6020A (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-29(2-2.5) (A9G0643-21)				**Matrix: Soil**				
Lead	**13.8**	---	0.262	mg/kg dry	10	07/23/19 21:52	EPA 6020A	
DP-30(1-1.5) (A9G0643-22)				**Matrix: Soil**				
Batch: 9071166								
Lead	**59.8**	---	0.255	mg/kg dry	10	07/23/19 21:56	EPA 6020A	
DP-30(2-2.5) (A9G0643-23)				**Matrix: Soil**				
Batch: 9071166								
Lead	**16.0**	---	0.283	mg/kg dry	10	07/23/19 22:01	EPA 6020A	
DP-31(1-1.5) (A9G0643-24)				**Matrix: Soil**				
Batch: 9071166								
Lead	**92.3**	---	0.221	mg/kg dry	10	07/23/19 22:05	EPA 6020A	
DP-31(2-2.5) (A9G0643-25)				**Matrix: Soil**				
Batch: 9071166								
Lead	**17.6**	---	0.278	mg/kg dry	10	07/23/19 22:10	EPA 6020A	
DP-32(1-1.5) (A9G0643-26RE1)				**Matrix: Soil**				
Batch: 9071166								
Lead	**1580**	---	2.37	mg/kg dry	100	07/25/19 20:53	EPA 6020A	
DP-32(2-2.5) (A9G0643-27)				**Matrix: Soil**				
Batch: 9071166								
Lead	**15.5**	---	0.279	mg/kg dry	10	07/23/19 22:19	EPA 6020A	

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9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0643 - 08 09 19 1632**

ANALYTICAL SAMPLE RESULTS

TCLP Metals by EPA 6020A (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-26(1-1.5) (A9G0643-14RE1)				**Matrix: Soil**				
Batch: 9080725								
Lead	**0.350**	---	0.0500	mg/L	10	08/07/19 19:05	1311/6020A	**TCLPa**
DP-32(1-1.5) (A9G0643-26)				**Matrix: Soil**				
Batch: 9080518								
Lead	**0.173**	---	0.0500	mg/L	10	08/01/19 16:08	1311/6020A	

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GeoDesign, Inc.	Project: **Mill Creek-19-01-03**	
9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0643 - 08 09 19 1632**

ANALYTICAL SAMPLE RESULTS

Percent Dry Weight

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-18-(10-11) (A9G0643-01)				**Matrix: Soil**		**Batch: 9071130**		
% Solids	**82.8**	---	1.00	% by Weight	1	07/23/19 08:05	EPA 8000C	
DP-19(11-12) (A9G0643-02)				**Matrix: Soil**		**Batch: 9071130**		
% Solids	**86.5**	---	1.00	% by Weight	1	07/23/19 08:05	EPA 8000C	
DP-20(10-11) (A9G0643-03)				**Matrix: Soil**		**Batch: 9071130**		
% Solids	**88.5**	---	1.00	% by Weight	1	07/23/19 08:05	EPA 8000C	
DP-21(10-11) (A9G0643-04)				**Matrix: Soil**		**Batch: 9071130**		
% Solids	**86.7**	---	1.00	% by Weight	1	07/23/19 08:05	EPA 8000C	
DP-21(13-14) (A9G0643-05)				**Matrix: Soil**		**Batch: 9071130**		
% Solids	**90.5**	---	1.00	% by Weight	1	07/23/19 08:05	EPA 8000C	
DP-22(10-11) (A9G0643-06)				**Matrix: Soil**		**Batch: 9071130**		
% Solids	**84.1**	---	1.00	% by Weight	1	07/23/19 08:05	EPA 8000C	
DP-22(12.5-13.5) (A9G0643-07)				**Matrix: Soil**		**Batch: 9071130**		
% Solids	**88.0**	---	1.00	% by Weight	1	07/23/19 08:05	EPA 8000C	
DP-23(10-11) (A9G0643-08)				**Matrix: Soil**		**Batch: 9071130**		
% Solids	**87.2**	---	1.00	% by Weight	1	07/23/19 08:05	EPA 8000C	
DP-23(11-12) (A9G0643-09)				**Matrix: Soil**		**Batch: 9071130**		
% Solids	**85.4**	---	1.00	% by Weight	1	07/23/19 08:05	EPA 8000C	
DP-24(12-13) (A9G0643-10)				**Matrix: Soil**		**Batch: 9071130**		
% Solids	**81.6**	---	1.00	% by Weight	1	07/23/19 08:05	EPA 8000C	
DP-24(16-17) (A9G0643-11)				**Matrix: Soil**		**Batch: 9071130**		
% Solids	**75.9**	---	1.00	% by Weight	1	07/23/19 08:05	EPA 8000C	
DP-25(1-1.5) (A9G0643-12)				**Matrix: Soil**		**Batch: 9071130**		
% Solids	**79.4**	---	1.00	% by Weight	1	07/23/19 08:05	EPA 8000C	
DP-25(4-4.5) (A9G0643-13)				**Matrix: Soil**		**Batch: 9071130**		

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Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Mill Creek-19-01-03**	
9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0643 - 08 09 19 1632**

ANALYTICAL SAMPLE RESULTS

Percent Dry Weight

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-25(4-4.5) (A9G0643-13)				**Matrix: Soil**		**Batch: 9071130**		
% Solids	**73.4**	---	1.00	% by Weight	1	07/23/19 08:05	EPA 8000C	
DP-26(1-1.5) (A9G0643-14)				**Matrix: Soil**		**Batch: 9071130**		
% Solids	**84.7**	---	1.00	% by Weight	1	07/23/19 08:05	EPA 8000C	
DP-26(2-2.5) (A9G0643-15)				**Matrix: Soil**		**Batch: 9071130**		
% Solids	**75.6**	---	1.00	% by Weight	1	07/23/19 08:05	EPA 8000C	
DP-27(1-1.5) (A9G0643-16)				**Matrix: Soil**		**Batch: 9071130**		
% Solids	**82.7**	---	1.00	% by Weight	1	07/23/19 08:05	EPA 8000C	
DP-27(2-2.5) (A9G0643-17)				**Matrix: Soil**		**Batch: 9071130**		
% Solids	**77.3**	---	1.00	% by Weight	1	07/23/19 08:05	EPA 8000C	
DP-28(1-1.5) (A9G0643-18)				**Matrix: Soil**		**Batch: 9071130**		
% Solids	**88.9**	---	1.00	% by Weight	1	07/23/19 08:05	EPA 8000C	
DP-28(2-2.5) (A9G0643-19)				**Matrix: Soil**		**Batch: 9071130**		
% Solids	**75.0**	---	1.00	% by Weight	1	07/23/19 08:05	EPA 8000C	
DP-29(1-1.5) (A9G0643-20)				**Matrix: Soil**		**Batch: 9071130**		
% Solids	**79.8**	---	1.00	% by Weight	1	07/23/19 08:05	EPA 8000C	
DP-29(2-2.5) (A9G0643-21)				**Matrix: Soil**		**Batch: 9071130**		
% Solids	**79.8**	---	1.00	% by Weight	1	07/23/19 08:05	EPA 8000C	
DP-30(1-1.5) (A9G0643-22)				**Matrix: Soil**		**Batch: 9071130**		
% Solids	**83.6**	---	1.00	% by Weight	1	07/23/19 08:05	EPA 8000C	
DP-30(2-2.5) (A9G0643-23)				**Matrix: Soil**		**Batch: 9071130**		
% Solids	**76.4**	---	1.00	% by Weight	1	07/23/19 08:05	EPA 8000C	
DP-31(1-1.5) (A9G0643-24)				**Matrix: Soil**		**Batch: 9071130**		
% Solids	**89.1**	---	1.00	% by Weight	1	07/23/19 08:05	EPA 8000C	
DP-31(2-2.5) (A9G0643-25)				**Matrix: Soil**		**Batch: 9071130**		

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GeoDesign, Inc.	Project: **Mill Creek-19-01-03**	
9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0643 - 08 09 19 1632**

ANALYTICAL SAMPLE RESULTS

Percent Dry Weight

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-31(2-2.5) (A9G0643-25)				**Matrix: Soil**		**Batch: 9071130**		
% Solids	**76.6**	---	1.00	% by Weight	1	07/23/19 08:05	EPA 8000C	
DP-32(1-1.5) (A9G0643-26)				**Matrix: Soil**		**Batch: 9071130**		
% Solids	**88.4**	---	1.00	% by Weight	1	07/23/19 08:05	EPA 8000C	
DP-32(2-2.5) (A9G0643-27)				**Matrix: Soil**		**Batch: 9071130**		
% Solids	**76.8**	---	1.00	% by Weight	1	07/23/19 08:05	EPA 8000C	

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9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0643 - 08 09 19 1632**

ANALYTICAL SAMPLE RESULTS

TCLP Extraction by EPA 1311

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DP-26(1-1.5) (A9G0643-14)				**Matrix: Soil**		**Batch: 9080616**		
TCLP Extraction	PREP	---		N/A	1	08/05/19 16:25	EPA 1311	
DP-32(1-1.5) (A9G0643-26)				**Matrix: Soil**		**Batch: 9071445**		
TCLP Extraction	PREP	---		N/A	1	07/31/19 15:14	EPA 1311	

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GeoDesign, Inc.	Project: **Mill Creek-19-01-03**	
9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0643 - 08 09 19 1632**

QUALITY CONTROL (QC) SAMPLE RESULTS

Hydrocarbon Identification Screen by NWTPH-HCID

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9071160 - NWTPH-HCID (Soil)							Soil					
Blank (9071160-BLK1)			Prepared: 07/22/19 15:39 Analyzed: 07/22/19 21:30									
NWTPH-HCID												
Gasoline Range Organics	ND	---	18.2	mg/kg wet	1	---	---	---	---	---	---	
Diesel Range Organics	ND	---	45.5	mg/kg wet	1	---	---	---	---	---	---	
Oil Range Organics	ND	---	90.9	mg/kg wet	1	---	---	---	---	---	---	
Surr: o-Terphenyl (Surr)		*Recovery:*	*96 %*	*Limits:*	*50-150 %*		*Dilution:*	*1x*				
4-Bromofluorobenzene (Surr)			*93 %*		*50-150 %*			*"*				
Duplicate (9071160-DUP1)			Prepared: 07/22/19 15:39 Analyzed: 07/22/19 22:16									
QC Source Sample: DP-18-(10-11) (A9G0643-01)												
NWTPH-HCID												
Gasoline Range Organics	ND	---	22.4	mg/kg dry	1	---	ND	---	---	---	30%	
Diesel Range Organics	ND	---	55.9	mg/kg dry	1	---	ND	---	---	---	30%	
Oil Range Organics	ND	---	112	mg/kg dry	1	---	ND	---	---	---	30%	
Surr: o-Terphenyl (Surr)		*Recovery:*	*78 %*	*Limits:*	*50-150 %*		*Dilution:*	*1x*				
4-Bromofluorobenzene (Surr)			*70 %*		*50-150 %*			*"*				
Duplicate (9071160-DUP2)			Prepared: 07/22/19 15:39 Analyzed: 07/23/19 02:26									
QC Source Sample: DP-24(16-17) (A9G0643-11)												
NWTPH-HCID												
Gasoline Range Organics	ND	---	26.1	mg/kg dry	1	---	ND	---	---	---	30%	
Diesel Range Organics	ND	---	65.2	mg/kg dry	1	---	ND	---	---	---	30%	
Oil Range Organics	ND	---	130	mg/kg dry	1	---	ND	---	---	---	30%	
Surr: o-Terphenyl (Surr)		*Recovery:*	*104 %*	*Limits:*	*50-150 %*		*Dilution:*	*1x*				
4-Bromofluorobenzene (Surr)			*92 %*		*50-150 %*			*"*				
Batch 9071177 - NWTPH-HCID (Soil)							Soil					
Blank (9071177-BLK1)			Prepared: 07/23/19 10:03 Analyzed: 07/24/19 01:12									
NWTPH-HCID												
Gasoline Range Organics	ND	---	18.2	mg/kg wet	1	---	---	---	---	---	---	
Diesel Range Organics	ND	---	45.5	mg/kg wet	1	---	---	---	---	---	---	
Oil Range Organics	ND	---	90.9	mg/kg wet	1	---	---	---	---	---	---	
Surr: o-Terphenyl (Surr)		*Recovery:*	*99 %*	*Limits:*	*50-150 %*		*Dilution:*	*1x*				

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GeoDesign, Inc.	Project: **Mill Creek-19-01-03**	
9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0643 - 08 09 19 1632**

QUALITY CONTROL (QC) SAMPLE RESULTS

Hydrocarbon Identification Screen by NWTPH-HCID

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9071177 - NWTPH-HCID (Soil)							**Soil**					
Blank (9071177-BLK1)				Prepared: 07/23/19 10:03		Analyzed: 07/24/19 01:12						
Surr: 4-Bromofluorobenzene (Surr)			*Recovery: 97 %*	*Limits: 50-150 %*			*Dilution: 1x*					
Duplicate (9071177-DUP1)				Prepared: 07/23/19 10:03		Analyzed: 07/24/19 01:57						
QC Source Sample: DP-22(12.5-13.5) (A9G0643-07RE1)												
NWTPH-HCID												
Gasoline Range Organics	ND	---	22.1	mg/kg dry	1	---	ND	---	---	---	30%	
Diesel Range Organics	ND	---	55.1	mg/kg dry	1	---	ND	---	---	---	30%	
Oil Range Organics	ND	---	110	mg/kg dry	1	---	ND	---	---	---	30%	
Surr: o-Terphenyl (Surr)			*95 %*	*50-150 %*			*1x*					
4-Bromofluorobenzene (Surr)			*93 %*	*50-150 %*			*"*					

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Mill Creek-19-01-03**	
9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0643 - 08 09 19 1632**

QUALITY CONTROL (QC) SAMPLE RESULTS

Selected Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9071169 - EPA 5035A							**Soil**					
Blank (9071169-BLK1)			Prepared: 07/23/19 09:00 Analyzed: 07/23/19 10:31									
5035A/8260C												
Benzene	ND	---	0.00667	mg/kg wet	50	---	---	---	---	---	---	
1,2-Dibromoethane (EDB)	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
1,2-Dichloroethane (EDC)	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Ethylbenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Isopropylbenzene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Methyl tert-butyl ether (MTBE)	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Naphthalene	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
Toluene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
1,2,4-Trimethylbenzene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
1,3,5-Trimethylbenzene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Xylenes, total	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	
Surr: 1,4-Difluorobenzene (Surr)			*Recovery: 93 %*		*Limits: 80-120 %*			*Dilution: 1x*				
Toluene-d8 (Surr)			*101 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*102 %*		*80-120 %*			*"*				
LCS (9071169-BS1)			Prepared: 07/23/19 09:00 Analyzed: 07/23/19 09:37									
5035A/8260C												
Benzene	0.916	---	0.0100	mg/kg wet	50	1.00	---	92	80-120%	---	---	
1,2-Dibromoethane (EDB)	1.08	---	0.0500	mg/kg wet	50	1.00	---	108	80-120%	---	---	
1,2-Dichloroethane (EDC)	1.11	---	0.0250	mg/kg wet	50	1.00	---	111	80-120%	---	---	
Ethylbenzene	1.02	---	0.0250	mg/kg wet	50	1.00	---	102	80-120%	---	---	
Isopropylbenzene	1.05	---	0.0500	mg/kg wet	50	1.00	---	105	80-120%	---	---	
Methyl tert-butyl ether (MTBE)	1.01	---	0.0500	mg/kg wet	50	1.00	---	101	80-120%	---	---	
Naphthalene	1.09	---	0.100	mg/kg wet	50	1.00	---	109	80-120%	---	---	
Toluene	0.977	---	0.0500	mg/kg wet	50	1.00	---	98	80-120%	---	---	
1,2,4-Trimethylbenzene	1.01	---	0.0500	mg/kg wet	50	1.00	---	101	80-120%	---	---	
1,3,5-Trimethylbenzene	1.03	---	0.0500	mg/kg wet	50	1.00	---	103	80-120%	---	---	
Xylenes, total	3.04	---	0.0750	mg/kg wet	50	3.00	---	101	80-120%	---	---	
Surr: 1,4-Difluorobenzene (Surr)			*Recovery: 96 %*		*Limits: 80-120 %*			*Dilution: 1x*				
Toluene-d8 (Surr)			*99 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*102 %*		*80-120 %*			*"*				
Duplicate (9071169-DUP1)			Prepared: 07/23/19 13:55 Analyzed: 07/23/19 16:29									**V-15**

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Mill Creek-19-01-03**	
9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0643 - 08 09 19 1632**

QUALITY CONTROL (QC) SAMPLE RESULTS

Selected Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9071169 - EPA 5035A							**Soil**					
Duplicate (9071169-DUP1)			Prepared: 07/23/19 13:55 Analyzed: 07/23/19 16:29									**V-15**
QC Source Sample: Non-SDG (A9G0703-01)												
Benzene	**0.0161**	---	0.0146	mg/kg dry	50	---	0.0220	---	---	**31**	**30%**	
1,2-Dibromoethane (EDB)	ND	---	0.0731	mg/kg dry	50	---	ND	---	---	---	30%	
1,2-Dichloroethane (EDC)	ND	---	0.0366	mg/kg dry	50	---	ND	---	---	---	30%	
Ethylbenzene	**0.0388**	---	0.0366	mg/kg dry	50	---	0.0538	---	---	**33**	**30%**	Q-05
Isopropylbenzene	ND	---	0.0731	mg/kg dry	50	---	ND	---	---	---	30%	
Methyl tert-butyl ether (MTBE)	ND	---	0.0731	mg/kg dry	50	---	ND	---	---	---	30%	
Naphthalene	ND	---	0.146	mg/kg dry	50	---	ND	---	---	---	30%	
Toluene	ND	---	0.0731	mg/kg dry	50	---	ND	---	---	---	30%	
1,2,4-Trimethylbenzene	ND	---	0.0731	mg/kg dry	50	---	0.0524	---	---	***	30%	
1,3,5-Trimethylbenzene	ND	---	0.0731	mg/kg dry	50	---	0.0425	---	---	***	**30%**	Q-05
Xylenes, total	ND	---	0.110	mg/kg dry	50	---	0.0971	---	---	***	30%	
Surr: 1,4-Difluorobenzene (Surr)			*Recovery: 96 %*		*Limits: 80-120 %*				*Dilution: 1x*			
Toluene-d8 (Surr)			*98 %*		*80-120 %*				*"*			
4-Bromofluorobenzene (Surr)			*99 %*		*80-120 %*				*"*			
Matrix Spike (9071169-MS1)			Prepared: 07/18/19 13:27 Analyzed: 07/23/19 15:06									
QC Source Sample: DP-23(11-12) (A9G0643-09)												
5035A/8260C												
Benzene	1.42	---	0.0145	mg/kg dry	50	1.45	ND	98	77-121%	---	---	
1,2-Dibromoethane (EDB)	1.57	---	0.0724	mg/kg dry	50	1.45	ND	108	78-122%	---	---	
1,2-Dichloroethane (EDC)	1.50	---	0.0362	mg/kg dry	50	1.45	ND	104	73-128%	---	---	
Ethylbenzene	1.44	---	0.0362	mg/kg dry	50	1.45	ND	99	76-122%	---	---	
Isopropylbenzene	1.42	---	0.0724	mg/kg dry	50	1.45	ND	98	68-134%	---	---	
Methyl tert-butyl ether (MTBE)	1.49	---	0.0724	mg/kg dry	50	1.45	ND	103	73-125%	---	---	
Naphthalene	1.50	---	0.145	mg/kg dry	50	1.45	ND	104	62-129%	---	---	
Toluene	1.40	---	0.0724	mg/kg dry	50	1.45	ND	97	77-121%	---	---	
1,2,4-Trimethylbenzene	1.39	---	0.0724	mg/kg dry	50	1.45	ND	96	75-123%	---	---	
1,3,5-Trimethylbenzene	1.38	---	0.0724	mg/kg dry	50	1.45	ND	95	73-124%	---	---	
Xylenes, total	4.21	---	0.109	mg/kg dry	50	4.34	ND	97	78-124%	---	---	
Surr: 1,4-Difluorobenzene (Surr)			*Recovery: 100 %*		*Limits: 80-120 %*				*Dilution: 1x*			
Toluene-d8 (Surr)			*98 %*		*80-120 %*				*"*			
4-Bromofluorobenzene (Surr)			*100 %*		*80-120 %*				*"*			

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9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0643 - 08 09 19 1632**

QUALITY CONTROL (QC) SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9071165 - EPA 3546							**Soil**					
Blank (9071165-BLK1)			Prepared: 07/23/19 07:22		Analyzed: 07/23/19 14:33							
EPA 8270D (SIM)												
Acenaphthene	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Acenaphthylene	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Anthracene	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Benz(a)anthracene	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Benzo(a)pyrene	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Benzo(b)fluoranthene	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Benzo(k)fluoranthene	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Benzo(g,h,i)perylene	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Chrysene	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Dibenz(a,h)anthracene	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Dibenzofuran	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Fluoranthene	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Fluorene	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Indeno(1,2,3-cd)pyrene	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
1-Methylnaphthalene	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
2-Methylnaphthalene	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Naphthalene	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Phenanthrene	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Pyrene	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Surr: 2-Fluorobiphenyl (Surr)			*Recovery: 82 %*		*Limits: 44-120 %*			*Dilution: 1x*				
p-Terphenyl-d14 (Surr)			*99 %*		*54-127 %*			*"*				
LCS (9071165-BS1)			Prepared: 07/23/19 07:22		Analyzed: 07/23/19 14:58							
EPA 8270D (SIM)												
Acenaphthene	0.669	---	0.0100	mg/kg wet	1	0.800	---	84	40-122%	---	---	
Acenaphthylene	0.665	---	0.0100	mg/kg wet	1	0.800	---	83	32-132%	---	---	
Anthracene	0.707	---	0.0100	mg/kg wet	1	0.800	---	88	47-123%	---	---	
Benz(a)anthracene	0.685	---	0.0100	mg/kg wet	1	0.800	---	86	49-126%	---	---	
Benzo(a)pyrene	0.818	---	0.0100	mg/kg wet	1	0.800	---	102	45-129%	---	---	
Benzo(b)fluoranthene	0.809	---	0.0100	mg/kg wet	1	0.800	---	101	45-132%	---	---	
Benzo(k)fluoranthene	0.783	---	0.0100	mg/kg wet	1	0.800	---	98	47-132%	---	---	
Benzo(g,h,i)perylene	0.638	---	0.0100	mg/kg wet	1	0.800	---	80	43-134%	---	---	
Chrysene	0.747	---	0.0100	mg/kg wet	1	0.800	---	93	50-124%	---	---	

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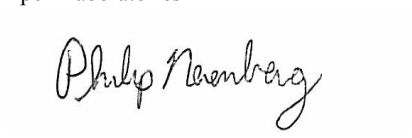

Philip Nerenberg, Lab Director

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Tigard, OR 97223
503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Mill Creek-19-01-03**	
9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0643 - 08 09 19 1632**

QUALITY CONTROL (QC) SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9071165 - EPA 3546							**Soil**					
LCS (9071165-BS1)			Prepared: 07/23/19 07:22		Analyzed: 07/23/19 14:58							
Dibenz(a,h)anthracene	0.702	---	0.0100	mg/kg wet	1	0.800	---	88	45-134%	---	---	
Dibenzofuran	0.700	---	0.0100	mg/kg wet	1	0.800	---	87	44-120%	---	---	
Fluoranthene	0.683	---	0.0100	mg/kg wet	1	0.800	---	85	50-127%	---	---	
Fluorene	0.685	---	0.0100	mg/kg wet	1	0.800	---	86	43-125%	---	---	
Indeno(1,2,3-cd)pyrene	0.661	---	0.0100	mg/kg wet	1	0.800	---	83	45-133%	---	---	
1-Methylnaphthalene	0.699	---	0.0100	mg/kg wet	1	0.800	---	87	40-120%	---	---	
2-Methylnaphthalene	0.695	---	0.0100	mg/kg wet	1	0.800	---	87	38-122%	---	---	
Naphthalene	0.673	---	0.0100	mg/kg wet	1	0.800	---	84	35-123%	---	---	
Phenanthrene	0.685	---	0.0100	mg/kg wet	1	0.800	---	86	50-121%	---	---	
Pyrene	0.673	---	0.0100	mg/kg wet	1	0.800	---	84	47-127%	---	---	
Surr: 2-Fluorobiphenyl (Surr)			*Recovery: 86 %*		*Limits: 44-120 %*				*Dilution: 1x*			
p-Terphenyl-d14 (Surr)			*96 %*		*54-127 %*				*"*			
Duplicate (9071165-DUP1)			Prepared: 07/23/19 07:22		Analyzed: 07/23/19 15:49							
QC Source Sample: Non-SDG (A9G0289-02)												
Acenaphthene	ND	---	1.30	mg/kg dry	40	---	ND	---	---	---	30%	R-02
Acenaphthylene	ND	---	0.651	mg/kg dry	40	---	ND	---	---	---	30%	R-02
Anthracene	ND	---	0.501	mg/kg dry	40	---	ND	---	---	---	30%	
Benz(a)anthracene	ND	---	0.501	mg/kg dry	40	---	ND	---	---	---	30%	
Benzo(a)pyrene	ND	---	0.501	mg/kg dry	40	---	ND	---	---	---	30%	
Benzo(b)fluoranthene	ND	---	0.501	mg/kg dry	40	---	ND	---	---	---	30%	
Benzo(k)fluoranthene	ND	---	0.501	mg/kg dry	40	---	ND	---	---	---	30%	
Benzo(g,h,i)perylene	ND	---	0.501	mg/kg dry	40	---	ND	---	---	---	30%	
Chrysene	ND	---	0.501	mg/kg dry	40	---	ND	---	---	---	30%	
Dibenz(a,h)anthracene	ND	---	0.501	mg/kg dry	40	---	ND	---	---	---	30%	
Dibenzofuran	**1.53**	---	0.501	mg/kg dry	40	---	1.26	---	---	20	30%	
Fluoranthene	ND	---	0.501	mg/kg dry	40	---	ND	---	---	---	30%	
Fluorene	**2.29**	---	0.501	mg/kg dry	40	---	1.89	---	---	19	30%	M-04
Indeno(1,2,3-cd)pyrene	ND	---	0.501	mg/kg dry	40	---	ND	---	---	---	30%	
1-Methylnaphthalene	**12.6**	---	0.501	mg/kg dry	40	---	11.0	---	---	13	30%	
2-Methylnaphthalene	**21.2**	---	0.501	mg/kg dry	40	---	18.6	---	---	13	30%	
Naphthalene	**6.30**	---	0.501	mg/kg dry	40	---	5.58	---	---	12	30%	
Phenanthrene	**3.30**	---	0.501	mg/kg dry	40	---	2.91	---	---	12	30%	
Pyrene	**2.15**	---	0.501	mg/kg dry	40	---	1.83	---	---	16	30%	

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Mill Creek-19-01-03**	
9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0643 - 08 09 19 1632**

QUALITY CONTROL (QC) SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9071165 - EPA 3546							**Soil**					
Duplicate (9071165-DUP1)			Prepared: 07/23/19 07:22 Analyzed: 07/23/19 15:49									
QC Source Sample: Non-SDG (A9G0289-02)												
Surr: 2-Fluorobiphenyl (Surr)			*Recovery: 85 %*	*Limits: 44-120 %*					*Dilution: 40x*			
p-Terphenyl-d14 (Surr)			*91 %*	*54-127 %*					*"*			
Matrix Spike (9071165-MS1)			Prepared: 07/23/19 07:22 Analyzed: 07/23/19 22:09									
QC Source Sample: DP-23(11-12) (A9G0643-09)												
EPA 8270D (SIM)												
Acenaphthene	0.645	---	0.0114	mg/kg dry	1	0.914	ND	71	40-122%	---	---	
Acenaphthylene	0.640	---	0.0114	mg/kg dry	1	0.914	ND	70	32-132%	---	---	
Anthracene	0.695	---	0.0114	mg/kg dry	1	0.914	ND	76	47-123%	---	---	
Benz(a)anthracene	0.654	---	0.0114	mg/kg dry	1	0.914	ND	72	49-126%	---	---	
Benzo(a)pyrene	0.789	---	0.0114	mg/kg dry	1	0.914	ND	86	45-129%	---	---	
Benzo(b)fluoranthene	0.782	---	0.0114	mg/kg dry	1	0.914	ND	86	45-132%	---	---	
Benzo(k)fluoranthene	0.761	---	0.0114	mg/kg dry	1	0.914	ND	83	47-132%	---	---	
Benzo(g,h,i)perylene	0.599	---	0.0114	mg/kg dry	1	0.914	ND	65	43-134%	---	---	
Chrysene	0.716	---	0.0114	mg/kg dry	1	0.914	ND	78	50-124%	---	---	
Dibenz(a,h)anthracene	0.671	---	0.0114	mg/kg dry	1	0.914	ND	73	45-134%	---	---	
Dibenzofuran	0.676	---	0.0114	mg/kg dry	1	0.914	ND	74	44-120%	---	---	
Fluoranthene	0.661	---	0.0114	mg/kg dry	1	0.914	ND	72	50-127%	---	---	
Fluorene	0.666	---	0.0114	mg/kg dry	1	0.914	ND	73	43-125%	---	---	
Indeno(1,2,3-cd)pyrene	0.645	---	0.0114	mg/kg dry	1	0.914	ND	71	45-133%	---	---	
1-Methylnaphthalene	0.661	---	0.0114	mg/kg dry	1	0.914	ND	72	40-120%	---	---	
2-Methylnaphthalene	0.663	---	0.0114	mg/kg dry	1	0.914	ND	73	38-122%	---	---	
Naphthalene	0.642	---	0.0114	mg/kg dry	1	0.914	ND	70	35-123%	---	---	
Phenanthrene	0.657	---	0.0114	mg/kg dry	1	0.914	ND	72	50-121%	---	---	
Pyrene	0.647	---	0.0114	mg/kg dry	1	0.914	ND	71	47-127%	---	---	
Surr: 2-Fluorobiphenyl (Surr)			*Recovery: 73 %*	*Limits: 44-120 %*					*Dilution: 1x*			
p-Terphenyl-d14 (Surr)			*82 %*	*54-127 %*					*"*			

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Mill Creek-19-01-03**	
9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0643 - 08 09 19 1632**

QUALITY CONTROL (QC) SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9071207 - EPA 3546							**Soil**					
Blank (9071207-BLK1)			Prepared: 07/24/19 07:01		Analyzed: 07/24/19 16:59							
EPA 8270D (SIM)												
Acenaphthene	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Acenaphthylene	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Anthracene	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Benz(a)anthracene	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Benzo(a)pyrene	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Benzo(b)fluoranthene	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Benzo(k)fluoranthene	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Benzo(g,h,i)perylene	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Chrysene	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Dibenz(a,h)anthracene	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Dibenzofuran	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Fluoranthene	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Fluorene	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Indeno(1,2,3-cd)pyrene	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
1-Methylnaphthalene	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
2-Methylnaphthalene	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Naphthalene	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Phenanthrene	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Pyrene	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Surr: 2-Fluorobiphenyl (Surr)			*Recovery: 81 %*		*Limits: 44-120 %*			*Dilution: 1x*				
p-Terphenyl-d14 (Surr)			*105 %*		*54-127 %*			*"*				
LCS (9071207-BS1)			Prepared: 07/24/19 07:01		Analyzed: 07/24/19 17:25							
EPA 8270D (SIM)												
Acenaphthene	0.618	---	0.0100	mg/kg wet	1	0.800	---	77	40-122%	---	---	
Acenaphthylene	0.604	---	0.0100	mg/kg wet	1	0.800	---	76	32-132%	---	---	
Anthracene	0.668	---	0.0100	mg/kg wet	1	0.800	---	83	47-123%	---	---	
Benz(a)anthracene	0.642	---	0.0100	mg/kg wet	1	0.800	---	80	49-126%	---	---	
Benzo(a)pyrene	0.793	---	0.0100	mg/kg wet	1	0.800	---	99	45-129%	---	---	
Benzo(b)fluoranthene	0.777	---	0.0100	mg/kg wet	1	0.800	---	97	45-132%	---	---	
Benzo(k)fluoranthene	0.746	---	0.0100	mg/kg wet	1	0.800	---	93	47-132%	---	---	
Benzo(g,h,i)perylene	0.579	---	0.0100	mg/kg wet	1	0.800	---	72	43-134%	---	---	
Chrysene	0.701	---	0.0100	mg/kg wet	1	0.800	---	88	50-124%	---	---	

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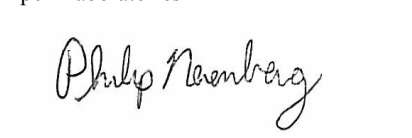

Philip Nerenberg, Lab Director

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503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Mill Creek-19-01-03**	
9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0643 - 08 09 19 1632**

QUALITY CONTROL (QC) SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9071207 - EPA 3546							**Soil**					
LCS (9071207-BS1)			Prepared: 07/24/19 07:01		Analyzed: 07/24/19 17:25							
Dibenz(a,h)anthracene	0.650	---	0.0100	mg/kg wet	1	0.800	---	81	45-134%	---	---	
Dibenzofuran	0.643	---	0.0100	mg/kg wet	1	0.800	---	80	44-120%	---	---	
Fluoranthene	0.680	---	0.0100	mg/kg wet	1	0.800	---	85	50-127%	---	---	
Fluorene	0.644	---	0.0100	mg/kg wet	1	0.800	---	81	43-125%	---	---	
Indeno(1,2,3-cd)pyrene	0.607	---	0.0100	mg/kg wet	1	0.800	---	76	45-133%	---	---	
1-Methylnaphthalene	0.639	---	0.0100	mg/kg wet	1	0.800	---	80	40-120%	---	---	
2-Methylnaphthalene	0.629	---	0.0100	mg/kg wet	1	0.800	---	79	38-122%	---	---	
Naphthalene	0.593	---	0.0100	mg/kg wet	1	0.800	---	74	35-123%	---	---	
Phenanthrene	0.633	---	0.0100	mg/kg wet	1	0.800	---	79	50-121%	---	---	
Pyrene	0.664	---	0.0100	mg/kg wet	1	0.800	---	83	47-127%	---	---	
Surr: 2-Fluorobiphenyl (Surr)			*Recovery: 82 %*		*Limits: 44-120 %*				*Dilution: 1x*			
p-Terphenyl-d14 (Surr)			*96 %*		*54-127 %*				*"*			
Duplicate (9071207-DUP1)			Prepared: 07/24/19 07:01		Analyzed: 07/24/19 18:15							
QC Source Sample: Non-SDG (A9G0384-01)												
Acenaphthene	ND	---	0.879	mg/kg dry	5	---	ND	---	---	---	30%	R-02
Acenaphthylene	ND	---	0.261	mg/kg dry	5	---	ND	---	---	---	30%	R-02
Anthracene	ND	---	0.295	mg/kg dry	5	---	ND	---	---	---	30%	R-02
Benz(a)anthracene	ND	---	0.0687	mg/kg dry	5	---	ND	---	---	---	30%	
Benzo(a)pyrene	ND	---	0.0687	mg/kg dry	5	---	ND	---	---	---	30%	
Benzo(b)fluoranthene	ND	---	0.0687	mg/kg dry	5	---	ND	---	---	---	30%	
Benzo(k)fluoranthene	ND	---	0.0687	mg/kg dry	5	---	ND	---	---	---	30%	
Benzo(g,h,i)perylene	ND	---	0.0687	mg/kg dry	5	---	ND	---	---	---	30%	
Chrysene	ND	---	0.0687	mg/kg dry	5	---	ND	---	---	---	30%	
Dibenz(a,h)anthracene	ND	---	0.0687	mg/kg dry	5	---	ND	---	---	---	30%	
Dibenzofuran	**1.19**	---	0.0687	mg/kg dry	5	---	1.14	---	---	4	30%	
Fluoranthene	**0.0880**	---	0.0687	mg/kg dry	5	---	0.0860	---	---	2	30%	
Fluorene	**2.18**	---	0.0687	mg/kg dry	5	---	2.05	---	---	6	30%	
Indeno(1,2,3-cd)pyrene	ND	---	0.0687	mg/kg dry	5	---	ND	---	---	---	30%	
1-Methylnaphthalene	**8.26**	---	0.0687	mg/kg dry	5	---	7.94	---	---	4	30%	
2-Methylnaphthalene	**6.18**	---	0.0687	mg/kg dry	5	---	5.88	---	---	5	30%	
Naphthalene	**2.44**	---	0.0687	mg/kg dry	5	---	2.36	---	---	3	30%	
Phenanthrene	**4.36**	---	0.0687	mg/kg dry	5	---	4.04	---	---	8	30%	
Pyrene	**0.278**	---	0.0687	mg/kg dry	5	---	0.259	---	---	7	30%	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Mill Creek-19-01-03**	
9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0643 - 08 09 19 1632**

QUALITY CONTROL (QC) SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9071207 - EPA 3546							**Soil**					
Duplicate (9071207-DUP1)			Prepared: 07/24/19 07:01		Analyzed: 07/24/19 18:15							
QC Source Sample: Non-SDG (A9G0384-01)												
Surr: 2-Fluorobiphenyl (Surr)			*Recovery: 84 %*		*Limits: 44-120 %*		*Dilution: 5x*					
p-Terphenyl-d14 (Surr)			*100 %*		*54-127 %*		*"*					
Matrix Spike (9071207-MS1)			Prepared: 07/24/19 07:01		Analyzed: 07/24/19 19:57							
QC Source Sample: Non-SDG (A9G0710-03)												
EPA 8270D (SIM)												
Acenaphthene	0.651	---	0.0120	mg/kg dry	1	0.959	ND	68	40-122%	---	---	
Acenaphthylene	0.586	---	0.0120	mg/kg dry	1	0.959	ND	61	32-132%	---	---	
Anthracene	0.619	---	0.0120	mg/kg dry	1	0.959	ND	65	47-123%	---	---	
Benz(a)anthracene	0.623	---	0.0120	mg/kg dry	1	0.959	0.0136	64	49-126%	---	---	
Benzo(a)pyrene	0.702	---	0.0120	mg/kg dry	1	0.959	ND	73	45-129%	---	---	
Benzo(b)fluoranthene	0.761	---	0.0120	mg/kg dry	1	0.959	0.00783	79	45-132%	---	---	
Benzo(k)fluoranthene	0.738	---	0.0120	mg/kg dry	1	0.959	ND	77	47-132%	---	---	
Benzo(g,h,i)perylene	0.567	---	0.0120	mg/kg dry	1	0.959	ND	59	43-134%	---	---	
Chrysene	0.713	---	0.0120	mg/kg dry	1	0.959	0.0180	72	50-124%	---	---	
Dibenz(a,h)anthracene	0.640	---	0.0120	mg/kg dry	1	0.959	ND	67	45-134%	---	---	
Dibenzofuran	0.686	---	0.0120	mg/kg dry	1	0.959	ND	72	44-120%	---	---	
Fluoranthene	0.701	---	0.0120	mg/kg dry	1	0.959	0.0470	68	50-127%	---	---	
Fluorene	0.684	---	0.0120	mg/kg dry	1	0.959	ND	71	43-125%	---	---	
Indeno(1,2,3-cd)pyrene	0.593	---	0.0120	mg/kg dry	1	0.959	ND	62	45-133%	---	---	
1-Methylnaphthalene	0.683	---	0.0120	mg/kg dry	1	0.959	ND	71	40-120%	---	---	
2-Methylnaphthalene	0.686	---	0.0120	mg/kg dry	1	0.959	ND	72	38-122%	---	---	
Naphthalene	0.651	---	0.0120	mg/kg dry	1	0.959	0.00605	67	35-123%	---	---	
Phenanthrene	0.810	---	0.0120	mg/kg dry	1	0.959	0.146	69	50-121%	---	---	
Pyrene	0.719	---	0.0120	mg/kg dry	1	0.959	0.0921	65	47-127%	---	---	
Surr: 2-Fluorobiphenyl (Surr)			*Recovery: 70 %*		*Limits: 44-120 %*		*Dilution: 1x*					
p-Terphenyl-d14 (Surr)			*78 %*		*54-127 %*		*"*					

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503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Mill Creek-19-01-03**	
9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0643 - 08 09 19 1632**

QUALITY CONTROL (QC) SAMPLE RESULTS

Total Metals by EPA 6020A (ICPMS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9071166 - EPA 3051A							**Soil**					
Blank (9071166-BLK1)			Prepared: 07/23/19 07:41		Analyzed: 07/23/19 19:26							
EPA 6020A												
Lead	ND	---	0.192	mg/kg wet	10	---	---	---	---	---	---	
LCS (9071166-BS1)			Prepared: 07/23/19 07:41		Analyzed: 07/23/19 20:48							
EPA 6020A												
Lead	47.2	---	0.200	mg/kg wet	10	50.0	---	94	80-120%	---	---	
Duplicate (9071166-DUP1)			Prepared: 07/23/19 07:41		Analyzed: 07/23/19 21:11							
QC Source Sample: DP-26(2-2.5) (A9G0643-15)												
EPA 6020A												
Lead	**16.9**	---	0.282	mg/kg dry	10	---	17.6	---	---	4	40%	
Matrix Spike (9071166-MS1)			Prepared: 07/23/19 07:41		Analyzed: 07/23/19 21:15							
QC Source Sample: DP-26(2-2.5) (A9G0643-15)												
EPA 6020A												
Lead	77.1	---	0.266	mg/kg dry	10	66.6	17.6	89	75-125%	---	---	

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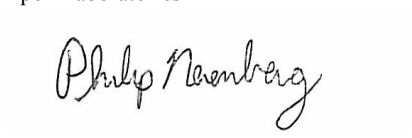

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9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0643 - 08 09 19 1632**

QUALITY CONTROL (QC) SAMPLE RESULTS

TCLP Metals by EPA 6020A (ICPMS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9080518 - EPA 1311/3015							**Solid**					
Blank (9080518-BLK1)			Prepared: 08/01/19 08:56 Analyzed: 08/01/19 15:50									
1311/6020A												
Lead	ND	---	0.0500	mg/L	10	---	---	---	---	---	---	TCLP
LCS (9080518-BS1)			Prepared: 08/01/19 08:56 Analyzed: 08/01/19 15:55									
1311/6020A												
Lead	4.83	---	0.0500	mg/L	10	5.00	---	97	80-120%	---	---	TCLP
Matrix Spike (9080518-MS1)			Prepared: 08/01/19 08:56 Analyzed: 08/01/19 16:04									
QC Source Sample: Non-SDG (A9G0374-02)												
1311/6020A												
Lead	5.01	---	0.0500	mg/L	10	5.00	0.0275	100	50-150%	---	---	
Matrix Spike (9080518-MS2)			Prepared: 08/01/19 08:56 Analyzed: 08/01/19 16:13									
QC Source Sample: DP-32(1-1.5) (A9G0643-26)												
1311/6020A												
Lead	5.29	---	0.0500	mg/L	10	5.00	0.173	102	50-150%	---	---	
Matrix Spike (9080518-MS3)			Prepared: 08/01/19 08:56 Analyzed: 08/01/19 16:21									
QC Source Sample: Non-SDG (A9G0709-01)												
1311/6020A												
Lead	4.90	---	0.0500	mg/L	10	5.00	ND	98	50-150%	---	---	

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9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0643 - 08 09 19 1632**

QUALITY CONTROL (QC) SAMPLE RESULTS

TCLP Metals by EPA 6020A (ICPMS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9080725 - EPA 1311/3015							**Soil**					
Blank (9080725-BLK1)			Prepared: 08/07/19 13:53		Analyzed: 08/07/19 18:48							
1311/6020A												
Lead	ND	---	0.0500	mg/L	10	---	---	---	---	---	---	TCLPb
LCS (9080725-BS1)			Prepared: 08/07/19 13:53		Analyzed: 08/07/19 18:54							
1311/6020A												
Lead	5.12	---	0.0500	mg/L	10	5.00	---	102	80-120%	---	---	TCLPb
Matrix Spike (9080725-MS1)			Prepared: 08/07/19 13:53		Analyzed: 08/07/19 19:11							
QC Source Sample: DP-26(1-1.5) (A9G0643-14RE1)												
1311/6020A												
Lead	5.21	---	0.0500	mg/L	10	5.00	0.350	97	50-150%	---	---	
Matrix Spike (9080725-MS2)			Prepared: 08/07/19 13:53		Analyzed: 08/07/19 19:33							
QC Source Sample: Non-SDG (A9G0899-02RE1)												
1311/6020A												
Lead	5.37	---	0.0500	mg/L	10	5.00	0.390	100	50-150%	---	---	

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GeoDesign, Inc.	Project: **Mill Creek-19-01-03**	
9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0643 - 08 09 19 1632**

QUALITY CONTROL (QC) SAMPLE RESULTS

Percent Dry Weight

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9071130 - Total Solids (Dry Weight)							Soil					
Duplicate (9071130-DUP1)			Prepared: 07/22/19 09:08		Analyzed: 07/23/19 08:05							
QC Source Sample: Non-SDG (A9G0627-01)												
% Solids	**80.9**	---	1.00	% by Weight	1	---	80.8	---	---	0.1	10%	
Duplicate (9071130-DUP2)			Prepared: 07/22/19 09:08		Analyzed: 07/23/19 08:05							
QC Source Sample: Non-SDG (A9G0662-01)												
% Solids	**98.7**	---	1.00	% by Weight	1	---	98.7	---	---	0.05	10%	
Duplicate (9071130-DUP3)			Prepared: 07/22/19 16:48		Analyzed: 07/23/19 08:05							
QC Source Sample: DP-24(12-13) (A9G0643-10)												
EPA 8000C												
% Solids	**81.0**	---	1.00	% by Weight	1	---	81.6	---	---	0.7	10%	
Duplicate (9071130-DUP4)			Prepared: 07/22/19 16:48		Analyzed: 07/23/19 08:05							
QC Source Sample: DP-29(1-1.5) (A9G0643-20)												
EPA 8000C												
% Solids	**80.2**	---	1.00	% by Weight	1	---	79.8	---	---	0.5	10%	
Duplicate (9071130-DUP5)			Prepared: 07/22/19 16:48		Analyzed: 07/23/19 08:05							
QC Source Sample: DP-32(2-2.5) (A9G0643-27)												
EPA 8000C												
% Solids	**76.6**	---	1.00	% by Weight	1	---	76.8	---	---	0.2	10%	
Duplicate (9071130-DUP6)			Prepared: 07/22/19 19:11		Analyzed: 07/23/19 08:05							
QC Source Sample: Non-SDG (A9G0687-02)												
% Solids	**89.4**	---	1.00	% by Weight	1	---	87.9	---	---	2	10%	
Duplicate (9071130-DUP7)			Prepared: 07/22/19 19:11		Analyzed: 07/23/19 08:05							
QC Source Sample: Non-SDG (A9G0693-03)												
% Solids	**87.2**	---	1.00	% by Weight	1	---	88.5	---	---	2	10%	

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GeoDesign, Inc.	Project: **Mill Creek-19-01-03**	
9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0643 - 08 09 19 1632**

QUALITY CONTROL (QC) SAMPLE RESULTS

Percent Dry Weight

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes

No Client related Batch QC samples analyzed for this batch. See notes page for more information.

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GeoDesign, Inc.	Project: **Mill Creek-19-01-03**	
9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0643 - 08 09 19 1632**

SAMPLE PREPARATION INFORMATION

Hydrocarbon Identification Screen by NWTPH-HCID

Prep: NWTPH-HCID (Soil)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 9071160							
A9G0643-01	Soil	NWTPH-HCID	07/18/19 09:45	07/22/19 15:39	10.77g/10mL	10g/10mL	0.93
A9G0643-02	Soil	NWTPH-HCID	07/18/19 10:20	07/22/19 15:39	10.53g/10mL	10g/10mL	0.95
A9G0643-03	Soil	NWTPH-HCID	07/18/19 11:25	07/22/19 15:39	10.49g/10mL	10g/10mL	0.95
A9G0643-04	Soil	NWTPH-HCID	07/18/19 12:30	07/22/19 15:39	10.41g/10mL	10g/10mL	0.96
A9G0643-05	Soil	NWTPH-HCID	07/18/19 12:35	07/22/19 15:39	10.98g/10mL	10g/10mL	0.91
A9G0643-06	Soil	NWTPH-HCID	07/18/19 13:06	07/22/19 15:39	10.14g/10mL	10g/10mL	0.99
A9G0643-08	Soil	NWTPH-HCID	07/18/19 13:25	07/22/19 15:39	10.36g/10mL	10g/10mL	0.97
A9G0643-09	Soil	NWTPH-HCID	07/18/19 13:27	07/22/19 15:39	10.01g/10mL	10g/10mL	1.00
A9G0643-10	Soil	NWTPH-HCID	07/18/19 14:06	07/22/19 15:39	10.4g/10mL	10g/10mL	0.96
A9G0643-11	Soil	NWTPH-HCID	07/18/19 14:24	07/22/19 15:39	10.02g/10mL	10g/10mL	1.00
Batch: 9071177							
A9G0643-07RE1	Soil	NWTPH-HCID	07/18/19 13:09	07/23/19 10:03	10.43g/10mL	10g/10mL	0.96

Selected Volatile Organic Compounds by EPA 5035A/8260C

Prep: EPA 5035A

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 9071169							
A9G0643-02	Soil	5035A/8260C	07/18/19 10:20	07/18/19 10:20	4.29g/5mL	5g/5mL	1.17
A9G0643-09	Soil	5035A/8260C	07/18/19 13:27	07/18/19 13:27	4.58g/5mL	5g/5mL	1.09

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Prep: EPA 3546

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 9071165							
A9G0643-09	Soil	EPA 8270D (SIM)	07/18/19 13:27	07/23/19 07:22	10.22g/5mL	10g/5mL	0.98
Batch: 9071207							
A9G0643-02RE1	Soil	EPA 8270D (SIM)	07/18/19 10:20	07/24/19 11:08	10.94g/5mL	10g/5mL	0.91

Total Metals by EPA 6020A (ICPMS)

Prep: EPA 3051A

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 9071166							

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Mill Creek-19-01-03**	
9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0643 - 08 09 19 1632**

SAMPLE PREPARATION INFORMATION

Total Metals by EPA 6020A (ICPMS)

Prep: EPA 3051A

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
A9G0643-12	Soil	EPA 6020A	07/18/19 15:03	07/23/19 07:41	0.467g/50mL	0.5g/50mL	1.07
A9G0643-13	Soil	EPA 6020A	07/18/19 15:05	07/23/19 07:41	0.508g/50mL	0.5g/50mL	0.98
A9G0643-14	Soil	EPA 6020A	07/18/19 15:11	07/23/19 07:41	0.454g/50mL	0.5g/50mL	1.10
A9G0643-15	Soil	EPA 6020A	07/18/19 15:13	07/23/19 07:41	0.483g/50mL	0.5g/50mL	1.04
A9G0643-16	Soil	EPA 6020A	07/18/19 15:22	07/23/19 07:41	0.499g/50mL	0.5g/50mL	1.00
A9G0643-17	Soil	EPA 6020A	07/18/19 15:25	07/23/19 07:41	0.458g/50mL	0.5g/50mL	1.09
A9G0643-18	Soil	EPA 6020A	07/18/19 15:35	07/23/19 07:41	0.45g/50mL	0.5g/50mL	1.11
A9G0643-19	Soil	EPA 6020A	07/18/19 15:37	07/23/19 07:41	0.494g/50mL	0.5g/50mL	1.01
A9G0643-20	Soil	EPA 6020A	07/18/19 15:42	07/23/19 07:41	0.467g/50mL	0.5g/50mL	1.07
A9G0643-21	Soil	EPA 6020A	07/18/19 15:45	07/23/19 07:41	0.479g/50mL	0.5g/50mL	1.04
A9G0643-22	Soil	EPA 6020A	07/18/19 15:54	07/23/19 07:41	0.469g/50mL	0.5g/50mL	1.07
A9G0643-23	Soil	EPA 6020A	07/18/19 15:56	07/23/19 07:41	0.463g/50mL	0.5g/50mL	1.08
A9G0643-24	Soil	EPA 6020A	07/18/19 16:01	07/23/19 07:41	0.509g/50mL	0.5g/50mL	0.98
A9G0643-25	Soil	EPA 6020A	07/18/19 16:04	07/23/19 07:41	0.469g/50mL	0.5g/50mL	1.07
A9G0643-26RE1	Soil	EPA 6020A	07/18/19 16:15	07/23/19 07:41	0.477g/50mL	0.5g/50mL	1.05
A9G0643-27	Soil	EPA 6020A	07/18/19 16:18	07/23/19 07:41	0.467g/50mL	0.5g/50mL	1.07

TCLP Metals by EPA 6020A (ICPMS)

Prep: EPA 1311/3015

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 9080518							
A9G0643-26	Soil	1311/6020A	07/18/19 16:15	08/01/19 08:56	10mL/50mL	10mL/50mL	1.00
Batch: 9080725							
A9G0643-14RE1	Soil	1311/6020A	07/18/19 15:11	08/07/19 13:53	10mL/50mL	10mL/50mL	1.00

Percent Dry Weight

Prep: Total Solids (Dry Weight)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 9071130							
A9G0643-01	Soil	EPA 8000C	07/18/19 09:45	07/22/19 16:48			NA
A9G0643-02	Soil	EPA 8000C	07/18/19 10:20	07/22/19 16:48			NA
A9G0643-03	Soil	EPA 8000C	07/18/19 11:25	07/22/19 16:48			NA
A9G0643-04	Soil	EPA 8000C	07/18/19 12:30	07/22/19 16:48			NA
A9G0643-05	Soil	EPA 8000C	07/18/19 12:35	07/22/19 16:48			NA
A9G0643-06	Soil	EPA 8000C	07/18/19 13:06	07/22/19 16:48			NA

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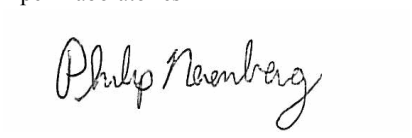

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GeoDesign, Inc.	Project: **Mill Creek-19-01-03**	
9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0643 - 08 09 19 1632**

SAMPLE PREPARATION INFORMATION

Percent Dry Weight

Prep: Total Solids (Dry Weight)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
A9G0643-07	Soil	EPA 8000C	07/18/19 13:09	07/22/19 16:48			NA
A9G0643-08	Soil	EPA 8000C	07/18/19 13:25	07/22/19 16:48			NA
A9G0643-09	Soil	EPA 8000C	07/18/19 13:27	07/22/19 16:48			NA
A9G0643-10	Soil	EPA 8000C	07/18/19 14:06	07/22/19 16:48			NA
A9G0643-11	Soil	EPA 8000C	07/18/19 14:24	07/22/19 16:48			NA
A9G0643-12	Soil	EPA 8000C	07/18/19 15:03	07/22/19 16:48			NA
A9G0643-13	Soil	EPA 8000C	07/18/19 15:05	07/22/19 16:48			NA
A9G0643-14	Soil	EPA 8000C	07/18/19 15:11	07/22/19 16:48			NA
A9G0643-15	Soil	EPA 8000C	07/18/19 15:13	07/22/19 16:48			NA
A9G0643-16	Soil	EPA 8000C	07/18/19 15:22	07/22/19 16:48			NA
A9G0643-17	Soil	EPA 8000C	07/18/19 15:25	07/22/19 16:48			NA
A9G0643-18	Soil	EPA 8000C	07/18/19 15:35	07/22/19 16:48			NA
A9G0643-19	Soil	EPA 8000C	07/18/19 15:37	07/22/19 16:48			NA
A9G0643-20	Soil	EPA 8000C	07/18/19 15:42	07/22/19 16:48			NA
A9G0643-21	Soil	EPA 8000C	07/18/19 15:45	07/22/19 16:48			NA
A9G0643-22	Soil	EPA 8000C	07/18/19 15:54	07/22/19 16:48			NA
A9G0643-23	Soil	EPA 8000C	07/18/19 15:56	07/22/19 16:48			NA
A9G0643-24	Soil	EPA 8000C	07/18/19 16:01	07/22/19 16:48			NA
A9G0643-25	Soil	EPA 8000C	07/18/19 16:04	07/22/19 16:48			NA
A9G0643-26	Soil	EPA 8000C	07/18/19 16:15	07/22/19 16:48			NA
A9G0643-27	Soil	EPA 8000C	07/18/19 16:18	07/22/19 16:48			NA

TCLP Extraction by EPA 1311

Prep: EPA 1311 (TCLP)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 9071445							
A9G0643-26	Soil	EPA 1311	07/18/19 16:15	07/31/19 15:14	100g/2000mL	100g/100mL	NA
Batch: 9080616							
A9G0643-14	Soil	EPA 1311	07/18/19 15:11	08/05/19 16:25	83g/1660mL	100g/100mL	NA

Apex Laboratories

Philip Nerenberg, Lab Director

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Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Mill Creek-19-01-03**	
9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0643 - 08 09 19 1632**

QUALIFIER DEFINITIONS

Client Sample and Quality Control (QC) Sample Qualifier Definitions:

Apex Laboratories

M-04	Due to matrix interference, this analyte cannot be accurately quantified. The reported result may contain a high bias.
Q-05	Analyses are not controlled on RPD values from sample and duplicate concentrations that are below 5 times the reporting level.
R-02	The Reporting Limit for this analyte has been raised to account for interference from coeluting organic compounds present in the sample.
TCLP	This batch QC sample was prepared with TCLP or SPLP fluid from preparation batch 9071445.
TCLPa	Limited sample volume. Leachate was prepared using less than the recommended amount of sample per EPA 1311 or 1312. To maintain consistency in leaching, the standard ratio of sample to leachate fluid was maintained.
TCLPb	This batch QC sample was prepared with TCLP or SPLP fluid from preparation batch 9080616.
V-15	Sample aliquot was subsampled from the sample container. The subsampled aliquot was preserved in the laboratory within 48 hours of sampling.

Apex Laboratories

Philip Nerenberg

Philip Nerenberg, Lab Director

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REPORTING NOTES AND CONVENTIONS:

Abbreviations:

DET Analyte DETECTED at or above the detection or reporting limit.

ND Analyte NOT DETECTED at or above the detection or reporting limit.

NR Result Not Reported

RPD Relative Percent Difference. RPDs for Matrix Spikes and Matrix Spike Duplicates are based on concentration, not recovery.

Detection Limits: Limit of Detection (LOD)

Limits of Detection (LODs) are normally set at a level of one half the validated Limit of Quantitation (LOQ).
If no value is listed ('-----'), then the data has not been evaluated below the Reporting Limit.

Reporting Limits: Limit of Quantitation (LOQ)

Validated Limits of Quantitation (LOQs) are reported as the Reporting Limits for all analyses where the LOQ, MRL, PQL or CRL are requested. The LOQ represents a level at or above the low point of the calibration curve, that has been validated according to Apex Laboratories' comprehensive LOQ policies and procedures.

Reporting Conventions:

Basis: Results for soil samples are generally reported on a 100% dry weight basis.
The Result Basis is listed following the units as " dry", " wet", or " " (blank) designation.

" dry" Sample results and Reporting Limits are reported on a dry weight basis. (i.e. "ug/kg dry")
See Percent Solids section for details of dry weight analysis.

" wet" Sample results and Reporting Limits for this analysis are normally dry weight corrected, but have not been modified in this case.

" " Results without 'wet' or 'dry' designation are not normally dry weight corrected. These results are considered 'As Received'.

QC Source:

In cases where there is insufficient sample provided for Sample Duplicates and/or Matrix Spikes, a Lab Control Sample Duplicate (LCS Dup) may be analyzed to demonstrate accuracy and precision of the extraction batch.

Non-Client Batch QC Samples (Duplicates and Matrix Spike/Duplicates) may not be included in this report. Please request a Full QC report if this data is required.

Miscellaneous Notes:

" --- " QC results are not applicable. For example, % Recoveries for Blanks and Duplicates, % RPD for Blanks, Blank Spikes and Matrix Spikes, etc.

" *** " Used to indicate a possible discrepancy with the Sample and Sample Duplicate results when the %RPD is not available. In this case, either the Sample or the Sample Duplicate has a reportable result for this analyte, while the other is Non Detect (ND).

Blanks:

Standard practice is to evaluate the results from Blank QC Samples down to a level equal to ½ the Reporting Limit (RL).
-For Blank hits falling between ½ the RL and the RL (J flagged hits), the associated sample and QC data will receive a 'B-02' qualifier.
-For Blank hits above the RL, the associated sample and QC data will receive a 'B' qualifier, per Apex Laboratories' Blank Policy.
For further details, please request a copy of this document.

Apex Laboratories

Philip Nerenberg, Lab Director

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9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0643 - 08 09 19 1632**

REPORTING NOTES AND CONVENTIONS (Cont.):

Blanks (Cont.):

Sample results flagged with a 'B' or 'B-02' qualifier are potentially biased high if the sample results are less than ten times the level found in the blank for inorganic analyses, or less than five times the level found in the blank for organic analyses.

'B' and 'B-02' qualifications are only applied to sample results detected above the Reporting Level.

Preparation Notes:

Mixed Matrix Samples:

Water Samples:

Water samples containing significant amounts of sediment are decanted or separated prior to extraction, and only the water portion analyzed, unless otherwise directed by the client.

Soil and Sediment Samples:

Soil and Sediment samples containing significant amounts of water are decanted prior to extraction, and only the solid portion analyzed, unless otherwise directed by the client.

Sampling and Preservation Notes:

Certain regulatory programs, such as National Pollutant Discharge Elimination System (NPDES), require that activities such as sample filtration (for dissolved metals, orthophosphate, hexavalent chromium, etc.) and testing of short hold analytes (pH, Dissolved Oxygen, etc.) be performed in the field (on-site) within a short time window. In addition, sample matrix spikes are required for some analyses, and sufficient volume must be provided, and billable site specific QC requested, if this is required. All regulatory permits should be reviewed to ensure that these requirements are being met.

Data users should be aware of which regulations pertain to the samples they submit for testing. If related sample collection activities are not approved for a particular regulatory program, results should be considered estimates. Apex Laboratories will qualify these analytes according to the most stringent requirements, however results for samples that are for non-regulatory purposes may be acceptable.

Samples that have been filtered and preserved at Apex Laboratories per client request are listed in the preparation section of the report with the date and time of filtration listed.

Apex Laboratories maintains detailed records on sample receipt, including client label verification, cooler temperature, sample preservation, hold time compliance and field filtration. Data is qualified as necessary, and the lack of qualification indicates compliance with required parameters.

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9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0643 - 08 09 19 1632**

LABORATORY ACCREDITATION INFORMATION

TNI Certification ID: OR100062 (Primary Accreditation) - EPA ID: OR01039

All methods and analytes reported from work performed at Apex Laboratories are included on Apex Laboratories' ORELAP Scope of Certification, with the exception of any analyte(s) listed below:

Apex Laboratories

Matrix	Analysis	TNI_ID	Analyte	TNI_ID	Accreditation

All reported analytes are included in Apex Laboratories' current ORELAP scope.

Secondary Accreditations

Apex Laboratories also maintains reciprocal accreditation with non-TNI states (Washington DOE), as well as other state specific accreditations not listed here.

Subcontract Laboratory Accreditations

Subcontracted data falls outside of Apex Laboratories' Scope of Accreditation.
Please see the Subcontract Laboratory report for full details, or contact your Project Manager for more information.

Field Testing Parameters

Results for Field Tested data are provded by the client or sampler, and fall outside of Apex Laboratories' Scope of Accreditation.

Apex Laboratories

Philip Nerenberg, Lab Director

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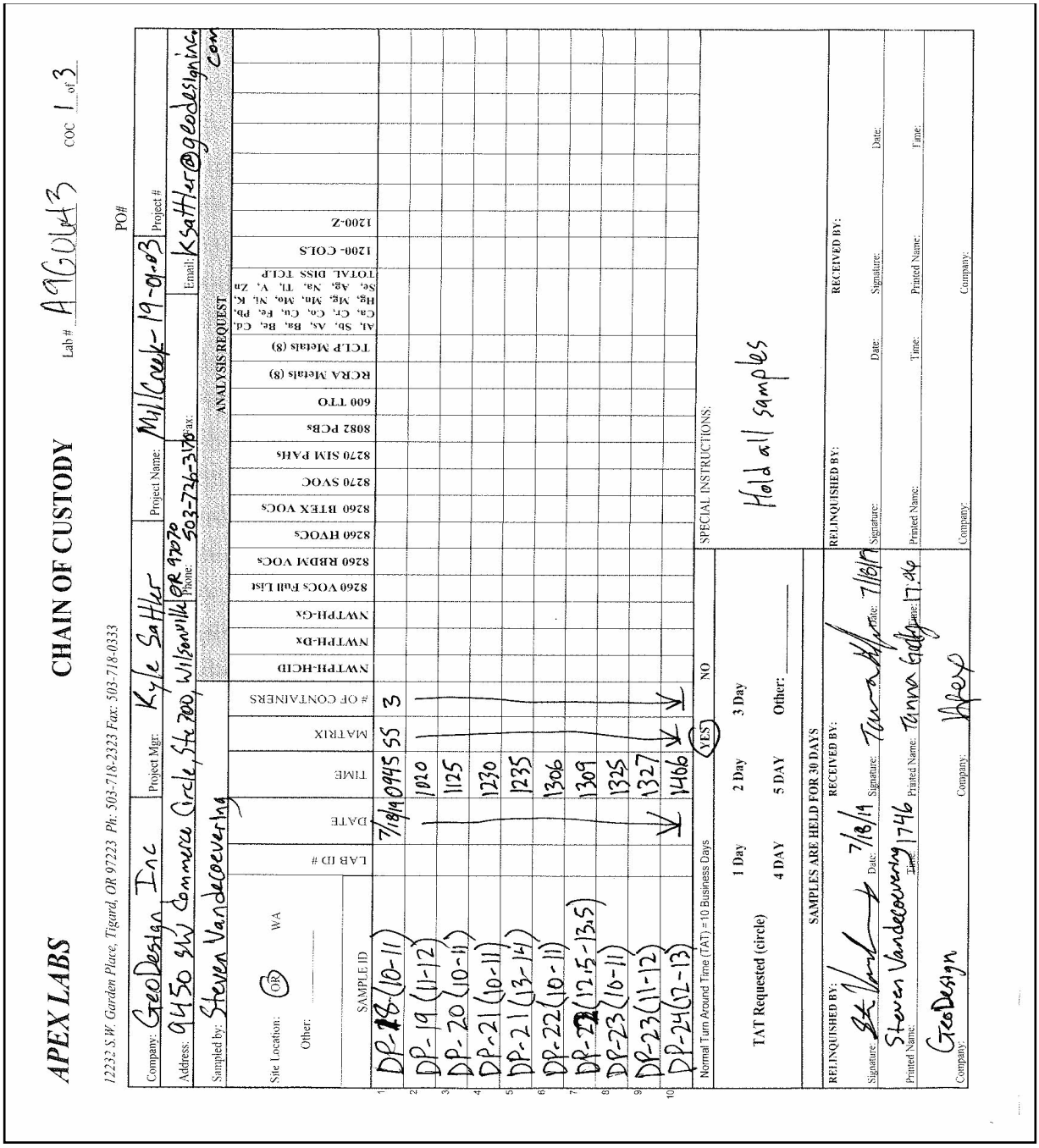
EPA ID: OR01039

GeoDesign, Inc.	Project: **Mill Creek-19-01-03**	
9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0643 - 08 09 19 1632**



APEX LABS

CHAIN OF CUSTODY

Lab # A9G0643 COC 1 of 3

12232 S.W. Garden Place, Tigard, OR 97223 Ph: 503-718-2323 Fax: 503-718-0333

PO#

Company: GeoDesign Inc | Project Mgr: Kyle Sattler | Project Name: Mill Creek-19-01-03 | Project #

Address: 9450 SW Commerce Circle, Ste 200, Wilsonville OR 97070 | Phone: 503-726-3708 Fax: | Email: KSattler@geodesigninc.com

Sampled by: Steven Vandeberg

Site Location: OR WA

Other:

ANALYSIS REQUEST

#	SAMPLE ID	LAB ID #	DATE	TIME	MATRIX	# OF CONTAINERS	NWTPH-HCID	NWTPH-Dx	NWTPH-Gx	8260 VOCs Full List	8260 RBDM VOCs	8260 HVOCs	8260 BTEX VOCs	8270 SVOC	8270 SIM PAHs	8082 PCBs	600 TTO	RCRA Metals (8)	TCLP Metals (8)	As, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Hg, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Tl, V, Zn TOTAL DISS TCLP	1200-COLS	1200-Z
1	DP-18-(10-11)		7/18/19	0945	SS	3																
2	DP-19-(11-12)			1020																		
3	DP-20-(10-11)			1125																		
4	DP-21-(10-11)			1230																		
5	DP-21-(13-14)			1235																		
6	DP-22-(10-11)			1306																		
7	DP-22-(12.5-13.5)			1309																		
8	DP-23-(10-11)			1325																		
9	DP-23-(11-12)			1327																		
10	DP-24-(12-13)			1466																		

Normal Turn Around Time (TAT) = 10 Business Days (YES) NO

SPECIAL INSTRUCTIONS: Hold all samples

TAT Requested (circle): 1 Day 2 Day 3 Day 4 DAY 5 DAY Other: _____

SAMPLES ARE HELD FOR 30 DAYS

RELINQUISHED BY: Signature: Date: 7/18/19 Printed Name: Time: 1746 Company:

RECEIVED BY: Signature: Date: Printed Name: Time: Company:

RELINQUISHED BY: Signature: Date: 7/18/19 Printed Name: Steven Vandeberg Time: 17:46 Company: GeoDesign

RECEIVED BY: Signature: Date: Printed Name: Time: Company: Apex

Apex Laboratories

Philip Nerenberg

Philip Nerenberg, Lab Director

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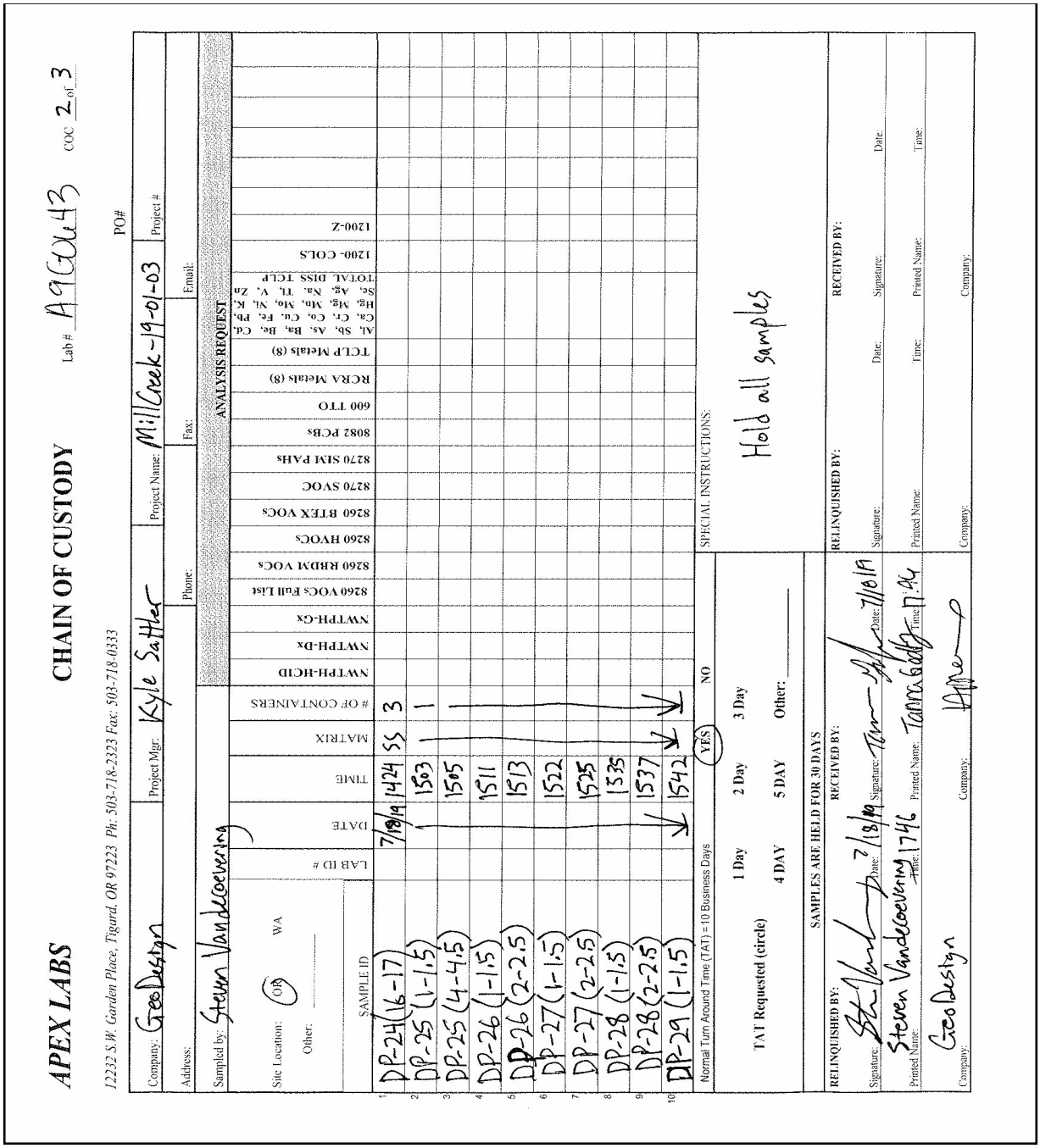
Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Mill Creek-19-01-03**	
9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0643 - 08 09 19 1632**



APEX LABS — **CHAIN OF CUSTODY** — Lab # A9G0643 — COC 2 of 3 — PO#

12232 S.W. Garden Place, Tigard, OR 97223 Ph: 503-718-2323 Fax: 503-718-0333

Company: GeoDesign — Project Mgr: Kyle Sattler — Project Name: Mill Creek-19-01-03 — Project #

Address: — Phone: — Fax: — Email:

Sampled by: Steven Vandeveering

Site Location: OR WA — Other:

#	SAMPLE ID	LAB ID #	DATE	TIME	MATRIX	# OF CONTAINERS	NWTPH-HCID	NWTPH-Dx	NWTPH-Gx	8260 VOCs Full List	8260 RBDM VOCs	8260 HVOCs	8260 BTEX VOCs	8270 SVOC	8270 SIM PAHs	8082 PCBs	600 TTO	RCRA Metals (8)	TCLP Metals (8)	Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Hg, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Tl, V, Zn TOTAL DISS TCLP	1200- COLS	1200-Z
1	DP-24 (16-17)		7/18/19	1424	SS	3																
2	DP-25 (1-1.5)			1503		1																
3	DP-25 (4-4.5)			1505		1																
4	DP-26 (1-1.5)			1511																		
5	DP-26 (2-2.5)			1513																		
6	DP-27 (1-1.5)			1522																		
7	DP-27 (2-2.5)			1525																		
8	DP-28 (1-1.5)			1535																		
9	DP-28 (2-2.5)			1537																		
10	DP-29 (1-1.5)			1542																		

Normal Turn Around Time (TAT) = 10 Business Days — (YES) NO

TAT Requested (circle): 1 Day — 2 Day — 3 Day — 4 DAY — 5 DAY — Other: _____

SPECIAL INSTRUCTIONS: Hold all samples

SAMPLES ARE HELD FOR 30 DAYS

RELINQUISHED BY: Signature: — Date: 7/18/19 — Time: 1746 — Printed Name: Steven Vandeveering — Company: GeoDesign

RECEIVED BY: Signature: — Date: 7/18/19 — Time: 17:46 — Printed Name: Tanya Gaddy — Company:

RELINQUISHED BY: Signature: — Date: — Time: — Printed Name: — Company:

RECEIVED BY: Signature: — Date: — Time: — Printed Name: — Company:

Apex Laboratories

Philip Nerenberg

Philip Nerenberg, Lab Director

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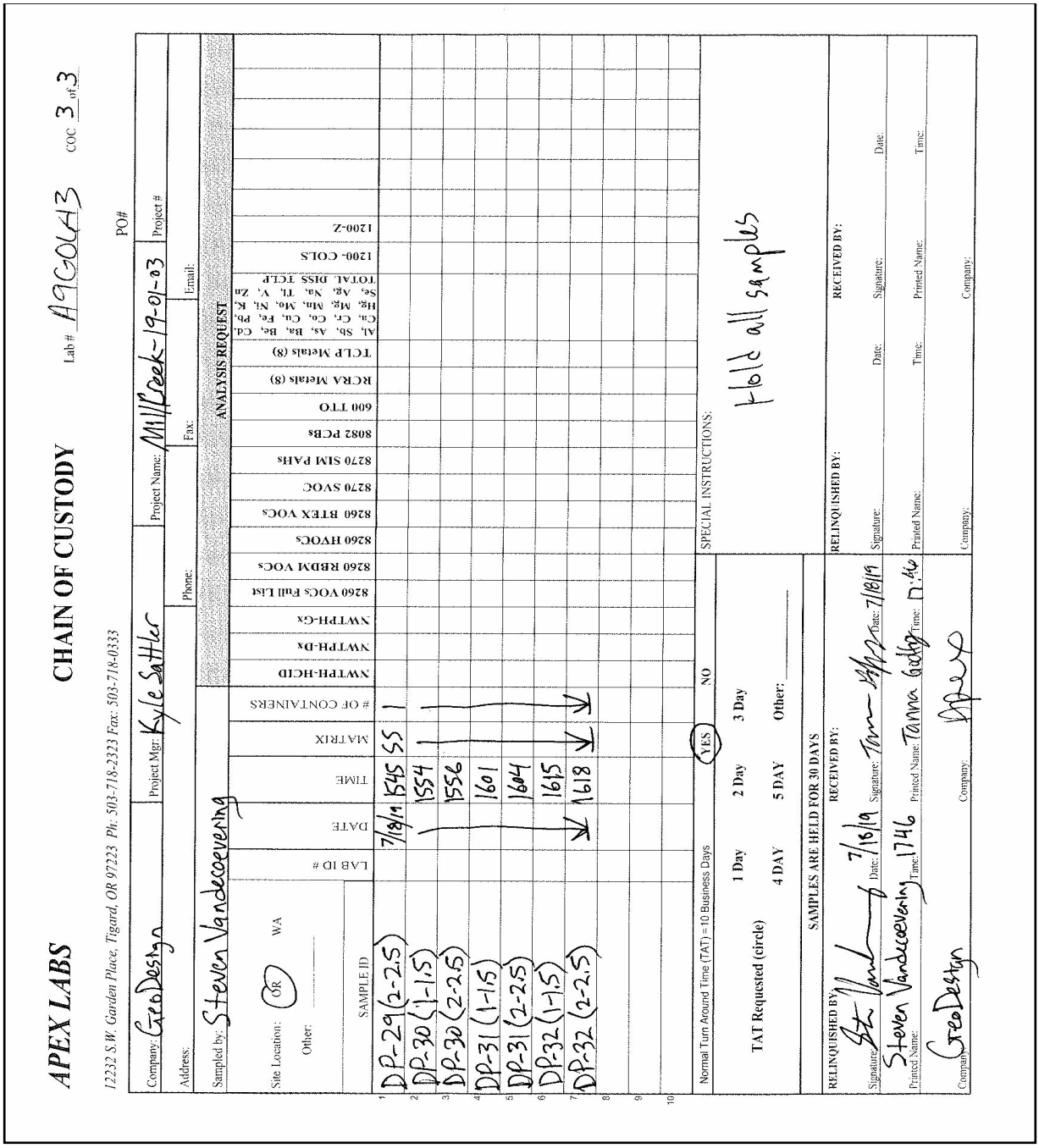
Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Mill Creek-19-01-03**	
9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0643 - 08 09 19 1632**



APEX LABS

CHAIN OF CUSTODY

Lab # A9G0643 COC 3 of 3

PO#

12232 S.W. Garden Place, Tigard, OR 97223 Ph: 503-718-2323 Fax: 503-718-0333

Company: GeoDesign | Project Mgr: Kyle Sattler | Project Name: Mill Creek-19-01-03 | Project #

Address: | Phone: | Fax: | Email:

Sampled by: Steven Vandeceevering

Site Location: OR WA

Other: _____

ANALYSIS REQUEST

SAMPLE ID	LAB ID #	DATE	TIME	MATRIX	# OF CONTAINERS	NWTPH-HCID	NWTPH-Dx	NWTPH-Gx	8260 VOCs Full List	8260 RBDM VOCs	8260 HVOCs	8260 BTEX VOCs	8270 SVOC	8270 SIM PAHs	8082 PCBs	600 TTO	RCRA Metals (8)	TCLP Metals (8)	Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Hg, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Tl, V, Zn TOTAL DISS TCLP	1200- COLS	1200-Z
1 DP-29 (2-2.5)		7/18/19	1545	SS	1																
2 DP-30 (1-1.5)			1554																		
3 DP-30 (2-2.5)			1556																		
4 DP-31 (1-1.5)			1601																		
5 DP-31 (2-2.5)			1604																		
6 DP-32 (1-1.5)			1615																		
7 DP-32 (2-2.5)		↓	1618	↓	↓																
8																					
9																					
10																					

Normal Turn Around Time (TAT) = 10 Business Days (YES) NO

SPECIAL INSTRUCTIONS: Hold all samples

TAT Requested (circle): 1 Day 2 Day 3 Day 4 DAY 5 DAY Other: _____

SAMPLES ARE HELD FOR 30 DAYS

RELINQUISHED BY: Signature: Steven Vandeceevering Printed Name: Steven Vandeceevering Company: GeoDesign | Date: 7/18/19 Time: 1746

RECEIVED BY: Signature: Tanna Gibbs Printed Name: Tanna Gibbs Company: Apex | Date: 7/18/19 Time: 1746

RELINQUISHED BY: Signature: _____ Printed Name: _____ Company: _____ | Date: _____ Time: _____

RECEIVED BY: Signature: _____ Printed Name: _____ Company: _____ | Date: _____ Time: _____

Apex Laboratories

Philip Nerenberg

Philip Nerenberg, Lab Director

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503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Mill Creek-19-01-03**	
9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0643 - 08 09 19 1632**

Apex Labs Cooler Receipt Summary Report

APEX LABS — CHAIN OF CUSTODY — Lab # A9G0643 — COC 1 of 3

11232 S.W. Garden Place, Tigard, OR 97223 Ph. 503-718-2323 Fax. 503-718-0333

Company: GeoDesign Inc — Project Mgr: Kyle Sattler — Project Name: Mill Creek-19-01-03 — Project #

Address: 9450 SW Commerce Circle, St 200, Wilsonville OR 97070 — Phone: 503-726-2736 — Email: KSattler@geodesigninc.com

Sampled by: Steven Vandeberg

Site Location: OR WA — Other: —

SAMPLE ID	LAB ID #	DATE	TIME	MATRIX	# OF CONTAINERS	NWTFH-HCID	NWTFH-Dx	NWTFH-GX	8260 VOCs For List	8260 BBDM VOCs	8260 HVOCs	8260 BTEX VOCs	8270 SVOC	8270 SIM PAHs	8082 PCBs	600 TCO	RCRA Metals (8)	TCLP Metals (8)	Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Tl, V, Zn TOTAL DISS TCLP	1280-COLS	1280-Z
DP-18 (10-11)		7/9/19	0955	SS	3	X															
DP-19 (11-12)			1010			X				X				X							
DP-20 (10-11)			1125			X															
DP-21 (10-11)			1230			X															
DP-21 (13-14)			1235			X															
DP-22 (10-11)			1306			X				X											
DP-22 (12.5-13.5)			1309			X															
DP-23 (10-11)			1325			X															
DP-23 (11-12)			1327			X				X				X							
DP-24 (12-13)		↓	1406	↓	↓	↓															

Normal Turn Around Time (TAT): 10 Business Days — (YES) NO

TAT Requested (circle): 1 Day, 2 Day, 3 Day, 4 DAY, 5 DAY, Other: ____

SPECIAL INSTRUCTIONS: Hold all samples

SAMPLES ARE HELD FOR 30 DAYS

RELINQUISHED BY: Signature: [signature] Date: 7/19/19 — RECEIVED BY: Signature: Tina Hilyard Date: 7/19/19

Printed Name: Steven Vandeberg Time: 1746 — Printed Name: Tanya Gidge Time: 17:40

Company: GeoDesign — Company: APEX

RELINQUISHED BY: Signature: Date: Time: — RECEIVED BY: Signature: Date: Time:

Printed Name: Time: — Printed Name: Time:

Company: Company:

Apex Laboratories

Philip Nerenberg

Philip Nerenberg, Lab Director

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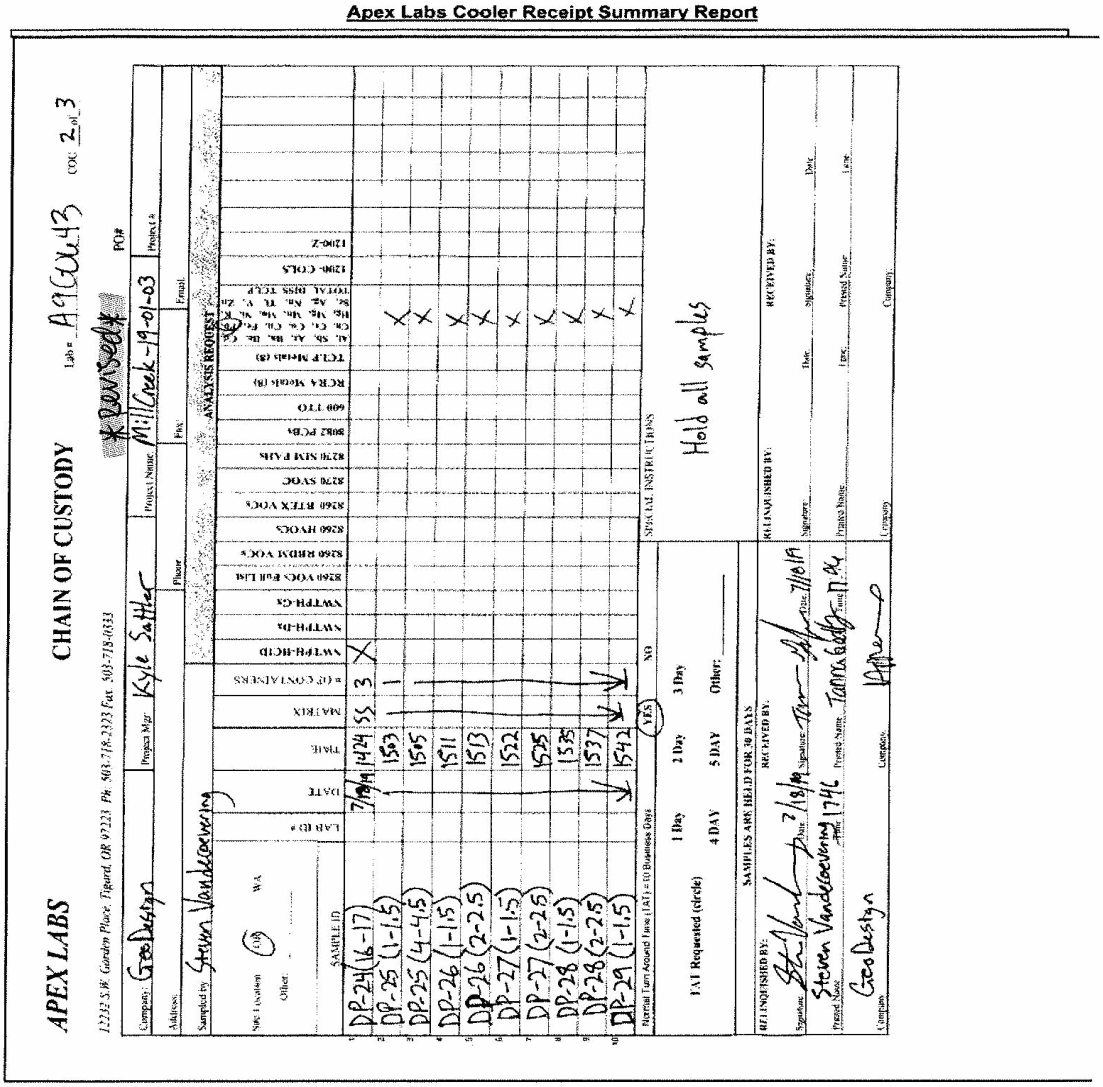
GeoDesign, Inc.	Project: **Mill Creek-19-01-03**	
9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0643 - 08 09 19 1632**

Apex Labs Cooler Receipt Summary Report



Apex Laboratories, LLC

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GeoDesign, Inc.	Project: **Mill Creek-19-01-03**	
9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
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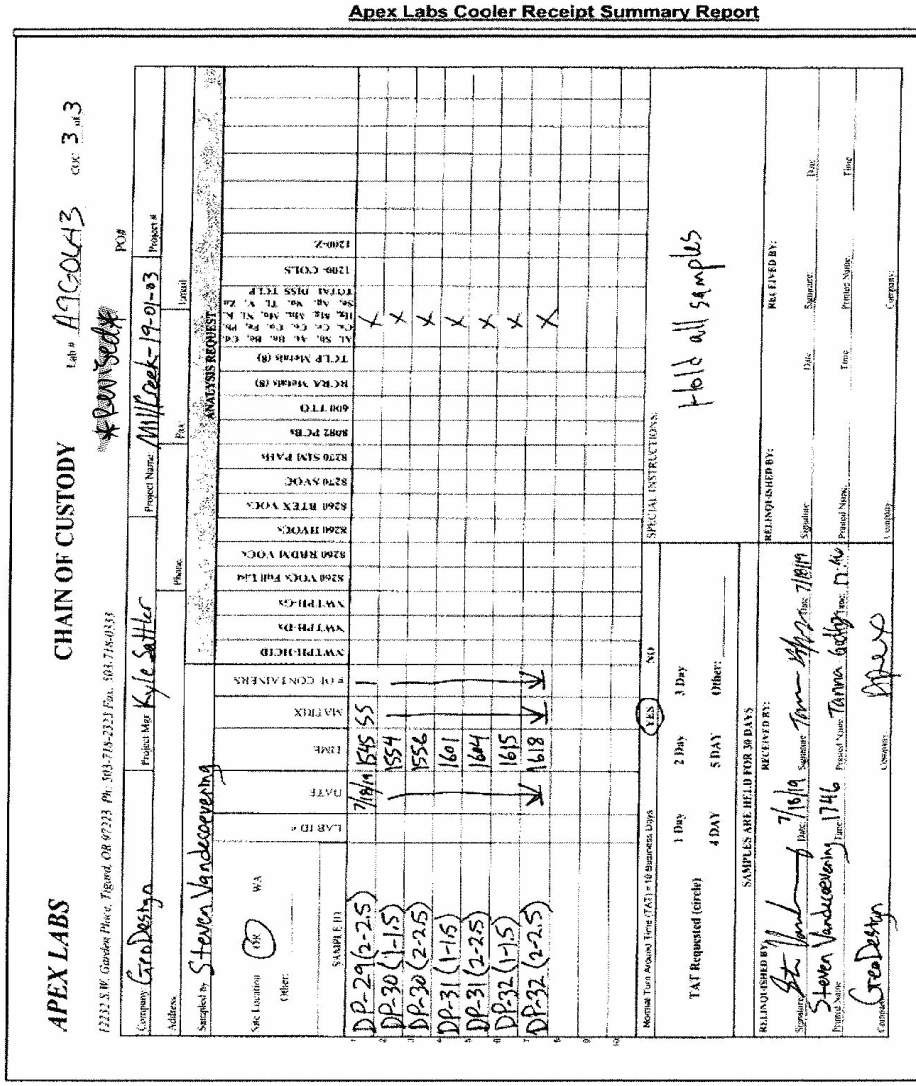
Apex Labs Cooler Receipt Summary Report



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Philip Nerenberg

Philip Nerenberg, Lab Director

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503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Mill Creek-19-01-03**	
9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0643 - 08 09 19 1632**

APEX LABS COOLER RECEIPT FORM

Client: Ge design Element WO#: A9 G0643

Project/Project #: MillCreek-19-01-03

Delivery Info:

Date/time received: 7/18/19@ 17:46 By: TAG

Delivered by: Apex____Client X ESS____FedEx____UPS____Swift____Senvoy ___SDS___Other_____

Cooler Inspection Date/time inspected: 7/18/19@ 17:46 By: TAG

Chain of Custody included? Yes X No ___ Custody seals? Yes_____ No X

Signed/dated by client? Yes X No ___

Signed/dated by Apex? Yes X No ___

	Cooler #1	Cooler #2	Cooler #3	Cooler #4	Cooler #5	Cooler #6	Cooler #7
Temperature (°C)	0A						
Received on ice? (Y/N)	Y						
Temp. blanks? (Y/N)	N						
Ice type: (Gel/Real/Other)	Real						
Condition:	good						

Cooler out of temp? (Y/N) Possible reason why:

If some coolers are in temp and some out, were green dots applied to out of temperature samples? Yes/No/NA

Out of temperature samples form initiated? Yes/No/NA

Samples Inspection: Date/time inspected: 7/19/19@ 1452 By: JS

All samples intact? Yes X No ___ Comments:

Bottle labels/COCs agree? Yes ___ No X Comments: Ton DP-24(12-13) containers reads 1407, DP-30(2-2.5) cont reads DP-30C, Ton

COC/container discrepancies form initiated? Yes ___ No ___ NA X

Containers/volumes received appropriate for analysis? Yes X No ___ Comments: _____

Do VOA vials have visible headspace? Yes ___ No ___ NA X

Comments

Water samples: pH checked: Yes___No___NA X pH appropriate? Yes___No___NA X

Comments:

Additional information: reads DP-24(16-17)N 1425

Labeled by: JS Witness: AD Cooler Inspected by: KRS See Project Contact Form: Y

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Philip Nerenberg

Philip Nerenberg, Lab Director

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
EPA ID: OR01039

Friday, August 9, 2019

Kyle Sattler
GeoDesign, Inc.
9450 SW Commerce Circle
Wilsonville, OR 97070

RE: A9G0977 - Mill Creek-19-01-03 - [none]

Thank you for using Apex Laboratories. We greatly appreciate your business and strive to provide the highest quality services to the environmental industry.

Enclosed are the results of analyses for work order A9G0977, which was received by the laboratory on 7/31/2019 at 3:36:00PM.

If you have any questions concerning this report or the services we offer, please feel free to contact me by email at: pnerenberg@apex-labs.com, or by phone at 503-718-2323.

Please note: All samples will be disposed of within 30 days of final reporting, unless prior arrangements have been made.

Cooler Receipt Information

(See Cooler Receipt Form for details)

Cooler #1 2.7 degC

This Final Report is the official version of the data results for this sample submission, unless superseded by a subsequent, labeled amended report.
All other deliverables derived from this data, including Electronic Data Deliverables (EDDs), CLP-like forms, client requested summary sheets, and all other products are considered secondary to this report.

Apex Laboratories

Philip Nerenberg

Philip Nerenberg, Lab Director

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6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Mill Creek-19-01-03**	
9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0977 - 08 09 19 1636**

ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
HA-4(0.5-1)	A9G0977-01	Soil	07/30/19 13:35	07/31/19 15:36
HA-5(0.3-0.7)	A9G0977-02	Soil	07/30/19 14:12	07/31/19 15:36
HA-5(0.7-1.2)	A9G0977-03	Soil	07/30/19 14:15	07/31/19 15:36
HA-6(0.5-1)	A9G0977-04	Soil	07/30/19 14:40	07/31/19 15:36
HA-6(1-1.5)	A9G0977-05	Soil	07/30/19 14:45	07/31/19 15:36
HA-7(0.2-0.7)	A9G0977-06	Soil	07/30/19 15:05	07/31/19 15:36
HA-7(1-1.5)	A9G0977-07	Soil	07/30/19 15:10	07/31/19 15:36
HA-8(1-1.3)	A9G0977-08	Soil	07/30/19 15:40	07/31/19 15:36
HA-8(1.3-1.5)	A9G0977-09	Soil	07/30/19 16:05	07/31/19 15:36
HA-9(0.5-1)	A9G0977-10	Soil	07/31/19 11:00	07/31/19 15:36
HA-10(0.3-0.7)	A9G0977-11	Soil	07/31/19 11:40	07/31/19 15:36
HA-11(0.5-1)	A9G0977-12	Soil	07/31/19 12:00	07/31/19 15:36
HA-11(1-1.5)	A9G0977-13	Soil	07/31/19 12:15	07/31/19 15:36
HA-12(1-1.5)	A9G0977-14	Soil	07/31/19 13:15	07/31/19 15:36
HA-13(0.5-1)	A9G0977-15	Soil	07/31/19 13:45	07/31/19 15:36
HA-13(1-1.5)	A9G0977-16	Soil	07/31/19 13:50	07/31/19 15:36
HA-14(0.5-1)	A9G0977-17	Soil	07/31/19 14:30	07/31/19 15:36
HA-14(1-1.5)	A9G0977-18	Soil	07/31/19 14:35	07/31/19 15:36

Apex Laboratories

Philip Nerenberg, Lab Director

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503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Mill Creek-19-01-03**	
9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0977 - 08 09 19 1636**

ANALYTICAL SAMPLE RESULTS

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
HA-8(1.3-1.5) (A9G0977-09)				**Matrix: Soil**		**Batch: 9071458**		
Diesel	**26.5**	---	25.0	mg/kg dry	1	07/31/19 23:39	NWTPH-Dx	**F-13**
Oil	**157**	---	50.0	mg/kg dry	1	07/31/19 23:39	NWTPH-Dx	
Surrogate: o-Terphenyl (Surr)		*Recovery: 96 %*		*Limits: 50-150 %*	*1*	*07/31/19 23:39*	*NWTPH-Dx*	
HA-10(0.3-0.7) (A9G0977-11)				**Matrix: Soil**		**Batch: 9071458**		
Diesel	ND	---	25.0	mg/kg dry	1	07/31/19 23:59	NWTPH-Dx	
Oil	**94.3**	---	50.0	mg/kg dry	1	07/31/19 23:59	NWTPH-Dx	
Surrogate: o-Terphenyl (Surr)		*Recovery: 100 %*		*Limits: 50-150 %*	*1*	*07/31/19 23:59*	*NWTPH-Dx*	

Apex Laboratories

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GeoDesign, Inc.	Project: **Mill Creek-19-01-03**	
9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0977 - 08 09 19 1636**

ANALYTICAL SAMPLE RESULTS

Gasoline Range Hydrocarbons (Benzene through Naphthalene) by NWTPH-Gx

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
HA-8(1.3-1.5) (A9G0977-09)				**Matrix: Soil**		**Batch: 9071442**		
Gasoline Range Organics	**57.7**	---	6.46	mg/kg dry	50	07/31/19 21:17	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		*Recovery:*	*130 %*	*Limits: 50-150 %*	*1*	*07/31/19 21:17*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*106 %*	*50-150 %*	*1*	*07/31/19 21:17*	*NWTPH-Gx (MS)*	
HA-10(0.3-0.7) (A9G0977-11)				**Matrix: Soil**		**Batch: 9071442**		
Gasoline Range Organics	ND	---	5.82	mg/kg dry	50	07/31/19 21:44	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		*Recovery:*	*107 %*	*Limits: 50-150 %*	*1*	*07/31/19 21:44*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*103 %*	*50-150 %*	*1*	*07/31/19 21:44*	*NWTPH-Gx (MS)*	

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GeoDesign, Inc.	Project: **Mill Creek-19-01-03**	
9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0977 - 08 09 19 1636**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
HA-8(1.3-1.5) (A9G0977-09)				**Matrix: Soil**		**Batch: 9071442**		
Acetone	ND	---	1.29	mg/kg dry	50	07/31/19 21:17	5035A/8260C	
Acrylonitrile	ND	---	0.129	mg/kg dry	50	07/31/19 21:17	5035A/8260C	
Benzene	ND	---	0.0129	mg/kg dry	50	07/31/19 21:17	5035A/8260C	
Bromobenzene	ND	---	0.0323	mg/kg dry	50	07/31/19 21:17	5035A/8260C	
Bromochloromethane	ND	---	0.0646	mg/kg dry	50	07/31/19 21:17	5035A/8260C	
Bromodichloromethane	ND	---	0.0646	mg/kg dry	50	07/31/19 21:17	5035A/8260C	
Bromoform	ND	---	0.129	mg/kg dry	50	07/31/19 21:17	5035A/8260C	
Bromomethane	ND	---	0.646	mg/kg dry	50	07/31/19 21:17	5035A/8260C	
2-Butanone (MEK)	ND	---	0.646	mg/kg dry	50	07/31/19 21:17	5035A/8260C	
n-Butylbenzene	ND	---	0.0646	mg/kg dry	50	07/31/19 21:17	5035A/8260C	
sec-Butylbenzene	ND	---	0.0646	mg/kg dry	50	07/31/19 21:17	5035A/8260C	
tert-Butylbenzene	ND	---	0.0646	mg/kg dry	50	07/31/19 21:17	5035A/8260C	
Carbon disulfide	ND	---	0.646	mg/kg dry	50	07/31/19 21:17	5035A/8260C	
Carbon tetrachloride	ND	---	0.0646	mg/kg dry	50	07/31/19 21:17	5035A/8260C	
Chlorobenzene	ND	---	0.0323	mg/kg dry	50	07/31/19 21:17	5035A/8260C	
Chloroethane	ND	---	0.646	mg/kg dry	50	07/31/19 21:17	5035A/8260C	
Chloroform	ND	---	0.0646	mg/kg dry	50	07/31/19 21:17	5035A/8260C	
Chloromethane	ND	---	0.323	mg/kg dry	50	07/31/19 21:17	5035A/8260C	
2-Chlorotoluene	ND	---	0.0646	mg/kg dry	50	07/31/19 21:17	5035A/8260C	
4-Chlorotoluene	ND	---	0.0646	mg/kg dry	50	07/31/19 21:17	5035A/8260C	
Dibromochloromethane	ND	---	0.129	mg/kg dry	50	07/31/19 21:17	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.323	mg/kg dry	50	07/31/19 21:17	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0646	mg/kg dry	50	07/31/19 21:17	5035A/8260C	
Dibromomethane	ND	---	0.0646	mg/kg dry	50	07/31/19 21:17	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0323	mg/kg dry	50	07/31/19 21:17	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0323	mg/kg dry	50	07/31/19 21:17	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0323	mg/kg dry	50	07/31/19 21:17	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.129	mg/kg dry	50	07/31/19 21:17	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0323	mg/kg dry	50	07/31/19 21:17	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	0.0323	mg/kg dry	50	07/31/19 21:17	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0323	mg/kg dry	50	07/31/19 21:17	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0323	mg/kg dry	50	07/31/19 21:17	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0323	mg/kg dry	50	07/31/19 21:17	5035A/8260C	

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Philip Nerenberg, Lab Director

Apex Laboratories, LLC

6700 S.W. Sandburg Street
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503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Mill Creek-19-01-03**	
9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0977 - 08 09 19 1636**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
HA-8(1.3-1.5) (A9G0977-09)				**Matrix: Soil**		**Batch: 9071442**		
1,2-Dichloropropane	ND	---	0.0323	mg/kg dry	50	07/31/19 21:17	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0646	mg/kg dry	50	07/31/19 21:17	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0646	mg/kg dry	50	07/31/19 21:17	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0646	mg/kg dry	50	07/31/19 21:17	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0646	mg/kg dry	50	07/31/19 21:17	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.129	mg/kg dry	50	07/31/19 21:17	5035A/8260C	
Ethylbenzene	ND	---	0.0323	mg/kg dry	50	07/31/19 21:17	5035A/8260C	
Hexachlorobutadiene	ND	---	0.129	mg/kg dry	50	07/31/19 21:17	5035A/8260C	
2-Hexanone	ND	---	0.646	mg/kg dry	50	07/31/19 21:17	5035A/8260C	
Isopropylbenzene	ND	---	0.0646	mg/kg dry	50	07/31/19 21:17	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0646	mg/kg dry	50	07/31/19 21:17	5035A/8260C	
Methylene chloride	ND	---	0.323	mg/kg dry	50	07/31/19 21:17	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.646	mg/kg dry	50	07/31/19 21:17	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0646	mg/kg dry	50	07/31/19 21:17	5035A/8260C	
Naphthalene	ND	---	0.129	mg/kg dry	50	07/31/19 21:17	5035A/8260C	
n-Propylbenzene	ND	---	0.0323	mg/kg dry	50	07/31/19 21:17	5035A/8260C	
Styrene	ND	---	0.0646	mg/kg dry	50	07/31/19 21:17	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.0323	mg/kg dry	50	07/31/19 21:17	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0646	mg/kg dry	50	07/31/19 21:17	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0323	mg/kg dry	50	07/31/19 21:17	5035A/8260C	
Toluene	ND	---	0.0646	mg/kg dry	50	07/31/19 21:17	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.323	mg/kg dry	50	07/31/19 21:17	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.323	mg/kg dry	50	07/31/19 21:17	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0323	mg/kg dry	50	07/31/19 21:17	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0323	mg/kg dry	50	07/31/19 21:17	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0323	mg/kg dry	50	07/31/19 21:17	5035A/8260C	
Trichlorofluoromethane	ND	---	0.129	mg/kg dry	50	07/31/19 21:17	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0646	mg/kg dry	50	07/31/19 21:17	5035A/8260C	
1,2,4-Trimethylbenzene	**0.134**	---	0.0646	mg/kg dry	50	07/31/19 21:17	5035A/8260C	
1,3,5-Trimethylbenzene	**0.0752**	---	0.0646	mg/kg dry	50	07/31/19 21:17	5035A/8260C	
Vinyl chloride	ND	---	0.0323	mg/kg dry	50	07/31/19 21:17	5035A/8260C	
m,p-Xylene	**0.119**	---	0.0646	mg/kg dry	50	07/31/19 21:17	5035A/8260C	
o-Xylene	**0.0678**	---	0.0323	mg/kg dry	50	07/31/19 21:17	5035A/8260C	

Apex Laboratories

Philip Nerenberg, Lab Director

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6700 S.W. Sandburg Street
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503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Mill Creek-19-01-03**	
9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0977 - 08 09 19 1636**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
HA-8(1.3-1.5) (A9G0977-09)				**Matrix: Soil**		**Batch: 9071442**		
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*107 %*	*Limits:* *80-120 %*	*1*	*07/31/19 21:17*	*5035A/8260C*	
Toluene-d8 (Surr)			*94 %*	*80-120 %*	*1*	*07/31/19 21:17*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*100 %*	*80-120 %*	*1*	*07/31/19 21:17*	*5035A/8260C*	
HA-10(0.3-0.7) (A9G0977-11)				**Matrix: Soil**		**Batch: 9071442**		
Acetone	ND	---	1.16	mg/kg dry	50	07/31/19 21:44	5035A/8260C	
Acrylonitrile	ND	---	0.116	mg/kg dry	50	07/31/19 21:44	5035A/8260C	
Benzene	ND	---	0.0116	mg/kg dry	50	07/31/19 21:44	5035A/8260C	
Bromobenzene	ND	---	0.0291	mg/kg dry	50	07/31/19 21:44	5035A/8260C	
Bromochloromethane	ND	---	0.0582	mg/kg dry	50	07/31/19 21:44	5035A/8260C	
Bromodichloromethane	ND	---	0.0582	mg/kg dry	50	07/31/19 21:44	5035A/8260C	
Bromoform	ND	---	0.116	mg/kg dry	50	07/31/19 21:44	5035A/8260C	
Bromomethane	ND	---	0.582	mg/kg dry	50	07/31/19 21:44	5035A/8260C	
2-Butanone (MEK)	ND	---	0.582	mg/kg dry	50	07/31/19 21:44	5035A/8260C	
n-Butylbenzene	ND	---	0.0582	mg/kg dry	50	07/31/19 21:44	5035A/8260C	
sec-Butylbenzene	ND	---	0.0582	mg/kg dry	50	07/31/19 21:44	5035A/8260C	
tert-Butylbenzene	ND	---	0.0582	mg/kg dry	50	07/31/19 21:44	5035A/8260C	
Carbon disulfide	ND	---	0.582	mg/kg dry	50	07/31/19 21:44	5035A/8260C	
Carbon tetrachloride	ND	---	0.0582	mg/kg dry	50	07/31/19 21:44	5035A/8260C	
Chlorobenzene	ND	---	0.0291	mg/kg dry	50	07/31/19 21:44	5035A/8260C	
Chloroethane	ND	---	0.582	mg/kg dry	50	07/31/19 21:44	5035A/8260C	
Chloroform	ND	---	0.0582	mg/kg dry	50	07/31/19 21:44	5035A/8260C	
Chloromethane	ND	---	0.291	mg/kg dry	50	07/31/19 21:44	5035A/8260C	
2-Chlorotoluene	ND	---	0.0582	mg/kg dry	50	07/31/19 21:44	5035A/8260C	
4-Chlorotoluene	ND	---	0.0582	mg/kg dry	50	07/31/19 21:44	5035A/8260C	
Dibromochloromethane	ND	---	0.116	mg/kg dry	50	07/31/19 21:44	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	0.291	mg/kg dry	50	07/31/19 21:44	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	0.0582	mg/kg dry	50	07/31/19 21:44	5035A/8260C	
Dibromomethane	ND	---	0.0582	mg/kg dry	50	07/31/19 21:44	5035A/8260C	
1,2-Dichlorobenzene	ND	---	0.0291	mg/kg dry	50	07/31/19 21:44	5035A/8260C	
1,3-Dichlorobenzene	ND	---	0.0291	mg/kg dry	50	07/31/19 21:44	5035A/8260C	
1,4-Dichlorobenzene	ND	---	0.0291	mg/kg dry	50	07/31/19 21:44	5035A/8260C	
Dichlorodifluoromethane	ND	---	0.116	mg/kg dry	50	07/31/19 21:44	5035A/8260C	
1,1-Dichloroethane	ND	---	0.0291	mg/kg dry	50	07/31/19 21:44	5035A/8260C	

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Mill Creek-19-01-03**	
9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0977 - 08 09 19 1636**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
HA-10(0.3-0.7) (A9G0977-11)				**Matrix: Soil**		**Batch: 9071442**		
1,2-Dichloroethane (EDC)	ND	---	0.0291	mg/kg dry	50	07/31/19 21:44	5035A/8260C	
1,1-Dichloroethene	ND	---	0.0291	mg/kg dry	50	07/31/19 21:44	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	0.0291	mg/kg dry	50	07/31/19 21:44	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	0.0291	mg/kg dry	50	07/31/19 21:44	5035A/8260C	
1,2-Dichloropropane	ND	---	0.0291	mg/kg dry	50	07/31/19 21:44	5035A/8260C	
1,3-Dichloropropane	ND	---	0.0582	mg/kg dry	50	07/31/19 21:44	5035A/8260C	
2,2-Dichloropropane	ND	---	0.0582	mg/kg dry	50	07/31/19 21:44	5035A/8260C	
1,1-Dichloropropene	ND	---	0.0582	mg/kg dry	50	07/31/19 21:44	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	0.0582	mg/kg dry	50	07/31/19 21:44	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	0.116	mg/kg dry	50	07/31/19 21:44	5035A/8260C	
Ethylbenzene	ND	---	0.0291	mg/kg dry	50	07/31/19 21:44	5035A/8260C	
Hexachlorobutadiene	ND	---	0.116	mg/kg dry	50	07/31/19 21:44	5035A/8260C	
2-Hexanone	ND	---	0.582	mg/kg dry	50	07/31/19 21:44	5035A/8260C	
Isopropylbenzene	ND	---	0.0582	mg/kg dry	50	07/31/19 21:44	5035A/8260C	
4-Isopropyltoluene	ND	---	0.0582	mg/kg dry	50	07/31/19 21:44	5035A/8260C	
Methylene chloride	ND	---	0.291	mg/kg dry	50	07/31/19 21:44	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	0.582	mg/kg dry	50	07/31/19 21:44	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	0.0582	mg/kg dry	50	07/31/19 21:44	5035A/8260C	
Naphthalene	ND	---	0.116	mg/kg dry	50	07/31/19 21:44	5035A/8260C	
n-Propylbenzene	ND	---	0.0291	mg/kg dry	50	07/31/19 21:44	5035A/8260C	
Styrene	ND	---	0.0582	mg/kg dry	50	07/31/19 21:44	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	0.0291	mg/kg dry	50	07/31/19 21:44	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	0.0582	mg/kg dry	50	07/31/19 21:44	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	0.0291	mg/kg dry	50	07/31/19 21:44	5035A/8260C	
Toluene	ND	---	0.0582	mg/kg dry	50	07/31/19 21:44	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	0.291	mg/kg dry	50	07/31/19 21:44	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	0.291	mg/kg dry	50	07/31/19 21:44	5035A/8260C	
1,1,1-Trichloroethane	ND	---	0.0291	mg/kg dry	50	07/31/19 21:44	5035A/8260C	
1,1,2-Trichloroethane	ND	---	0.0291	mg/kg dry	50	07/31/19 21:44	5035A/8260C	
Trichloroethene (TCE)	ND	---	0.0291	mg/kg dry	50	07/31/19 21:44	5035A/8260C	
Trichlorofluoromethane	ND	---	0.116	mg/kg dry	50	07/31/19 21:44	5035A/8260C	
1,2,3-Trichloropropane	ND	---	0.0582	mg/kg dry	50	07/31/19 21:44	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	0.0582	mg/kg dry	50	07/31/19 21:44	5035A/8260C	

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6700 S.W. Sandburg Street
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503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Mill Creek-19-01-03**	
9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0977 - 08 09 19 1636**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
HA-10(0.3-0.7) (A9G0977-11)				**Matrix: Soil**		**Batch: 9071442**		
1,3,5-Trimethylbenzene	ND	---	0.0582	mg/kg dry	50	07/31/19 21:44	5035A/8260C	
Vinyl chloride	ND	---	0.0291	mg/kg dry	50	07/31/19 21:44	5035A/8260C	
m,p-Xylene	ND	---	0.0582	mg/kg dry	50	07/31/19 21:44	5035A/8260C	
o-Xylene	ND	---	0.0291	mg/kg dry	50	07/31/19 21:44	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*106 %*	*Limits: 80-120 %*	*1*	*07/31/19 21:44*	*5035A/8260C*	
Toluene-d8 (Surr)			*101 %*	*80-120 %*	*1*	*07/31/19 21:44*	*5035A/8260C*	
4-Bromofluorobenzene (Surr)			*97 %*	*80-120 %*	*1*	*07/31/19 21:44*	*5035A/8260C*	

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GeoDesign, Inc.	Project: **Mill Creek-19-01-03**	
9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0977 - 08 09 19 1636**

ANALYTICAL SAMPLE RESULTS

Polychlorinated Biphenyls by EPA 8082A

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
HA-8(1.3-1.5) (A9G0977-09)				**Matrix: Soil**		**Batch: 9071446**		**C-07**
Aroclor 1016	ND	---	0.0102	mg/kg dry	1	08/01/19 09:37	EPA 8082A	
Aroclor 1221	ND	---	0.0102	mg/kg dry	1	08/01/19 09:37	EPA 8082A	
Aroclor 1232	ND	---	0.0102	mg/kg dry	1	08/01/19 09:37	EPA 8082A	
Aroclor 1242	ND	---	0.0102	mg/kg dry	1	08/01/19 09:37	EPA 8082A	
Aroclor 1248	ND	---	0.0102	mg/kg dry	1	08/01/19 09:37	EPA 8082A	
Aroclor 1254	ND	---	0.0102	mg/kg dry	1	08/01/19 09:37	EPA 8082A	
Aroclor 1260	ND	---	0.0102	mg/kg dry	1	08/01/19 09:37	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 82 %*		*Limits: 60-125 %*	*1*	*08/01/19 09:37*	*EPA 8082A*	
HA-10(0.3-0.7) (A9G0977-11)				**Matrix: Soil**		**Batch: 9071446**		**C-07**
Aroclor 1016	ND	---	0.0101	mg/kg dry	1	08/01/19 10:12	EPA 8082A	
Aroclor 1221	ND	---	0.0101	mg/kg dry	1	08/01/19 10:12	EPA 8082A	
Aroclor 1232	ND	---	0.0101	mg/kg dry	1	08/01/19 10:12	EPA 8082A	
Aroclor 1242	ND	---	0.0101	mg/kg dry	1	08/01/19 10:12	EPA 8082A	
Aroclor 1248	ND	---	0.0101	mg/kg dry	1	08/01/19 10:12	EPA 8082A	
Aroclor 1254	ND	---	0.0101	mg/kg dry	1	08/01/19 10:12	EPA 8082A	
Aroclor 1260	ND	---	0.0101	mg/kg dry	1	08/01/19 10:12	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 90 %*		*Limits: 60-125 %*	*1*	*08/01/19 10:12*	*EPA 8082A*	

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Mill Creek-19-01-03**	
9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0977 - 08 09 19 1636**

ANALYTICAL SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
HA-8(1.3-1.5) (A9G0977-09)				**Matrix: Soil**		**Batch: 9071469**		
Acenaphthene	ND	---	0.0108	mg/kg dry	1	08/01/19 11:15	EPA 8270D (SIM)	
Acenaphthylene	**0.0267**	---	0.0108	mg/kg dry	1	08/01/19 11:15	EPA 8270D (SIM)	
Anthracene	**0.0185**	---	0.0108	mg/kg dry	1	08/01/19 11:15	EPA 8270D (SIM)	
Benz(a)anthracene	**0.0696**	---	0.0108	mg/kg dry	1	08/01/19 11:15	EPA 8270D (SIM)	
Benzo(a)pyrene	**0.116**	---	0.0108	mg/kg dry	1	08/01/19 11:15	EPA 8270D (SIM)	
Benzo(b)fluoranthene	**0.146**	---	0.0108	mg/kg dry	1	08/01/19 11:15	EPA 8270D (SIM)	**M-05**
Benzo(k)fluoranthene	**0.0432**	---	0.0108	mg/kg dry	1	08/01/19 11:15	EPA 8270D (SIM)	**M-05**
Benzo(g,h,i)perylene	**0.111**	---	0.0108	mg/kg dry	1	08/01/19 11:15	EPA 8270D (SIM)	
Chrysene	**0.136**	---	0.0108	mg/kg dry	1	08/01/19 11:15	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	**0.0165**	---	0.0108	mg/kg dry	1	08/01/19 11:15	EPA 8270D (SIM)	
Dibenzofuran	ND	---	0.0108	mg/kg dry	1	08/01/19 11:15	EPA 8270D (SIM)	
Fluoranthene	**0.183**	---	0.0108	mg/kg dry	1	08/01/19 11:15	EPA 8270D (SIM)	
Fluorene	**0.0111**	---	0.0108	mg/kg dry	1	08/01/19 11:15	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	**0.0912**	---	0.0108	mg/kg dry	1	08/01/19 11:15	EPA 8270D (SIM)	
1-Methylnaphthalene	**0.0920**	---	0.0108	mg/kg dry	1	08/01/19 11:15	EPA 8270D (SIM)	
2-Methylnaphthalene	**0.138**	---	0.0108	mg/kg dry	1	08/01/19 11:15	EPA 8270D (SIM)	
Naphthalene	**0.108**	---	0.0108	mg/kg dry	1	08/01/19 11:15	EPA 8270D (SIM)	
Phenanthrene	**0.170**	---	0.0108	mg/kg dry	1	08/01/19 11:15	EPA 8270D (SIM)	
Pyrene	**0.231**	---	0.0108	mg/kg dry	1	08/01/19 11:15	EPA 8270D (SIM)	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*74 %*	*Limits: 44-120 %*	*1*	*08/01/19 11:15*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*83 %*	*54-127 %*	*1*	*08/01/19 11:15*	*EPA 8270D (SIM)*	
HA-10(0.3-0.7) (A9G0977-11)				**Matrix: Soil**		**Batch: 9071469**		
Acenaphthene	ND	---	0.00968	mg/kg dry	1	08/01/19 12:06	EPA 8270D (SIM)	
Acenaphthylene	**0.0237**	---	0.00968	mg/kg dry	1	08/01/19 12:06	EPA 8270D (SIM)	
Anthracene	**0.0121**	---	0.00968	mg/kg dry	1	08/01/19 12:06	EPA 8270D (SIM)	
Benz(a)anthracene	**0.0637**	---	0.00968	mg/kg dry	1	08/01/19 12:06	EPA 8270D (SIM)	
Benzo(a)pyrene	**0.127**	---	0.00968	mg/kg dry	1	08/01/19 12:06	EPA 8270D (SIM)	**Q-42**
Benzo(b)fluoranthene	**0.166**	---	0.00968	mg/kg dry	1	08/01/19 12:06	EPA 8270D (SIM)	**M-05**
Benzo(k)fluoranthene	**0.0481**	---	0.00968	mg/kg dry	1	08/01/19 12:06	EPA 8270D (SIM)	**M-05**
Benzo(g,h,i)perylene	**0.125**	---	0.00968	mg/kg dry	1	08/01/19 12:06	EPA 8270D (SIM)	
Chrysene	**0.134**	---	0.00968	mg/kg dry	1	08/01/19 12:06	EPA 8270D (SIM)	
Dibenz(a,h)anthracene	**0.0135**	---	0.00968	mg/kg dry	1	08/01/19 12:06	EPA 8270D (SIM)	

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Mill Creek-19-01-03**	
9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0977 - 08 09 19 1636**

ANALYTICAL SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
HA-10(0.3-0.7) (A9G0977-11)				**Matrix: Soil**		**Batch: 9071469**		
Dibenzofuran	ND	---	0.00968	mg/kg dry	1	08/01/19 12:06	EPA 8270D (SIM)	
Fluoranthene	**0.228**	---	0.00968	mg/kg dry	1	08/01/19 12:06	EPA 8270D (SIM)	**Q-42**
Fluorene	ND	---	0.00968	mg/kg dry	1	08/01/19 12:06	EPA 8270D (SIM)	
Indeno(1,2,3-cd)pyrene	**0.104**	---	0.00968	mg/kg dry	1	08/01/19 12:06	EPA 8270D (SIM)	
1-Methylnaphthalene	ND	---	0.00968	mg/kg dry	1	08/01/19 12:06	EPA 8270D (SIM)	
2-Methylnaphthalene	ND	---	0.00968	mg/kg dry	1	08/01/19 12:06	EPA 8270D (SIM)	
Naphthalene	**0.0285**	---	0.00968	mg/kg dry	1	08/01/19 12:06	EPA 8270D (SIM)	
Phenanthrene	**0.157**	---	0.00968	mg/kg dry	1	08/01/19 12:06	EPA 8270D (SIM)	**Q-42**
Pyrene	**0.275**	---	0.00968	mg/kg dry	1	08/01/19 12:06	EPA 8270D (SIM)	**Q-42**
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*75 %*	*Limits: 44-120 %*	*1*	*08/01/19 12:06*	*EPA 8270D (SIM)*	
p-Terphenyl-d14 (Surr)			*85 %*	*54-127 %*	*1*	*08/01/19 12:06*	*EPA 8270D (SIM)*	

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GeoDesign, Inc.	Project: **Mill Creek-19-01-03**	
9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0977 - 08 09 19 1636**

ANALYTICAL SAMPLE RESULTS

Total Metals by EPA 6020A (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
HA-4(0.5-1) (A9G0977-01)				**Matrix: Soil**				
Batch: 9080515								
Lead	**67.5**	---	0.225	mg/kg dry	10	08/01/19 13:10	EPA 6020A	
HA-5(0.3-0.7) (A9G0977-02)				**Matrix: Soil**				
Batch: 9080515								
Lead	**52.2**	---	0.237	mg/kg dry	10	08/01/19 13:14	EPA 6020A	
HA-5(0.7-1.2) (A9G0977-03)				**Matrix: Soil**				
Batch: 9080515								
Lead	**14.6**	---	0.261	mg/kg dry	10	08/01/19 13:19	EPA 6020A	
HA-6(0.5-1) (A9G0977-04)				**Matrix: Soil**				
Batch: 9080515								
Lead	**12.6**	---	0.234	mg/kg dry	10	08/01/19 13:23	EPA 6020A	
HA-6(1-1.5) (A9G0977-05)				**Matrix: Soil**				
Batch: 9080515								
Lead	**16.8**	---	0.256	mg/kg dry	10	08/01/19 13:36	EPA 6020A	
HA-7(0.2-0.7) (A9G0977-06)				**Matrix: Soil**				
Batch: 9080515								
Lead	**131**	---	0.247	mg/kg dry	10	08/01/19 13:41	EPA 6020A	
HA-7(1-1.5) (A9G0977-07)				**Matrix: Soil**				
Batch: 9080515								
Lead	**16.9**	---	0.263	mg/kg dry	10	08/01/19 13:54	EPA 6020A	
HA-8(1-1.3) (A9G0977-08)				**Matrix: Soil**				
Batch: 9080515								
Lead	**54.6**	---	0.234	mg/kg dry	10	08/01/19 13:59	EPA 6020A	
HA-8(1.3-1.5) (A9G0977-09)				**Matrix: Soil**				
Batch: 9080515								
Lead	**94.6**	---	0.228	mg/kg dry	10	08/01/19 14:03	EPA 6020A	
HA-9(0.5-1) (A9G0977-10)				**Matrix: Soil**				
Batch: 9080515								

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Mill Creek-19-01-03**	
9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0977 - 08 09 19 1636**

ANALYTICAL SAMPLE RESULTS

Total Metals by EPA 6020A (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
HA-9(0.5-1) (A9G0977-10)				**Matrix: Soil**				
Lead	**15.7**	---	0.264	mg/kg dry	10	08/01/19 14:08	EPA 6020A	
HA-10(0.3-0.7) (A9G0977-11)				**Matrix: Soil**				
Batch: 9080515								
Lead	**232**	---	0.240	mg/kg dry	10	08/01/19 14:12	EPA 6020A	
HA-11(0.5-1) (A9G0977-12)				**Matrix: Soil**				
Batch: 9080515								
Lead	**329**	---	0.217	mg/kg dry	10	08/01/19 14:16	EPA 6020A	
HA-11(1-1.5) (A9G0977-13)				**Matrix: Soil**				
Batch: 9080515								
Lead	**12.7**	---	0.251	mg/kg dry	10	08/01/19 14:21	EPA 6020A	
HA-12(1-1.5) (A9G0977-14)				**Matrix: Soil**				
Batch: 9080515								
Lead	**16.5**	---	0.244	mg/kg dry	10	08/01/19 14:25	EPA 6020A	
HA-13(0.5-1) (A9G0977-15)				**Matrix: Soil**				
Batch: 9080515								
Lead	**108**	---	0.237	mg/kg dry	10	08/01/19 14:30	EPA 6020A	
HA-13(1-1.5) (A9G0977-16)				**Matrix: Soil**				
Batch: 9080515								
Lead	**14.8**	---	0.264	mg/kg dry	10	08/01/19 14:34	EPA 6020A	
HA-14(0.5-1) (A9G0977-17)				**Matrix: Soil**				
Batch: 9080515								
Lead	**12.0**	---	0.251	mg/kg dry	10	08/01/19 14:52	EPA 6020A	
HA-14(1-1.5) (A9G0977-18)				**Matrix: Soil**				
Batch: 9080515								
Lead	**11.3**	---	0.249	mg/kg dry	10	08/01/19 14:56	EPA 6020A	

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9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0977 - 08 09 19 1636**

ANALYTICAL SAMPLE RESULTS

TCLP Metals by EPA 6020A (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
HA-7(0.2-0.7) (A9G0977-06RE1)				**Matrix: Soil**				
Batch: 9080725								
Lead	ND	---	0.0500	mg/L	10	08/07/19 19:56	1311/6020A	
HA-10(0.3-0.7) (A9G0977-11RE1)				**Matrix: Soil**				
Batch: 9080725								
Lead	**0.106**	---	0.0500	mg/L	10	08/07/19 20:02	1311/6020A	**TCLPa**
HA-11(0.5-1) (A9G0977-12RE1)				**Matrix: Soil**				
Batch: 9080725								
Lead	**0.0560**	---	0.0500	mg/L	10	08/07/19 20:08	1311/6020A	

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503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Mill Creek-19-01-03**	
9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0977 - 08 09 19 1636**

ANALYTICAL SAMPLE RESULTS

Percent Dry Weight

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
HA-4(0.5-1) (A9G0977-01)				**Matrix: Soil**		**Batch: 9071435**		
% Solids	**90.7**	---	1.00	% by Weight	1	08/01/19 08:34	EPA 8000C	
HA-5(0.3-0.7) (A9G0977-02)				**Matrix: Soil**		**Batch: 9071435**		
% Solids	**90.9**	---	1.00	% by Weight	1	08/01/19 08:34	EPA 8000C	
HA-5(0.7-1.2) (A9G0977-03)				**Matrix: Soil**		**Batch: 9071435**		
% Solids	**81.1**	---	1.00	% by Weight	1	08/01/19 08:34	EPA 8000C	
HA-6(0.5-1) (A9G0977-04)				**Matrix: Soil**		**Batch: 9071435**		
% Solids	**82.5**	---	1.00	% by Weight	1	08/01/19 08:34	EPA 8000C	
HA-6(1-1.5) (A9G0977-05)				**Matrix: Soil**		**Batch: 9071435**		
% Solids	**77.7**	---	1.00	% by Weight	1	08/01/19 08:34	EPA 8000C	
HA-7(0.2-0.7) (A9G0977-06)				**Matrix: Soil**		**Batch: 9071435**		
% Solids	**86.5**	---	1.00	% by Weight	1	08/01/19 08:34	EPA 8000C	
HA-7(1-1.5) (A9G0977-07)				**Matrix: Soil**		**Batch: 9071435**		
% Solids	**79.2**	---	1.00	% by Weight	1	08/01/19 08:34	EPA 8000C	
HA-8(1-1.3) (A9G0977-08)				**Matrix: Soil**		**Batch: 9071435**		
% Solids	**93.1**	---	1.00	% by Weight	1	08/01/19 08:34	EPA 8000C	
HA-8(1.3-1.5) (A9G0977-09)				**Matrix: Soil**		**Batch: 9071435**		
% Solids	**85.0**	---	1.00	% by Weight	1	08/01/19 08:34	EPA 8000C	
HA-9(0.5-1) (A9G0977-10)				**Matrix: Soil**		**Batch: 9071435**		
% Solids	**82.2**	---	1.00	% by Weight	1	08/01/19 08:34	EPA 8000C	
HA-10(0.3-0.7) (A9G0977-11)				**Matrix: Soil**		**Batch: 9071435**		
% Solids	**90.6**	---	1.00	% by Weight	1	08/01/19 08:34	EPA 8000C	
HA-11(0.5-1) (A9G0977-12)				**Matrix: Soil**		**Batch: 9071435**		
% Solids	**88.9**	---	1.00	% by Weight	1	08/01/19 08:34	EPA 8000C	
HA-11(1-1.5) (A9G0977-13)				**Matrix: Soil**		**Batch: 9071435**		

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GeoDesign, Inc.	Project: **Mill Creek-19-01-03**	
9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0977 - 08 09 19 1636**

ANALYTICAL SAMPLE RESULTS

Percent Dry Weight

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
HA-11(1-1.5) (A9G0977-13)				**Matrix: Soil**		**Batch: 9071435**		
% Solids	**80.1**	---	1.00	% by Weight	1	08/01/19 08:34	EPA 8000C	
HA-12(1-1.5) (A9G0977-14)				**Matrix: Soil**		**Batch: 9071435**		
% Solids	**85.4**	---	1.00	% by Weight	1	08/01/19 08:34	EPA 8000C	
HA-13(0.5-1) (A9G0977-15)				**Matrix: Soil**		**Batch: 9071435**		
% Solids	**86.0**	---	1.00	% by Weight	1	08/01/19 08:34	EPA 8000C	
HA-13(1-1.5) (A9G0977-16)				**Matrix: Soil**		**Batch: 9071435**		
% Solids	**80.5**	---	1.00	% by Weight	1	08/01/19 08:34	EPA 8000C	
HA-14(0.5-1) (A9G0977-17)				**Matrix: Soil**		**Batch: 9071435**		
% Solids	**80.0**	---	1.00	% by Weight	1	08/01/19 08:34	EPA 8000C	
HA-14(1-1.5) (A9G0977-18)				**Matrix: Soil**		**Batch: 9071435**		
% Solids	**81.4**	---	1.00	% by Weight	1	08/01/19 08:34	EPA 8000C	

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9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0977 - 08 09 19 1636**

ANALYTICAL SAMPLE RESULTS

TCLP Extraction by EPA 1311

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
HA-7(0.2-0.7) (A9G0977-06)				**Matrix: Soil**		**Batch: 9080616**		
TCLP Extraction	PREP	---		N/A	1	08/05/19 16:25	EPA 1311	
HA-10(0.3-0.7) (A9G0977-11)				**Matrix: Soil**		**Batch: 9080616**		
TCLP Extraction	PREP	---		N/A	1	08/05/19 16:25	EPA 1311	
HA-11(0.5-1) (A9G0977-12)				**Matrix: Soil**		**Batch: 9080616**		
TCLP Extraction	PREP	---		N/A	1	08/05/19 16:25	EPA 1311	

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9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0977 - 08 09 19 1636**

QUALITY CONTROL (QC) SAMPLE RESULTS

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9071458 - EPA 3546 (Fuels)							**Soil**					
Blank (9071458-BLK1)			Prepared: 07/31/19 13:10		Analyzed: 07/31/19 21:14							
NWTPH-Dx												
Diesel	ND	---	25.0	mg/kg wet	1	---	---	---	---	---	---	
Oil	ND	---	50.0	mg/kg wet	1	---	---	---	---	---	---	
Mineral Oil	ND	---	33.3	mg/kg wet	1	---	---	---	---	---	---	
Surr: o-Terphenyl (Surr)			*Recovery: 99 %*		*Limits: 50-150 %*		*Dilution: 1x*					
LCS (9071458-BS1)			Prepared: 07/31/19 13:10		Analyzed: 07/31/19 21:34							
NWTPH-Dx												
Diesel	116	---	20.0	mg/kg wet	1	125	---	93	76-115%	---	---	
Surr: o-Terphenyl (Surr)			*Recovery: 98 %*		*Limits: 50-150 %*		*Dilution: 1x*					
Duplicate (9071458-DUP2)			Prepared: 07/31/19 18:29		Analyzed: 07/31/19 23:18							
QC Source Sample: Non-SDG (A9G0986-02)												
Diesel	**29.7**	---	20.1	mg/kg dry	1	---	38.7	---	---	26	30%	
Oil	ND	---	40.2	mg/kg dry	1	---	ND	---	---	---	30%	
Mineral Oil	ND	---	40.2	mg/kg dry	1	---	ND	---	---	---	30%	
Surr: o-Terphenyl (Surr)			*Recovery: 96 %*		*Limits: 50-150 %*		*Dilution: 1x*					
Duplicate (9071458-DUP3)			Prepared: 07/31/19 13:10		Analyzed: 08/01/19 09:14							
QC Source Sample: Non-SDG (A9G0901-01RE1)												
Diesel	ND	---	907	mg/kg dry	40	---	ND	---	---	---	30%	
Oil	**2720**	---	1810	mg/kg dry	40	---	3360	---	---	21	30%	
Surr: o-Terphenyl (Surr)			*Recovery: %*		*Limits: 50-150 %*		*Dilution: 40x*					S-01

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GeoDesign, Inc.	Project: **Mill Creek-19-01-03**	
9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0977 - 08 09 19 1636**

QUALITY CONTROL (QC) SAMPLE RESULTS

Gasoline Range Hydrocarbons (Benzene through Naphthalene) by NWTPH-Gx

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9071442 - EPA 5035A							**Soil**					
Blank (9071442-BLK1)			Prepared: 07/31/19 10:00 Analyzed: 07/31/19 12:13									
NWTPH-Gx (MS)												
Gasoline Range Organics	ND	---	3.33	mg/kg wet	50	---	---	---	---	---	---	
Surr: 4-Bromofluorobenzene (Sur)		*Recovery:*	*117 %*	*Limits:*	*50-150 %*		*Dilution:*	*1x*				
1,4-Difluorobenzene (Sur)			*107 %*		*50-150 %*			*"*				
LCS (9071442-BS2)			Prepared: 07/31/19 10:00 Analyzed: 07/31/19 11:46									
NWTPH-Gx (MS)												
Gasoline Range Organics	27.5	---	5.00	mg/kg wet	50	25.0	---	110	80-120%	---	---	
Surr: 4-Bromofluorobenzene (Sur)		*Recovery:*	*118 %*	*Limits:*	*50-150 %*		*Dilution:*	*1x*				
1,4-Difluorobenzene (Sur)			*101 %*		*50-150 %*			*"*				
Duplicate (9071442-DUP1)			Prepared: 07/30/19 15:25 Analyzed: 07/31/19 15:23									V-15
QC Source Sample: Non-SDG (A9G0932-01)												
Gasoline Range Organics	**11000**	---	4720	mg/kg wet	10000	---	10500	---	---	5	30%	
Surr: 4-Bromofluorobenzene (Sur)		*Recovery:*	*108 %*	*Limits:*	*50-150 %*		*Dilution:*	*1x*				
1,4-Difluorobenzene (Sur)			*93 %*		*50-150 %*			*"*				

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9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0977 - 08 09 19 1636**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9071442 - EPA 5035A							**Soil**					
Blank (9071442-BLK1)			Prepared: 07/31/19 10:00 Analyzed: 07/31/19 12:13									
5035A/8260C												
Acetone	ND	---	0.667	mg/kg wet	50	---	---	---	---	---	---	
Acrylonitrile	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
Benzene	ND	---	0.00667	mg/kg wet	50	---	---	---	---	---	---	
Bromobenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Bromochloromethane	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Bromodichloromethane	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Bromoform	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
Bromomethane	ND	---	0.333	mg/kg wet	50	---	---	---	---	---	---	
2-Butanone (MEK)	ND	---	0.333	mg/kg wet	50	---	---	---	---	---	---	
n-Butylbenzene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
sec-Butylbenzene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
tert-Butylbenzene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Carbon disulfide	ND	---	0.333	mg/kg wet	50	---	---	---	---	---	---	
Carbon tetrachloride	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Chlorobenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Chloroethane	ND	---	0.333	mg/kg wet	50	---	---	---	---	---	---	
Chloroform	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Chloromethane	ND	---	0.167	mg/kg wet	50	---	---	---	---	---	---	
2-Chlorotoluene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
4-Chlorotoluene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Dibromochloromethane	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
1,2-Dibromo-3-chloropropane	ND	---	0.167	mg/kg wet	50	---	---	---	---	---	---	
1,2-Dibromoethane (EDB)	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Dibromomethane	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
1,2-Dichlorobenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
1,3-Dichlorobenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
1,4-Dichlorobenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Dichlorodifluoromethane	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
1,1-Dichloroethane	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
1,2-Dichloroethane (EDC)	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
1,1-Dichloroethene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
cis-1,2-Dichloroethene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
trans-1,2-Dichloroethene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	

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GeoDesign, Inc.	Project: **Mill Creek-19-01-03**	
9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0977 - 08 09 19 1636**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9071442 - EPA 5035A							**Soil**					
Blank (9071442-BLK1)			Prepared: 07/31/19 10:00 Analyzed: 07/31/19 12:13									
1,2-Dichloropropane	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
1,3-Dichloropropane	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
2,2-Dichloropropane	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
1,1-Dichloropropene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
cis-1,3-Dichloropropene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
trans-1,3-Dichloropropene	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
Ethylbenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Hexachlorobutadiene	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
2-Hexanone	ND	---	0.333	mg/kg wet	50	---	---	---	---	---	---	
Isopropylbenzene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
4-Isopropyltoluene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Methylene chloride	ND	---	0.167	mg/kg wet	50	---	---	---	---	---	---	B-02
4-Methyl-2-pentanone (MiBK)	ND	---	0.333	mg/kg wet	50	---	---	---	---	---	---	
Methyl tert-butyl ether (MTBE)	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Naphthalene	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
n-Propylbenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Styrene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
1,1,1,2-Tetrachloroethane	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
1,1,2,2-Tetrachloroethane	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Tetrachloroethene (PCE)	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Toluene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
1,2,3-Trichlorobenzene	ND	---	0.167	mg/kg wet	50	---	---	---	---	---	---	
1,2,4-Trichlorobenzene	ND	---	0.167	mg/kg wet	50	---	---	---	---	---	---	
1,1,1-Trichloroethane	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
1,1,2-Trichloroethane	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Trichloroethene (TCE)	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Trichlorofluoromethane	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
1,2,3-Trichloropropane	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
1,2,4-Trimethylbenzene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
1,3,5-Trimethylbenzene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Vinyl chloride	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
m,p-Xylene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
o-Xylene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	

Surr: 1,4-Difluorobenzene (Surr) *Recovery: 112 %* *Limits: 80-120 %* *Dilution: 1x*

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9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0977 - 08 09 19 1636**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9071442 - EPA 5035A							**Soil**					
Blank (9071442-BLK1)			Prepared: 07/31/19 10:00 Analyzed: 07/31/19 12:13									
Surr: Toluene-d8 (Surr)			*Recovery: 96 %*	*Limits: 80-120 %*				*Dilution: 1x*				
4-Bromofluorobenzene (Surr)			*104 %*	*80-120 %*				*"*				
LCS (9071442-BS1)			Prepared: 07/31/19 10:00 Analyzed: 07/31/19 11:19									
5035A/8260C												
Acetone	1.97	---	1.00	mg/kg wet	50	2.00	---	99	80-120%	---	---	
Acrylonitrile	1.06	---	0.100	mg/kg wet	50	1.00	---	106	80-120%	---	---	
Benzene	1.07	---	0.0100	mg/kg wet	50	1.00	---	107	80-120%	---	---	
Bromobenzene	0.949	---	0.0250	mg/kg wet	50	1.00	---	95	80-120%	---	---	
Bromochloromethane	1.18	---	0.0500	mg/kg wet	50	1.00	---	118	80-120%	---	---	
Bromodichloromethane	1.09	---	0.0500	mg/kg wet	50	1.00	---	109	80-120%	---	---	
Bromoform	1.05	---	0.100	mg/kg wet	50	1.00	---	105	80-120%	---	---	
Bromomethane	1.67	---	0.500	mg/kg wet	50	1.00	---	**167**	**80-120%**	---	---	Q-56
2-Butanone (MEK)	2.45	---	0.500	mg/kg wet	50	2.00	---	**122**	**80-120%**	---	---	Q-56
n-Butylbenzene	0.981	---	0.0500	mg/kg wet	50	1.00	---	98	80-120%	---	---	
sec-Butylbenzene	0.945	---	0.0500	mg/kg wet	50	1.00	---	94	80-120%	---	---	
tert-Butylbenzene	0.918	---	0.0500	mg/kg wet	50	1.00	---	92	80-120%	---	---	
Carbon disulfide	0.995	---	0.500	mg/kg wet	50	1.00	---	99	80-120%	---	---	
Carbon tetrachloride	1.01	---	0.0500	mg/kg wet	50	1.00	---	101	80-120%	---	---	
Chlorobenzene	0.954	---	0.0250	mg/kg wet	50	1.00	---	95	80-120%	---	---	
Chloroethane	0.932	---	0.500	mg/kg wet	50	1.00	---	93	80-120%	---	---	
Chloroform	1.09	---	0.0500	mg/kg wet	50	1.00	---	109	80-120%	---	---	
Chloromethane	0.814	---	0.250	mg/kg wet	50	1.00	---	81	80-120%	---	---	
2-Chlorotoluene	0.917	---	0.0500	mg/kg wet	50	1.00	---	92	80-120%	---	---	
4-Chlorotoluene	0.972	---	0.0500	mg/kg wet	50	1.00	---	97	80-120%	---	---	
Dibromochloromethane	0.941	---	0.100	mg/kg wet	50	1.00	---	94	80-120%	---	---	
1,2-Dibromo-3-chloropropane	1.07	---	0.250	mg/kg wet	50	1.00	---	107	80-120%	---	---	
1,2-Dibromoethane (EDB)	1.03	---	0.0500	mg/kg wet	50	1.00	---	103	80-120%	---	---	
Dibromomethane	1.15	---	0.0500	mg/kg wet	50	1.00	---	115	80-120%	---	---	
1,2-Dichlorobenzene	1.06	---	0.0250	mg/kg wet	50	1.00	---	106	80-120%	---	---	
1,3-Dichlorobenzene	1.01	---	0.0250	mg/kg wet	50	1.00	---	101	80-120%	---	---	
1,4-Dichlorobenzene	0.944	---	0.0250	mg/kg wet	50	1.00	---	94	80-120%	---	---	
Dichlorodifluoromethane	0.776	---	0.100	mg/kg wet	50	1.00	---	**78**	**80-120%**	---	---	Q-55
1,1-Dichloroethane	0.944	---	0.0250	mg/kg wet	50	1.00	---	94	80-120%	---	---	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Mill Creek-19-01-03**	
9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0977 - 08 09 19 1636**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9071442 - EPA 5035A							**Soil**					
LCS (9071442-BS1)			Prepared: 07/31/19 10:00 Analyzed: 07/31/19 11:19									
1,2-Dichloroethane (EDC)	1.04	---	0.0250	mg/kg wet	50	1.00	---	104	80-120%	---	---	
1,1-Dichloroethene	0.850	---	0.0250	mg/kg wet	50	1.00	---	85	80-120%	---	---	
cis-1,2-Dichloroethene	1.08	---	0.0250	mg/kg wet	50	1.00	---	108	80-120%	---	---	
trans-1,2-Dichloroethene	0.839	---	0.0250	mg/kg wet	50	1.00	---	84	80-120%	---	---	
1,2-Dichloropropane	1.09	---	0.0250	mg/kg wet	50	1.00	---	109	80-120%	---	---	
1,3-Dichloropropane	1.08	---	0.0500	mg/kg wet	50	1.00	---	108	80-120%	---	---	
2,2-Dichloropropane	1.26	---	0.0500	mg/kg wet	50	1.00	---	**126**	**80-120%**	---	---	Q-56
1,1-Dichloropropene	1.04	---	0.0500	mg/kg wet	50	1.00	---	104	80-120%	---	---	
cis-1,3-Dichloropropene	1.05	---	0.0500	mg/kg wet	50	1.00	---	105	80-120%	---	---	
trans-1,3-Dichloropropene	1.13	---	0.100	mg/kg wet	50	1.00	---	113	80-120%	---	---	
Ethylbenzene	1.00	---	0.0250	mg/kg wet	50	1.00	---	100	80-120%	---	---	
Hexachlorobutadiene	0.918	---	0.100	mg/kg wet	50	1.00	---	92	80-120%	---	---	
2-Hexanone	2.30	---	0.500	mg/kg wet	50	2.00	---	115	80-120%	---	---	
Isopropylbenzene	0.944	---	0.0500	mg/kg wet	50	1.00	---	94	80-120%	---	---	
4-Isopropyltoluene	0.907	---	0.0500	mg/kg wet	50	1.00	---	91	80-120%	---	---	
Methylene chloride	0.988	---	0.250	mg/kg wet	50	1.00	---	99	80-120%	---	---	B-02
4-Methyl-2-pentanone (MiBK)	2.36	---	0.500	mg/kg wet	50	2.00	---	118	80-120%	---	---	
Methyl tert-butyl ether (MTBE)	0.854	---	0.0500	mg/kg wet	50	1.00	---	85	80-120%	---	---	
Naphthalene	0.902	---	0.100	mg/kg wet	50	1.00	---	90	80-120%	---	---	
n-Propylbenzene	0.951	---	0.0250	mg/kg wet	50	1.00	---	95	80-120%	---	---	
Styrene	0.937	---	0.0500	mg/kg wet	50	1.00	---	94	80-120%	---	---	
1,1,1,2-Tetrachloroethane	1.07	---	0.0250	mg/kg wet	50	1.00	---	107	80-120%	---	---	
1,1,2,2-Tetrachloroethane	1.08	---	0.0500	mg/kg wet	50	1.00	---	108	80-120%	---	---	
Tetrachloroethene (PCE)	1.04	---	0.0250	mg/kg wet	50	1.00	---	104	80-120%	---	---	
Toluene	1.01	---	0.0500	mg/kg wet	50	1.00	---	101	80-120%	---	---	
1,2,3-Trichlorobenzene	0.995	---	0.250	mg/kg wet	50	1.00	---	99	80-120%	---	---	
1,2,4-Trichlorobenzene	0.884	---	0.250	mg/kg wet	50	1.00	---	88	80-120%	---	---	
1,1,1-Trichloroethane	1.06	---	0.0250	mg/kg wet	50	1.00	---	106	80-120%	---	---	
1,1,2-Trichloroethane	1.12	---	0.0250	mg/kg wet	50	1.00	---	112	80-120%	---	---	
Trichloroethene (TCE)	1.05	---	0.0250	mg/kg wet	50	1.00	---	105	80-120%	---	---	
Trichlorofluoromethane	0.853	---	0.100	mg/kg wet	50	1.00	---	85	80-120%	---	---	
1,2,3-Trichloropropane	1.03	---	0.0500	mg/kg wet	50	1.00	---	103	80-120%	---	---	
1,2,4-Trimethylbenzene	0.982	---	0.0500	mg/kg wet	50	1.00	---	98	80-120%	---	---	
1,3,5-Trimethylbenzene	1.04	---	0.0500	mg/kg wet	50	1.00	---	104	80-120%	---	---	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Mill Creek-19-01-03**	
9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0977 - 08 09 19 1636**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9071442 - EPA 5035A							**Soil**					
LCS (9071442-BS1)			Prepared: 07/31/19 10:00 Analyzed: 07/31/19 11:19									
Vinyl chloride	1.17	---	0.0250	mg/kg wet	50	1.00	---	117	80-120%	---	---	
m,p-Xylene	2.19	---	0.0500	mg/kg wet	50	2.00	---	110	80-120%	---	---	
o-Xylene	1.03	---	0.0250	mg/kg wet	50	1.00	---	103	80-120%	---	---	
Surr: 1,4-Difluorobenzene (Surr)		*Recovery:*	*102 %*	*Limits:*	*80-120 %*		*Dilution:*	*1x*				
Toluene-d8 (Surr)			*105 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*92 %*		*80-120 %*			*"*				
Duplicate (9071442-DUP1)			Prepared: 07/30/19 15:25 Analyzed: 07/31/19 15:23									**V-15**
QC Source Sample: Non-SDG (A9G0932-01)												
Acetone	ND	---	943	mg/kg wet	10000	---	ND	---	---	---	30%	
Acrylonitrile	ND	---	94.3	mg/kg wet	10000	---	ND	---	---	---	30%	
Benzene	ND	---	9.43	mg/kg wet	10000	---	5.14	---	---	***	30%	
Bromobenzene	ND	---	23.6	mg/kg wet	10000	---	ND	---	---	---	30%	
Bromochloromethane	ND	---	47.2	mg/kg wet	10000	---	ND	---	---	---	30%	
Bromodichloromethane	ND	---	47.2	mg/kg wet	10000	---	ND	---	---	---	30%	
Bromoform	ND	---	94.3	mg/kg wet	10000	---	ND	---	---	---	30%	
Bromomethane	ND	---	472	mg/kg wet	10000	---	ND	---	---	---	30%	
2-Butanone (MEK)	ND	---	472	mg/kg wet	10000	---	ND	---	---	---	30%	
n-Butylbenzene	ND	---	47.2	mg/kg wet	10000	---	28.1	---	---	***	30%	
sec-Butylbenzene	ND	---	47.2	mg/kg wet	10000	---	ND	---	---	---	30%	
tert-Butylbenzene	ND	---	47.2	mg/kg wet	10000	---	ND	---	---	---	30%	
Carbon disulfide	ND	---	472	mg/kg wet	10000	---	ND	---	---	---	30%	
Carbon tetrachloride	ND	---	47.2	mg/kg wet	10000	---	ND	---	---	---	30%	
Chlorobenzene	ND	---	23.6	mg/kg wet	10000	---	ND	---	---	---	30%	
Chloroethane	ND	---	472	mg/kg wet	10000	---	ND	---	---	---	30%	
Chloroform	ND	---	47.2	mg/kg wet	10000	---	ND	---	---	---	30%	
Chloromethane	ND	---	236	mg/kg wet	10000	---	ND	---	---	---	30%	
2-Chlorotoluene	ND	---	47.2	mg/kg wet	10000	---	ND	---	---	---	30%	
4-Chlorotoluene	ND	---	47.2	mg/kg wet	10000	---	ND	---	---	---	30%	
Dibromochloromethane	ND	---	94.3	mg/kg wet	10000	---	ND	---	---	---	30%	
1,2-Dibromo-3-chloropropane	ND	---	236	mg/kg wet	10000	---	ND	---	---	---	30%	
1,2-Dibromoethane (EDB)	ND	---	47.2	mg/kg wet	10000	---	ND	---	---	---	30%	
Dibromomethane	ND	---	47.2	mg/kg wet	10000	---	ND	---	---	---	30%	
1,2-Dichlorobenzene	ND	---	23.6	mg/kg wet	10000	---	ND	---	---	---	30%	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Mill Creek-19-01-03**	
9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0977 - 08 09 19 1636**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9071442 - EPA 5035A							**Soil**					
Duplicate (9071442-DUP1)			Prepared: 07/30/19 15:25 Analyzed: 07/31/19 15:23									**V-15**
QC Source Sample: Non-SDG (A9G0932-01)												
1,3-Dichlorobenzene	ND	---	23.6	mg/kg wet	10000	---	ND	---	---	---	30%	
1,4-Dichlorobenzene	ND	---	23.6	mg/kg wet	10000	---	ND	---	---	---	30%	
Dichlorodifluoromethane	ND	---	94.3	mg/kg wet	10000	---	ND	---	---	---	30%	
1,1-Dichloroethane	ND	---	23.6	mg/kg wet	10000	---	ND	---	---	---	30%	
1,2-Dichloroethane (EDC)	ND	---	23.6	mg/kg wet	10000	---	ND	---	---	---	30%	
1,1-Dichloroethene	ND	---	23.6	mg/kg wet	10000	---	ND	---	---	---	30%	
cis-1,2-Dichloroethene	ND	---	23.6	mg/kg wet	10000	---	ND	---	---	---	30%	
trans-1,2-Dichloroethene	ND	---	23.6	mg/kg wet	10000	---	ND	---	---	---	30%	
1,2-Dichloropropane	ND	---	23.6	mg/kg wet	10000	---	ND	---	---	---	30%	
1,3-Dichloropropane	ND	---	47.2	mg/kg wet	10000	---	ND	---	---	---	30%	
2,2-Dichloropropane	ND	---	47.2	mg/kg wet	10000	---	ND	---	---	---	30%	
1,1-Dichloropropene	ND	---	47.2	mg/kg wet	10000	---	ND	---	---	---	30%	
cis-1,3-Dichloropropene	ND	---	47.2	mg/kg wet	10000	---	ND	---	---	---	30%	
trans-1,3-Dichloropropene	ND	---	94.3	mg/kg wet	10000	---	ND	---	---	---	30%	
Ethylbenzene	**51.6**	---	23.6	mg/kg wet	10000	---	51.2	---	---	0.7	30%	
Hexachlorobutadiene	ND	---	94.3	mg/kg wet	10000	---	ND	---	---	---	30%	
2-Hexanone	ND	---	472	mg/kg wet	10000	---	ND	---	---	---	30%	
Isopropylbenzene	ND	---	47.2	mg/kg wet	10000	---	ND	---	---	---	30%	
4-Isopropyltoluene	ND	---	47.2	mg/kg wet	10000	---	ND	---	---	---	30%	
Methylene chloride	ND	---	283	mg/kg wet	10000	---	ND	---	---	---	30%	A-01
4-Methyl-2-pentanone (MiBK)	ND	---	472	mg/kg wet	10000	---	ND	---	---	---	30%	
Methyl tert-butyl ether (MTBE)	ND	---	47.2	mg/kg wet	10000	---	ND	---	---	---	30%	
Naphthalene	ND	---	94.3	mg/kg wet	10000	---	86.1	---	---	***	30%	
n-Propylbenzene	**36.7**	---	23.6	mg/kg wet	10000	---	33.0	---	---	11	30%	
Styrene	ND	---	47.2	mg/kg wet	10000	---	ND	---	---	---	30%	
1,1,1,2-Tetrachloroethane	ND	---	23.6	mg/kg wet	10000	---	ND	---	---	---	30%	
1,1,2,2-Tetrachloroethane	ND	---	47.2	mg/kg wet	10000	---	ND	---	---	---	30%	
Tetrachloroethene (PCE)	ND	---	23.6	mg/kg wet	10000	---	ND	---	---	---	30%	
Toluene	**130**	---	47.2	mg/kg wet	10000	---	132	---	---	1	30%	
1,2,3-Trichlorobenzene	ND	---	236	mg/kg wet	10000	---	ND	---	---	---	30%	
1,2,4-Trichlorobenzene	ND	---	236	mg/kg wet	10000	---	ND	---	---	---	30%	
1,1,1-Trichloroethane	ND	---	23.6	mg/kg wet	10000	---	ND	---	---	---	30%	
1,1,2-Trichloroethane	ND	---	23.6	mg/kg wet	10000	---	ND	---	---	---	30%	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Mill Creek-19-01-03**	
9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0977 - 08 09 19 1636**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9071442 - EPA 5035A							**Soil**					
Duplicate (9071442-DUP1)			Prepared: 07/30/19 15:25 Analyzed: 07/31/19 15:23									**V-15**
QC Source Sample: Non-SDG (A9G0932-01)												
Trichloroethene (TCE)	ND	---	23.6	mg/kg wet	10000	---	ND	---	---	---	30%	
Trichlorofluoromethane	ND	---	94.3	mg/kg wet	10000	---	ND	---	---	---	30%	
1,2,3-Trichloropropane	ND	---	47.2	mg/kg wet	10000	---	ND	---	---	---	30%	
1,2,4-Trimethylbenzene	**206**	---	47.2	mg/kg wet	10000	---	187	---	---	10	30%	
1,3,5-Trimethylbenzene	**59.5**	---	47.2	mg/kg wet	10000	---	55.3	---	---	7	30%	
Vinyl chloride	ND	---	23.6	mg/kg wet	10000	---	ND	---	---	---	30%	
m,p-Xylene	**209**	---	47.2	mg/kg wet	10000	---	208	---	---	0.4	30%	
o-Xylene	**94.5**	---	23.6	mg/kg wet	10000	---	94.9	---	---	0.4	30%	
Surr: 1,4-Difluorobenzene (Surr)		*Recovery:*	*102 %*	*Limits:*	*80-120 %*		*Dilution:*	*1x*				
Toluene-d8 (Surr)			*98 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*110 %*		*80-120 %*			*"*				
Matrix Spike (9071442-MS1)			Prepared: 07/31/19 09:00 Analyzed: 07/31/19 20:23									
QC Source Sample: Non-SDG (A9G0964-01)												
5035A/8260C												
Acetone	3.20	---	1.30	mg/kg dry	50	2.60	ND	123	36-164%	---	---	
Acrylonitrile	1.54	---	0.130	mg/kg dry	50	1.30	ND	118	65-134%	---	---	
Benzene	1.41	---	0.0130	mg/kg dry	50	1.30	ND	108	77-121%	---	---	
Bromobenzene	1.20	---	0.0326	mg/kg dry	50	1.30	ND	92	78-121%	---	---	
Bromochloromethane	1.60	---	0.0651	mg/kg dry	50	1.30	ND	123	78-125%	---	---	
Bromodichloromethane	1.47	---	0.0651	mg/kg dry	50	1.30	ND	113	75-127%	---	---	
Bromoform	1.25	---	0.130	mg/kg dry	50	1.30	ND	96	67-132%	---	---	
Bromomethane	2.73	---	0.651	mg/kg dry	50	1.30	ND	**210**	**53-143%**	---	---	Q-54a
2-Butanone (MEK)	3.13	---	0.651	mg/kg dry	50	2.60	ND	120	51-148%	---	---	Q-54
n-Butylbenzene	1.26	---	0.0651	mg/kg dry	50	1.30	ND	97	70-128%	---	---	
sec-Butylbenzene	1.28	---	0.0651	mg/kg dry	50	1.30	ND	99	73-126%	---	---	
tert-Butylbenzene	1.31	---	0.0651	mg/kg dry	50	1.30	ND	100	73-125%	---	---	
Carbon disulfide	1.55	---	0.651	mg/kg dry	50	1.30	ND	119	63-132%	---	---	
Carbon tetrachloride	1.33	---	0.0651	mg/kg dry	50	1.30	ND	102	70-135%	---	---	
Chlorobenzene	1.23	---	0.0326	mg/kg dry	50	1.30	ND	94	79-120%	---	---	
Chloroethane	1.41	---	0.651	mg/kg dry	50	1.30	ND	108	59-139%	---	---	
Chloroform	1.47	---	0.0651	mg/kg dry	50	1.30	ND	113	78-123%	---	---	
Chloromethane	1.21	---	0.326	mg/kg dry	50	1.30	ND	93	50-136%	---	---	

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Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Mill Creek-19-01-03**	
9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0977 - 08 09 19 1636**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9071442 - EPA 5035A							**Soil**					
Matrix Spike (9071442-MS1)			Prepared: 07/31/19 09:00		Analyzed: 07/31/19 20:23							
QC Source Sample: Non-SDG (A9G0964-01)												
2-Chlorotoluene	1.23	---	0.0651	mg/kg dry	50	1.30	ND	95	75-122%	---	---	
4-Chlorotoluene	1.33	---	0.0651	mg/kg dry	50	1.30	ND	102	72-124%	---	---	
Dibromochloromethane	1.13	---	0.130	mg/kg dry	50	1.30	ND	87	74-126%	---	---	
1,2-Dibromo-3-chloropropane	1.17	---	0.326	mg/kg dry	50	1.30	ND	90	61-132%	---	---	
1,2-Dibromoethane (EDB)	1.29	---	0.0651	mg/kg dry	50	1.30	ND	99	78-122%	---	---	
Dibromomethane	1.57	---	0.0651	mg/kg dry	50	1.30	ND	121	78-125%	---	---	
1,2-Dichlorobenzene	1.27	---	0.0326	mg/kg dry	50	1.30	ND	98	78-121%	---	---	
1,3-Dichlorobenzene	1.28	---	0.0326	mg/kg dry	50	1.30	ND	98	77-121%	---	---	
1,4-Dichlorobenzene	1.23	---	0.0326	mg/kg dry	50	1.30	ND	94	75-120%	---	---	
Dichlorodifluoromethane	1.16	---	0.130	mg/kg dry	50	1.30	ND	89	29-149%	---	---	Q-54c
1,1-Dichloroethane	1.44	---	0.0326	mg/kg dry	50	1.30	ND	110	76-125%	---	---	
1,2-Dichloroethane (EDC)	1.47	---	0.0326	mg/kg dry	50	1.30	ND	113	73-128%	---	---	
1,1-Dichloroethene	1.36	---	0.0326	mg/kg dry	50	1.30	ND	105	70-131%	---	---	
cis-1,2-Dichloroethene	1.48	---	0.0326	mg/kg dry	50	1.30	ND	113	77-123%	---	---	
trans-1,2-Dichloroethene	1.39	---	0.0326	mg/kg dry	50	1.30	ND	107	74-125%	---	---	
1,2-Dichloropropane	1.46	---	0.0326	mg/kg dry	50	1.30	ND	112	76-123%	---	---	
1,3-Dichloropropane	1.32	---	0.0651	mg/kg dry	50	1.30	ND	101	77-121%	---	---	
2,2-Dichloropropane	1.38	---	0.0651	mg/kg dry	50	1.30	ND	106	67-133%	---	---	Q-54b
1,1-Dichloropropene	1.39	---	0.0651	mg/kg dry	50	1.30	ND	107	76-125%	---	---	
cis-1,3-Dichloropropene	1.23	---	0.0651	mg/kg dry	50	1.30	ND	95	74-126%	---	---	
trans-1,3-Dichloropropene	1.35	---	0.130	mg/kg dry	50	1.30	ND	104	71-130%	---	---	
Ethylbenzene	1.27	---	0.0326	mg/kg dry	50	1.30	ND	97	76-122%	---	---	
Hexachlorobutadiene	1.09	---	0.130	mg/kg dry	50	1.30	ND	83	61-135%	---	---	
2-Hexanone	2.89	---	0.651	mg/kg dry	50	2.60	ND	111	53-145%	---	---	
Isopropylbenzene	1.25	---	0.0651	mg/kg dry	50	1.30	ND	96	68-134%	---	---	
4-Isopropyltoluene	1.20	---	0.0651	mg/kg dry	50	1.30	ND	92	73-127%	---	---	
Methylene chloride	1.43	---	0.326	mg/kg dry	50	1.30	ND	110	70-128%	---	---	B-02
4-Methyl-2-pentanone (MiBK)	2.94	---	0.651	mg/kg dry	50	2.60	ND	113	65-135%	---	---	
Methyl tert-butyl ether (MTBE)	1.46	---	0.0651	mg/kg dry	50	1.30	ND	112	73-125%	---	---	
Naphthalene	0.997	---	0.130	mg/kg dry	50	1.30	ND	77	62-129%	---	---	
n-Propylbenzene	1.28	---	0.0326	mg/kg dry	50	1.30	ND	98	73-125%	---	---	
Styrene	1.19	---	0.0651	mg/kg dry	50	1.30	ND	91	76-124%	---	---	
1,1,1,2-Tetrachloroethane	1.34	---	0.0326	mg/kg dry	50	1.30	ND	103	78-125%	---	---	

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503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Mill Creek-19-01-03**	
9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0977 - 08 09 19 1636**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9071442 - EPA 5035A							**Soil**					
Matrix Spike (9071442-MS1)			Prepared: 07/31/19 09:00		Analyzed: 07/31/19 20:23							
QC Source Sample: Non-SDG (A9G0964-01)												
1,1,2,2-Tetrachloroethane	1.29	---	0.0651	mg/kg dry	50	1.30	ND	99	70-124%	---	---	
Tetrachloroethene (PCE)	1.21	---	0.0326	mg/kg dry	50	1.30	ND	93	73-128%	---	---	
Toluene	1.21	---	0.0651	mg/kg dry	50	1.30	ND	93	77-121%	---	---	
1,2,3-Trichlorobenzene	1.09	---	0.326	mg/kg dry	50	1.30	ND	83	66-130%	---	---	
1,2,4-Trichlorobenzene	1.01	---	0.326	mg/kg dry	50	1.30	ND	77	67-129%	---	---	
1,1,1-Trichloroethane	1.47	---	0.0326	mg/kg dry	50	1.30	ND	113	73-130%	---	---	
1,1,2-Trichloroethane	1.37	---	0.0326	mg/kg dry	50	1.30	ND	105	78-121%	---	---	
Trichloroethene (TCE)	1.39	---	0.0326	mg/kg dry	50	1.30	ND	106	77-123%	---	---	
Trichlorofluoromethane	1.28	---	0.130	mg/kg dry	50	1.30	ND	98	62-140%	---	---	
1,2,3-Trichloropropane	1.28	---	0.0651	mg/kg dry	50	1.30	ND	99	73-125%	---	---	
1,2,4-Trimethylbenzene	1.33	---	0.0651	mg/kg dry	50	1.30	ND	102	75-123%	---	---	
1,3,5-Trimethylbenzene	1.38	---	0.0651	mg/kg dry	50	1.30	ND	106	73-124%	---	---	
Vinyl chloride	1.92	---	0.0326	mg/kg dry	50	1.30	ND	**148**	**56-135%**	---	---	Q-01
m,p-Xylene	2.80	---	0.0651	mg/kg dry	50	2.60	ND	107	77-124%	---	---	
o-Xylene	1.32	---	0.0326	mg/kg dry	50	1.30	ND	102	77-123%	---	---	
Surr: 1,4-Difluorobenzene (Surr)		*Recovery:*	*105 %*	*Limits:*	*80-120 %*		*Dilution:*	*1x*				
Toluene-d8 (Surr)			*97 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*94 %*		*80-120 %*			*"*				

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GeoDesign, Inc.	Project: **Mill Creek-19-01-03**	
9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0977 - 08 09 19 1636**

QUALITY CONTROL (QC) SAMPLE RESULTS

Polychlorinated Biphenyls by EPA 8082A

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9071446 - EPA 3546							**Soil**					
Blank (9071446-BLK1)			Prepared: 07/31/19 11:01		Analyzed: 08/01/19 08:26							**C-07**
EPA 8082A												
Aroclor 1016	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1221	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1232	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1242	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1248	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1254	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1260	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Surr: Decachlorobiphenyl (Surr)			*Recovery: 95 %*		*Limits: 60-125 %*			*Dilution: 1x*				
LCS (9071446-BS1)			Prepared: 07/31/19 11:01		Analyzed: 08/01/19 08:44							**C-07**
EPA 8082A												
Aroclor 1016	0.139	---	0.0100	mg/kg wet	1	0.250	---	55	47-134%	---	---	
Aroclor 1260	0.188	---	0.0100	mg/kg wet	1	0.250	---	75	53-140%	---	---	
Surr: Decachlorobiphenyl (Surr)			*Recovery: 94 %*		*Limits: 60-125 %*			*Dilution: 1x*				
Duplicate (9071446-DUP2)			Prepared: 07/31/19 11:01		Analyzed: 08/02/19 10:11							**C-07**
QC Source Sample: Non-SDG (A9G0874-05RE1)												
Aroclor 1016	ND	---	0.0490	mg/kg dry	5	---	ND	---	---	---	30%	
Aroclor 1221	ND	---	0.0490	mg/kg dry	5	---	ND	---	---	---	30%	
Aroclor 1232	ND	---	0.0490	mg/kg dry	5	---	ND	---	---	---	30%	
Aroclor 1242	ND	---	0.0490	mg/kg dry	5	---	ND	---	---	---	30%	
Aroclor 1248	ND	---	0.0490	mg/kg dry	5	---	ND	---	---	---	30%	
Aroclor 1254	ND	---	0.0490	mg/kg dry	5	---	ND	---	---	---	30%	
Aroclor 1260	**1.11**	---	0.0490	mg/kg dry	5	---	1.33	---	---	18	30%	P-09
Surr: Decachlorobiphenyl (Surr)			*Recovery: 87 %*		*Limits: 60-125 %*			*Dilution: 5x*				S-05
Matrix Spike (9071446-MS1)			Prepared: 07/31/19 11:01		Analyzed: 08/01/19 09:02							**C-07, TEMP**
QC Source Sample: Non-SDG (A9G0946-01)												
EPA 8082A												
Aroclor 1016	0.150	---	0.00976	mg/kg dry	1	0.244	ND	62	47-134%	---	---	
Aroclor 1260	0.185	---	0.00976	mg/kg dry	1	0.244	ND	76	53-140%	---	---	
Surr: Decachlorobiphenyl (Surr)			*Recovery: 92 %*		*Limits: 60-125 %*			*Dilution: 1x*				

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Mill Creek-19-01-03**	
9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0977 - 08 09 19 1636**

QUALITY CONTROL (QC) SAMPLE RESULTS

Polychlorinated Biphenyls by EPA 8082A

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9071446 - EPA 3546							**Soil**					

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QUALITY CONTROL (QC) SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9071469 - EPA 3546							**Soil**					
Blank (9071469-BLK1)			Prepared: 07/31/19 16:46 Analyzed: 08/01/19 10:25									
EPA 8270D (SIM)												
Acenaphthene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Acenaphthylene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Anthracene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Benz(a)anthracene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Benzo(a)pyrene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Benzo(b)fluoranthene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Benzo(k)fluoranthene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Benzo(g,h,i)perylene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Chrysene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Dibenz(a,h)anthracene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Dibenzofuran	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Fluoranthene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Fluorene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Indeno(1,2,3-cd)pyrene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
1-Methylnaphthalene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
2-Methylnaphthalene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Naphthalene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Phenanthrene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Pyrene	ND	---	0.00833	mg/kg wet	1	---	---	---	---	---	---	
Surr: 2-Fluorobiphenyl (Surr)			*Recovery: 81 %*		*Limits: 44-120 %*			*Dilution: 1x*				
p-Terphenyl-d14 (Surr)			*90 %*		*54-127 %*			*"*				
LCS (9071469-BS1)			Prepared: 07/31/19 16:46 Analyzed: 08/01/19 10:50									
EPA 8270D (SIM)												
Acenaphthene	0.662	---	0.0100	mg/kg wet	1	0.800	---	83	40-122%	---	---	
Acenaphthylene	0.662	---	0.0100	mg/kg wet	1	0.800	---	83	32-132%	---	---	
Anthracene	0.690	---	0.0100	mg/kg wet	1	0.800	---	86	47-123%	---	---	
Benz(a)anthracene	0.650	---	0.0100	mg/kg wet	1	0.800	---	81	49-126%	---	---	
Benzo(a)pyrene	0.794	---	0.0100	mg/kg wet	1	0.800	---	99	45-129%	---	---	
Benzo(b)fluoranthene	0.790	---	0.0100	mg/kg wet	1	0.800	---	99	45-132%	---	---	
Benzo(k)fluoranthene	0.752	---	0.0100	mg/kg wet	1	0.800	---	94	47-132%	---	---	
Benzo(g,h,i)perylene	0.689	---	0.0100	mg/kg wet	1	0.800	---	86	43-134%	---	---	
Chrysene	0.709	---	0.0100	mg/kg wet	1	0.800	---	89	50-124%	---	---	

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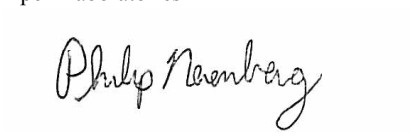

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Mill Creek-19-01-03**	
9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0977 - 08 09 19 1636**

QUALITY CONTROL (QC) SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9071469 - EPA 3546							**Soil**					
LCS (9071469-BS1)			Prepared: 07/31/19 16:46		Analyzed: 08/01/19 10:50							
Dibenz(a,h)anthracene	0.664	---	0.0100	mg/kg wet	1	0.800	---	83	45-134%	---	---	
Dibenzofuran	0.687	---	0.0100	mg/kg wet	1	0.800	---	86	44-120%	---	---	
Fluoranthene	0.657	---	0.0100	mg/kg wet	1	0.800	---	82	50-127%	---	---	
Fluorene	0.675	---	0.0100	mg/kg wet	1	0.800	---	84	43-125%	---	---	
Indeno(1,2,3-cd)pyrene	0.675	---	0.0100	mg/kg wet	1	0.800	---	84	45-133%	---	---	
1-Methylnaphthalene	0.673	---	0.0100	mg/kg wet	1	0.800	---	84	40-120%	---	---	
2-Methylnaphthalene	0.677	---	0.0100	mg/kg wet	1	0.800	---	85	38-122%	---	---	
Naphthalene	0.647	---	0.0100	mg/kg wet	1	0.800	---	81	35-123%	---	---	
Phenanthrene	0.651	---	0.0100	mg/kg wet	1	0.800	---	81	50-121%	---	---	
Pyrene	0.636	---	0.0100	mg/kg wet	1	0.800	---	80	47-127%	---	---	
Surr: 2-Fluorobiphenyl (Surr)			*Recovery: 82 %*		*Limits: 44-120 %*				*Dilution: 1x*			
p-Terphenyl-d14 (Surr)			*91 %*		*54-127 %*				*"*			
Duplicate (9071469-DUP1)			Prepared: 07/31/19 16:46		Analyzed: 08/01/19 11:41							
QC Source Sample: HA-8(1.3-1.5) (A9G0977-09)												
EPA 8270D (SIM)												
Acenaphthene	ND	---	0.0107	mg/kg dry	1	---	0.00654	---	---	***	**30%**	Q-05
Acenaphthylene	**0.0280**	---	0.0107	mg/kg dry	1	---	0.0267	---	---	5	30%	
Anthracene	**0.0154**	---	0.0107	mg/kg dry	1	---	0.0185	---	---	19	30%	
Benz(a)anthracene	**0.0614**	---	0.0107	mg/kg dry	1	---	0.0696	---	---	13	30%	M-05
Benzo(a)pyrene	**0.118**	---	0.0107	mg/kg dry	1	---	0.116	---	---	2	30%	
Benzo(b)fluoranthene	**0.150**	---	0.0107	mg/kg dry	1	---	0.146	---	---	3	30%	M-05
Benzo(k)fluoranthene	**0.0454**	---	0.0107	mg/kg dry	1	---	0.0432	---	---	5	30%	M-05
Benzo(g,h,i)perylene	**0.120**	---	0.0107	mg/kg dry	1	---	0.111	---	---	8	30%	
Chrysene	**0.131**	---	0.0107	mg/kg dry	1	---	0.136	---	---	4	30%	M-05
Dibenz(a,h)anthracene	**0.0139**	---	0.0107	mg/kg dry	1	---	0.0165	---	---	17	30%	
Dibenzofuran	ND	---	0.0107	mg/kg dry	1	---	ND	---	---	---	30%	
Fluoranthene	**0.213**	---	0.0107	mg/kg dry	1	---	0.183	---	---	15	30%	
Fluorene	ND	---	0.0107	mg/kg dry	1	---	0.0111	---	---	***	30%	
Indeno(1,2,3-cd)pyrene	**0.0987**	---	0.0107	mg/kg dry	1	---	0.0912	---	---	8	30%	
1-Methylnaphthalene	**0.0765**	---	0.0107	mg/kg dry	1	---	0.0920	---	---	18	30%	
2-Methylnaphthalene	**0.114**	---	0.0107	mg/kg dry	1	---	0.138	---	---	19	30%	
Naphthalene	**0.0933**	---	0.0107	mg/kg dry	1	---	0.108	---	---	15	30%	
Phenanthrene	**0.167**	---	0.0107	mg/kg dry	1	---	0.170	---	---	2	30%	

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9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0977 - 08 09 19 1636**

QUALITY CONTROL (QC) SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9071469 - EPA 3546							**Soil**					
Duplicate (9071469-DUP1)			Prepared: 07/31/19 16:46		Analyzed: 08/01/19 11:41							
QC Source Sample: HA-8(1.3-1.5) (A9G0977-09)												
Pyrene	**0.256**	---	0.0107	mg/kg dry	1	---	0.231	---	---	10	30%	
Surr: 2-Fluorobiphenyl (Surr)			*Recovery: 77 %*		*Limits: 44-120 %*			*Dilution: 1x*				
p-Terphenyl-d14 (Surr)			*90 %*		*54-127 %*			*"*				
Matrix Spike (9071469-MS1)			Prepared: 07/31/19 16:46		Analyzed: 08/01/19 12:32							
QC Source Sample: HA-10(0.3-0.7) (A9G0977-11)												
EPA 8270D (SIM)												
Acenaphthene	0.601	---	0.00968	mg/kg dry	1	0.774	ND	78	40-122%	---	---	
Acenaphthylene	0.694	---	0.00968	mg/kg dry	1	0.774	0.0237	87	32-132%	---	---	
Anthracene	0.648	---	0.00968	mg/kg dry	1	0.774	0.0121	82	47-123%	---	---	
Benz(a)anthracene	0.773	---	0.00968	mg/kg dry	1	0.774	0.0637	92	49-126%	---	---	
Benzo(a)pyrene	1.14	---	0.00968	mg/kg dry	1	0.774	0.127	**130**	**45-129%**	---	---	Q-01
Benzo(b)fluoranthene	1.14	---	0.00968	mg/kg dry	1	0.774	0.166	126	45-132%	---	---	
Benzo(k)fluoranthene	0.849	---	0.00968	mg/kg dry	1	0.774	0.0481	103	47-132%	---	---	
Benzo(g,h,i)perylene	0.938	---	0.00968	mg/kg dry	1	0.774	0.125	105	43-134%	---	---	
Chrysene	1.02	---	0.00968	mg/kg dry	1	0.774	0.134	114	50-124%	---	---	
Dibenz(a,h)anthracene	0.606	---	0.00968	mg/kg dry	1	0.774	0.0135	76	45-134%	---	---	
Dibenzofuran	0.611	---	0.00968	mg/kg dry	1	0.774	ND	79	44-120%	---	---	
Fluoranthene	1.38	---	0.00968	mg/kg dry	1	0.774	0.228	**149**	**50-127%**	---	---	Q-01
Fluorene	0.638	---	0.00968	mg/kg dry	1	0.774	0.00657	82	43-125%	---	---	
Indeno(1,2,3-cd)pyrene	0.892	---	0.00968	mg/kg dry	1	0.774	0.104	102	45-133%	---	---	
1-Methylnaphthalene	0.624	---	0.00968	mg/kg dry	1	0.774	0.00526	80	40-120%	---	---	
2-Methylnaphthalene	0.622	---	0.00968	mg/kg dry	1	0.774	0.00661	79	38-122%	---	---	
Naphthalene	0.657	---	0.00968	mg/kg dry	1	0.774	0.0285	81	35-123%	---	---	
Phenanthrene	1.19	---	0.00968	mg/kg dry	1	0.774	0.157	**134**	**50-121%**	---	---	Q-01
Pyrene	1.55	---	0.00968	mg/kg dry	1	0.774	0.275	**165**	**47-127%**	---	---	Q-01
Surr: 2-Fluorobiphenyl (Surr)			*Recovery: 75 %*		*Limits: 44-120 %*			*Dilution: 1x*				
p-Terphenyl-d14 (Surr)			*84 %*		*54-127 %*			*"*				

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Philip Nerenberg, Lab Director

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503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project: **Mill Creek-19-01-03**	
9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0977 - 08 09 19 1636**

QUALITY CONTROL (QC) SAMPLE RESULTS

Total Metals by EPA 6020A (ICPMS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9080515 - EPA 3051A							**Soil**					
Blank (9080515-BLK1)			Prepared: 08/01/19 07:44		Analyzed: 08/01/19 13:01							
EPA 6020A												
Lead	ND	---	0.192	mg/kg wet	10	---	---	---	---	---	---	
LCS (9080515-BS1)			Prepared: 08/01/19 07:44		Analyzed: 08/01/19 13:06							
EPA 6020A												
Lead	55.7	---	0.200	mg/kg wet	10	50.0	---	111	80-120%	---	---	
Duplicate (9080515-DUP1)			Prepared: 08/01/19 07:44		Analyzed: 08/01/19 13:28							
QC Source Sample: HA-6(0.5-1) (A9G0977-04)												
EPA 6020A												
Lead	**15.9**	---	0.243	mg/kg dry	10	---	12.6	---	---	23	40%	
Matrix Spike (9080515-MS1)			Prepared: 08/01/19 07:44		Analyzed: 08/01/19 13:32							
QC Source Sample: HA-6(0.5-1) (A9G0977-04)												
EPA 6020A												
Lead	78.8	---	0.256	mg/kg dry	10	63.9	12.6	104	75-125%	---	---	

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9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0977 - 08 09 19 1636**

QUALITY CONTROL (QC) SAMPLE RESULTS

TCLP Metals by EPA 6020A (ICPMS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9080725 - EPA 1311/3015							**Soil**					
Blank (9080725-BLK1)			Prepared: 08/07/19 13:53		Analyzed: 08/07/19 18:48							
1311/6020A												
Lead	ND	---	0.0500	mg/L	10	---	---	---	---	---	---	TCLP
LCS (9080725-BS1)			Prepared: 08/07/19 13:53		Analyzed: 08/07/19 18:54							
1311/6020A												
Lead	5.12	---	0.0500	mg/L	10	5.00	---	102	80-120%	---	---	TCLP
Matrix Spike (9080725-MS1)			Prepared: 08/07/19 13:53		Analyzed: 08/07/19 19:11							
QC Source Sample: Non-SDG (A9G0643-14RE1)												
1311/6020A												
Lead	5.21	---	0.0500	mg/L	10	5.00	0.350	97	50-150%	---	---	
Matrix Spike (9080725-MS2)			Prepared: 08/07/19 13:53		Analyzed: 08/07/19 19:33							
QC Source Sample: Non-SDG (A9G0899-02RE1)												
1311/6020A												
Lead	5.37	---	0.0500	mg/L	10	5.00	0.390	100	50-150%	---	---	

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QUALITY CONTROL (QC) SAMPLE RESULTS

Percent Dry Weight

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9071435 - Total Solids (Dry Weight)							**Soil**					
Duplicate (9071435-DUP1)			Prepared: 07/31/19 08:43		Analyzed: 08/01/19 08:34							
QC Source Sample: Non-SDG (A9G0626-06)												
% Solids	**97.9**	---	1.00	% by Weight	1	---	98.1	---	---	0.1	10%	
Duplicate (9071435-DUP2)			Prepared: 07/31/19 08:43		Analyzed: 08/01/19 08:34							
QC Source Sample: Non-SDG (A9G0848-02)												
% Solids	**96.3**	---	1.00	% by Weight	1	---	96.4	---	---	0.1	10%	
Duplicate (9071435-DUP3)			Prepared: 07/31/19 08:43		Analyzed: 08/01/19 08:34							
QC Source Sample: Non-SDG (A9G0891-05)												
% Solids	**92.6**	---	1.00	% by Weight	1	---	92.6	---	---	0.01	10%	
Duplicate (9071435-DUP4)			Prepared: 07/31/19 08:43		Analyzed: 08/01/19 08:34							
QC Source Sample: Non-SDG (A9G0922-01)												
% Solids	**76.5**	---	1.00	% by Weight	1	---	76.7	---	---	0.3	10%	
Duplicate (9071435-DUP5)			Prepared: 07/31/19 19:35		Analyzed: 08/01/19 08:34							
QC Source Sample: Non-SDG (A9G0953-01)												
% Solids	**93.8**	---	1.00	% by Weight	1	---	94.7	---	---	1	10%	
Duplicate (9071435-DUP6)			Prepared: 07/31/19 19:35		Analyzed: 08/01/19 08:34							
QC Source Sample: HA-8(1.3-1.5) (A9G0977-09)												
EPA 8000C												
% Solids	**85.4**	---	1.00	% by Weight	1	---	85.0	---	---	0.5	10%	
Duplicate (9071435-DUP7)			Prepared: 07/31/19 19:35		Analyzed: 08/01/19 08:34							
QC Source Sample: Non-SDG (A9G0981-01)												
% Solids	**84.0**	---	1.00	% by Weight	1	---	83.8	---	---	0.2	10%	
Duplicate (9071435-DUP8)			Prepared: 07/31/19 19:35		Analyzed: 08/01/19 08:34							
QC Source Sample: Non-SDG (A9G0987-01)												
% Solids	**84.3**	---	1.00	% by Weight	1	---	84.6	---	---	0.3	10%	

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9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0977 - 08 09 19 1636**

QUALITY CONTROL (QC) SAMPLE RESULTS

Percent Dry Weight

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 9071435 - Total Solids (Dry Weight)							**Soil**					

No Client related Batch QC samples analyzed for this batch. See notes page for more information.

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SAMPLE PREPARATION INFORMATION

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Prep: EPA 3546 (Fuels)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 9071458							
A9G0977-09	Soil	NWTPH-Dx	07/30/19 16:05	07/31/19 16:49	11.09g/5mL	10g/5mL	0.90
A9G0977-11	Soil	NWTPH-Dx	07/31/19 11:40	07/31/19 16:49	10.45g/5mL	10g/5mL	0.96

Gasoline Range Hydrocarbons (Benzene through Naphthalene) by NWTPH-Gx

Prep: EPA 5035A

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 9071442							
A9G0977-09	Soil	NWTPH-Gx (MS)	07/30/19 16:05	07/30/19 16:05	5.28g/5mL	5g/5mL	0.95
A9G0977-11	Soil	NWTPH-Gx (MS)	07/31/19 11:40	07/31/19 11:40	5.2g/5mL	5g/5mL	0.96

Volatile Organic Compounds by EPA 5035A/8260C

Prep: EPA 5035A

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 9071442							
A9G0977-09	Soil	5035A/8260C	07/30/19 16:05	07/30/19 16:05	5.28g/5mL	5g/5mL	0.95
A9G0977-11	Soil	5035A/8260C	07/31/19 11:40	07/31/19 11:40	5.2g/5mL	5g/5mL	0.96

Polychlorinated Biphenyls by EPA 8082A

Prep: EPA 3546

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 9071446							
A9G0977-09	Soil	EPA 8082A	07/30/19 16:05	07/31/19 16:47	11.58g/5mL	10g/5mL	0.86
A9G0977-11	Soil	EPA 8082A	07/31/19 11:40	07/31/19 16:47	10.89g/5mL	10g/5mL	0.92

Polyaromatic Hydrocarbons (PAHs) by EPA 8270D SIM

Prep: EPA 3546

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 9071469							
A9G0977-09	Soil	EPA 8270D (SIM)	07/30/19 16:05	07/31/19 16:46	10.9g/5mL	10g/5mL	0.92
A9G0977-11	Soil	EPA 8270D (SIM)	07/31/19 11:40	07/31/19 16:46	11.4g/5mL	10g/5mL	0.88

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9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0977 - 08 09 19 1636**

SAMPLE PREPARATION INFORMATION

Total Metals by EPA 6020A (ICPMS)

Prep: EPA 3051A

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 9080515							
A9G0977-01	Soil	EPA 6020A	07/30/19 13:35	08/01/19 07:44	0.489g/50mL	0.5g/50mL	1.02
A9G0977-02	Soil	EPA 6020A	07/30/19 14:12	08/01/19 07:44	0.464g/50mL	0.5g/50mL	1.08
A9G0977-03	Soil	EPA 6020A	07/30/19 14:15	08/01/19 07:44	0.472g/50mL	0.5g/50mL	1.06
A9G0977-04	Soil	EPA 6020A	07/30/19 14:40	08/01/19 07:44	0.518g/50mL	0.5g/50mL	0.97
A9G0977-05	Soil	EPA 6020A	07/30/19 14:45	08/01/19 07:44	0.503g/50mL	0.5g/50mL	0.99
A9G0977-06	Soil	EPA 6020A	07/30/19 15:05	08/01/19 07:44	0.468g/50mL	0.5g/50mL	1.07
A9G0977-07	Soil	EPA 6020A	07/30/19 15:10	08/01/19 07:44	0.481g/50mL	0.5g/50mL	1.04
A9G0977-08	Soil	EPA 6020A	07/30/19 15:40	08/01/19 07:44	0.458g/50mL	0.5g/50mL	1.09
A9G0977-09	Soil	EPA 6020A	07/30/19 16:05	08/01/19 07:44	0.517g/50mL	0.5g/50mL	0.97
A9G0977-10	Soil	EPA 6020A	07/31/19 11:00	08/01/19 07:44	0.461g/50mL	0.5g/50mL	1.08
A9G0977-11	Soil	EPA 6020A	07/31/19 11:40	08/01/19 07:44	0.46g/50mL	0.5g/50mL	1.09
A9G0977-12	Soil	EPA 6020A	07/31/19 12:00	08/01/19 07:44	0.519g/50mL	0.5g/50mL	0.96
A9G0977-13	Soil	EPA 6020A	07/31/19 12:15	08/01/19 07:44	0.498g/50mL	0.5g/50mL	1.00
A9G0977-14	Soil	EPA 6020A	07/31/19 13:15	08/01/19 07:44	0.48g/50mL	0.5g/50mL	1.04
A9G0977-15	Soil	EPA 6020A	07/31/19 13:45	08/01/19 07:44	0.491g/50mL	0.5g/50mL	1.02
A9G0977-16	Soil	EPA 6020A	07/31/19 13:50	08/01/19 07:44	0.47g/50mL	0.5g/50mL	1.06
A9G0977-17	Soil	EPA 6020A	07/31/19 14:30	08/01/19 07:44	0.498g/50mL	0.5g/50mL	1.00
A9G0977-18	Soil	EPA 6020A	07/31/19 14:35	08/01/19 07:44	0.493g/50mL	0.5g/50mL	1.01

TCLP Metals by EPA 6020A (ICPMS)

Prep: EPA 1311/3015

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 9080725							
A9G0977-06RE1	Soil	1311/6020A	07/30/19 15:05	08/07/19 13:53	10mL/50mL	10mL/50mL	1.00
A9G0977-11RE1	Soil	1311/6020A	07/31/19 11:40	08/07/19 13:53	10mL/50mL	10mL/50mL	1.00
A9G0977-12RE1	Soil	1311/6020A	07/31/19 12:00	08/07/19 13:53	10mL/50mL	10mL/50mL	1.00

Percent Dry Weight

Prep: Total Solids (Dry Weight)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 9071435							
A9G0977-01	Soil	EPA 8000C	07/30/19 13:35	07/31/19 19:35			NA
A9G0977-02	Soil	EPA 8000C	07/30/19 14:12	07/31/19 19:35			NA
A9G0977-03	Soil	EPA 8000C	07/30/19 14:15	07/31/19 19:35			NA

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9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0977 - 08 09 19 1636**

SAMPLE PREPARATION INFORMATION

Percent Dry Weight

Prep: Total Solids (Dry Weight)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
A9G0977-04	Soil	EPA 8000C	07/30/19 14:40	07/31/19 19:35			NA
A9G0977-05	Soil	EPA 8000C	07/30/19 14:45	07/31/19 19:35			NA
A9G0977-06	Soil	EPA 8000C	07/30/19 15:05	07/31/19 19:35			NA
A9G0977-07	Soil	EPA 8000C	07/30/19 15:10	07/31/19 19:35			NA
A9G0977-08	Soil	EPA 8000C	07/30/19 15:40	07/31/19 19:35			NA
A9G0977-09	Soil	EPA 8000C	07/30/19 16:05	07/31/19 19:35			NA
A9G0977-10	Soil	EPA 8000C	07/31/19 11:00	07/31/19 19:35			NA
A9G0977-11	Soil	EPA 8000C	07/31/19 11:40	07/31/19 19:35			NA
A9G0977-12	Soil	EPA 8000C	07/31/19 12:00	07/31/19 19:35			NA
A9G0977-13	Soil	EPA 8000C	07/31/19 12:15	07/31/19 19:35			NA
A9G0977-14	Soil	EPA 8000C	07/31/19 13:15	07/31/19 19:35			NA
A9G0977-15	Soil	EPA 8000C	07/31/19 13:45	07/31/19 19:35			NA
A9G0977-16	Soil	EPA 8000C	07/31/19 13:50	07/31/19 19:35			NA
A9G0977-17	Soil	EPA 8000C	07/31/19 14:30	07/31/19 19:35			NA
A9G0977-18	Soil	EPA 8000C	07/31/19 14:35	07/31/19 19:35			NA

TCLP Extraction by EPA 1311

Prep: EPA 1311 (TCLP)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 9080616							
A9G0977-06	Soil	EPA 1311	07/30/19 15:05	08/05/19 16:25	100g/2000mL	100g/100mL	NA
A9G0977-11	Soil	EPA 1311	07/31/19 11:40	08/05/19 16:25	68g/1360mL	100g/100mL	NA
A9G0977-12	Soil	EPA 1311	07/31/19 12:00	08/05/19 16:25	100g/2000mL	100g/100mL	NA

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9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0977 - 08 09 19 1636**

QUALIFIER DEFINITIONS

Client Sample and Quality Control (QC) Sample Qualifier Definitions:

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A-01	Reporting limit raised due to possible lab contamination.
B-02	Analyte detected in an associated blank at a level between one-half the MRL and the MRL. (See Notes and Conventions below.)
C-07	Extract has undergone Sulfuric Acid Cleanup by EPA 3665A, Sulfur Cleanup by EPA 3660B, and Florisil Cleanup by EPA 3620B in order to minimize matrix interference.
F-13	The chromatographic pattern does not resemble the fuel standard used for quantitation
M-05	Estimated results. Peak separation for structural isomers is insufficient for accurate quantification.
P-09	Due to weathering and/or the presence of an unknown mixture of PCB Congeners, the pattern does not match the standard used for calibration. Results are Estimated and based on the closest matching Aroclor.
Q-01	Spike recovery and/or RPD is outside acceptance limits.
Q-05	Analyses are not controlled on RPD values from sample and duplicate concentrations that are below 5 times the reporting level.
Q-42	Matrix Spike and/or Duplicate analysis was performed on this sample. % Recovery or RPD for this analyte is outside laboratory control limits. (Refer to the QC Section of Analytical Report.)
Q-54	Daily Continuing Calibration Verification recovery for this analyte failed the +/-20% criteria listed in EPA method 8260C/8270D by +2.3%. The results are reported as Estimated Values.
Q-54a	Daily Continuing Calibration Verification recovery for this analyte failed the +/-20% criteria listed in EPA method 8260C/8270D by +47.4%. The results are reported as Estimated Values.
Q-54b	Daily Continuing Calibration Verification recovery for this analyte failed the +/-20% criteria listed in EPA method 8260C/8270D by +6.3%. The results are reported as Estimated Values.
Q-54c	Daily Continuing Calibration Verification recovery for this analyte failed the +/-20% criteria listed in EPA method 8260C/8270D by -2.4%. The results are reported as Estimated Values.
Q-55	Daily CCV/LCS recovery for this analyte was below the +/-20% criteria listed in EPA 8260C, however there is adequate sensitivity to ensure detection at the reporting level.
Q-56	Daily CCV/LCS recovery for this analyte was above the +/-20% criteria listed in EPA 8260C
S-01	Surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference.
S-05	Surrogate recovery is estimated due to sample dilution required for high analyte concentration and/or matrix interference.
TCLP	This batch QC sample was prepared with TCLP or SPLP fluid from preparation batch 9080616.
TCLPa	Limited sample volume. Leachate was prepared using less than the recommended amount of sample per EPA 1311 or 1312. To maintain consistency in leaching, the standard ratio of sample to leachate fluid was maintained.
TEMP	Sample(s) received outside of recommended temperature. See Case Narrative.
V-15	Sample aliquot was subsampled from the sample container. The subsampled aliquot was preserved in the laboratory within 48 hours of sampling.

Apex Laboratories

Philip Nerenberg, Lab Director

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Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
EPA ID: OR01039

GeoDesign, Inc.	Project:	**Mill Creek-19-01-03**	
9450 SW Commerce Circle	Project Number:	**[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager:	**Kyle Sattler**	**A9G0977 - 08 09 19 1636**

Apex Laboratories

Philip Nerenberg, Lab Director

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REPORTING NOTES AND CONVENTIONS:

Abbreviations:

DET Analyte DETECTED at or above the detection or reporting limit.

ND Analyte NOT DETECTED at or above the detection or reporting limit.

NR Result Not Reported

RPD Relative Percent Difference. RPDs for Matrix Spikes and Matrix Spike Duplicates are based on concentration, not recovery.

Detection Limits: Limit of Detection (LOD)

Limits of Detection (LODs) are normally set at a level of one half the validated Limit of Quantitation (LOQ).
If no value is listed ('-----'), then the data has not been evaluated below the Reporting Limit.

Reporting Limits: Limit of Quantitation (LOQ)

Validated Limits of Quantitation (LOQs) are reported as the Reporting Limits for all analyses where the LOQ, MRL, PQL or CRL are requested. The LOQ represents a level at or above the low point of the calibration curve, that has been validated according to Apex Laboratories' comprehensive LOQ policies and procedures.

Reporting Conventions:

Basis: Results for soil samples are generally reported on a 100% dry weight basis.
The Result Basis is listed following the units as " dry", " wet", or " " (blank) designation.

" dry" Sample results and Reporting Limits are reported on a dry weight basis. (i.e. "ug/kg dry")
See Percent Solids section for details of dry weight analysis.

" wet" Sample results and Reporting Limits for this analysis are normally dry weight corrected, but have not been modified in this case.

" " Results without 'wet' or 'dry' designation are not normally dry weight corrected. These results are considered 'As Received'.

QC Source:

In cases where there is insufficient sample provided for Sample Duplicates and/or Matrix Spikes, a Lab Control Sample Duplicate (LCS Dup) may be analyzed to demonstrate accuracy and precision of the extraction batch.

Non-Client Batch QC Samples (Duplicates and Matrix Spike/Duplicates) may not be included in this report. Please request a Full QC report if this data is required.

Miscellaneous Notes:

" --- " QC results are not applicable. For example, % Recoveries for Blanks and Duplicates, % RPD for Blanks, Blank Spikes and Matrix Spikes, etc.

" *** " Used to indicate a possible discrepancy with the Sample and Sample Duplicate results when the %RPD is not available. In this case, either the Sample or the Sample Duplicate has a reportable result for this analyte, while the other is Non Detect (ND).

Blanks:

Standard practice is to evaluate the results from Blank QC Samples down to a level equal to ½ the Reporting Limit (RL).
-For Blank hits falling between ½ the RL and the RL (J flagged hits), the associated sample and QC data will receive a 'B-02' qualifier.
-For Blank hits above the RL, the associated sample and QC data will receive a 'B' qualifier, per Apex Laboratories' Blank Policy.
For further details, please request a copy of this document.

Apex Laboratories

Philip Nerenberg, Lab Director

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REPORTING NOTES AND CONVENTIONS (Cont.):

Blanks (Cont.):

Sample results flagged with a 'B' or 'B-02' qualifier are potentially biased high if the sample results are less than ten times the level found in the blank for inorganic analyses, or less than five times the level found in the blank for organic analyses.

'B' and 'B-02' qualifications are only applied to sample results detected above the Reporting Level.

Preparation Notes:

Mixed Matrix Samples:

Water Samples:

Water samples containing significant amounts of sediment are decanted or separated prior to extraction, and only the water portion analyzed, unless otherwise directed by the client.

Soil and Sediment Samples:

Soil and Sediment samples containing significant amounts of water are decanted prior to extraction, and only the solid portion analyzed, unless otherwise directed by the client.

Sampling and Preservation Notes:

Certain regulatory programs, such as National Pollutant Discharge Elimination System (NPDES), require that activities such as sample filtration (for dissolved metals, orthophosphate, hexavalent chromium, etc.) and testing of short hold analytes (pH, Dissolved Oxygen, etc.) be performed in the field (on-site) within a short time window. In addition, sample matrix spikes are required for some analyses, and sufficient volume must be provided, and billable site specific QC requested, if this is required. All regulatory permits should be reviewed to ensure that these requirements are being met.

Data users should be aware of which regulations pertain to the samples they submit for testing. If related sample collection activities are not approved for a particular regulatory program, results should be considered estimates. Apex Laboratories will qualify these analytes according to the most stringent requirements, however results for samples that are for non-regulatory purposes may be acceptable.

Samples that have been filtered and preserved at Apex Laboratories per client request are listed in the preparation section of the report with the date and time of filtration listed.

Apex Laboratories maintains detailed records on sample receipt, including client label verification, cooler temperature, sample preservation, hold time compliance and field filtration. Data is qualified as necessary, and the lack of qualification indicates compliance with required parameters.

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9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0977 - 08 09 19 1636**

LABORATORY ACCREDITATION INFORMATION

TNI Certification ID: OR100062 (Primary Accreditation) - EPA ID: OR01039

All methods and analytes reported from work performed at Apex Laboratories are included on Apex Laboratories' ORELAP Scope of Certification, with the exception of any analyte(s) listed below:

Apex Laboratories

Matrix	Analysis	TNI_ID	Analyte	TNI_ID	Accreditation

All reported analytes are included in Apex Laboratories' current ORELAP scope.

Secondary Accreditations

Apex Laboratories also maintains reciprocal accreditation with non-TNI states (Washington DOE), as well as other state specific accreditations not listed here.

Subcontract Laboratory Accreditations

Subcontracted data falls outside of Apex Laboratories' Scope of Accreditation.
Please see the Subcontract Laboratory report for full details, or contact your Project Manager for more information.

Field Testing Parameters

Results for Field Tested data are provded by the client or sampler, and fall outside of Apex Laboratories' Scope of Accreditation.

Apex Laboratories

Philip Nerenberg, Lab Director

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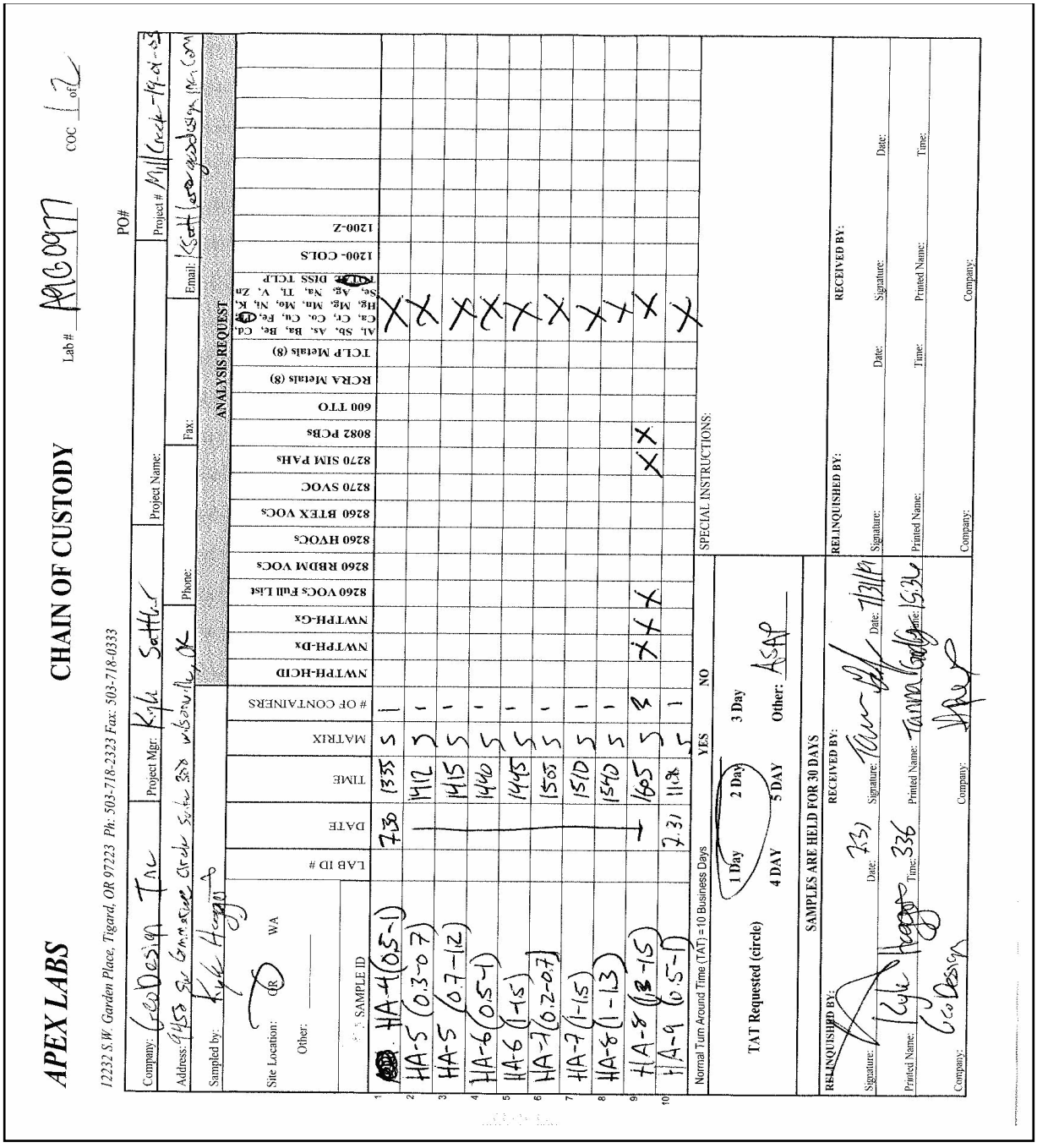
9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0977 - 08 09 19 1636**



APEX LABS

CHAIN OF CUSTODY

Lab # A9G0977

COC 1 of 2

12232 S.W. Garden Place, Tigard, OR 97223 Ph: 503-718-2323 Fax: 503-718-0333

PO#

Company: GeoDesign Inc | Project Mgr: Kyle Sattler | Project Name: | Project # Mill Creek-19-01-03

Address: 9450 SW Commerce Circle Suite 320 Wilsonville, OR | Phone: | Fax: | Email: ksattler@geodesign.net

Sampled by: Kyle Haggart

Site Location: OR WA

Other:

#	SAMPLE ID	LAB ID #	DATE	TIME	MATRIX	# OF CONTAINERS	NWTPH-HCID	NWTPH-Dx	NWTPH-Gx	8260 VOCs Full List	8260 RBDM VOCs	8260 HVOCs	8260 BTEX VOCs	8270 SVOC	8270 SIM PAHs	8082 PCBs	600 TTO	RCRA Metals (8)	TCLP Metals (8)	Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Hg, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Tl, V, Zn	TCLP DISS TCLP	1200- COLS	1200-Z
1	HA-4 (0.5-1)		7/30	1335	S	1														X		
2	HA-5 (0.3-0.7)			1412	S	1																
3	HA-5 (0.7-1.2)			1415	S	1																
4	HA-6 (0.5-1)			1440	S	1																
5	HA-6 (1-1.5)			1445	S	1																
6	HA-7 (0.2-0.7)			1505	S	1																
7	HA-7 (1-1.5)			1510	S	1																
8	HA-8 (1-1.3)			1540	S	1																
9	HA-8 (1.3-1.5)			1605	S	2		X	X						X	X						
10	HA-9 (0.5-1)		7/31	1128	S	1														X		

Normal Turn Around Time (TAT) = 10 Business Days — YES — NO

SPECIAL INSTRUCTIONS:

TAT Requested (circle): 1 Day | 2 Day | 3 Day | 4 DAY | 5 DAY | Other: ASAP

SAMPLES ARE HELD FOR 30 DAYS

RELINQUISHED BY: Signature: Kyle Haggart Date: 7/31 Time: 336 Printed Name: Kyle Haggart Company: GeoDesign

RECEIVED BY: Signature: [illegible] Date: 7/31/19 Printed Name: Tanna Goldberg Time: 1636 Company: APEX

RELINQUISHED BY: Signature: Date: Time: Printed Name: Company:

RECEIVED BY: Signature: Date: Time: Printed Name: Company:

Apex Laboratories

Philip Nerenberg

Philip Nerenberg, Lab Director

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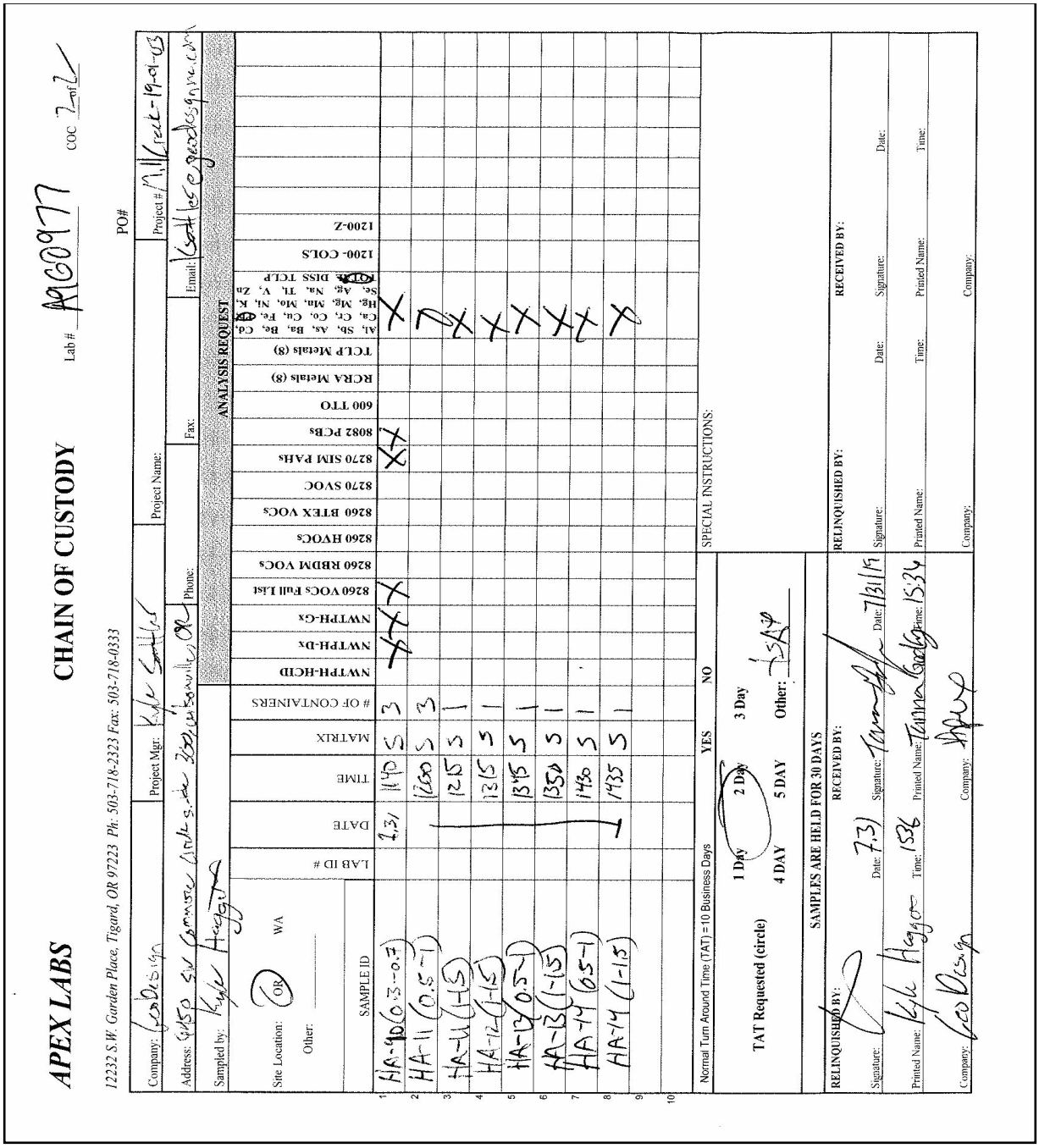
GeoDesign, Inc.	Project: **Mill Creek-19-01-03**	
9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	**A9G0977 - 08 09 19 1636**



APEX LABS

CHAIN OF CUSTODY

Lab # A9G0977

COC 2 of 2

12232 S.W. Garden Place, Tigard, OR 97223 Ph: 503-718-2323 Fax: 503-718-0333

PO#

Company: GeoDesign Project Mgr: Kyle Sattler Project Name: Project #: Mill Creek-19-01-03

Address: 9450 SW Commerce Circle Suite 3, Wilsonville, OR Phone: Fax: Email: ksattler@geodesignnw.com

Sampled by: Kyle Haggot

Site Location: OR WA

Other: _____

ANALYSIS REQUEST

	SAMPLE ID	LAB ID #	DATE	TIME	MATRIX	# OF CONTAINERS	NWTPH-HCID	NWTPH-Dx	NWTPH-Gx	8260 VOCs Full List	8260 RBDM VOCs	8260 HVOCs	8260 BTEX VOCs	8270 SVOC	8270 SIM PAHs	8082 PCBs	600 TTO	RCRA Metals (8)	TCLP Metals (8)	Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Tl, V, Zn	TCLP DISS TCLP	1200-COLS	1200-Z
1	HA-10 (0.5-0.7)		7.31	1140	S	3		X		X										X		
2	HA-11 (0.5-1)			1200	S	3									X							
3	HA-11 (1-1.5)			1215	S	1														X		
4	HA-12 (1-1.5)			1315	S	1														X		
5	HA-12 (0.5-1)			1345	S	1														X		
6	HA-13 (1-1.5)			1350	S	1														X		
7	HA-14 (0.5-1)			1430	S	1														X		
8	HA-14 (1-1.5)			1435	S	1														X		
9																						
10																						

SPECIAL INSTRUCTIONS:

Normal Turn Around Time (TAT) = 10 Business Days YES NO

TAT Requested (circle)

1 Day 2 Day 3 Day

4 DAY 5 DAY Other: ASAP

SAMPLES ARE HELD FOR 30 DAYS

RELINQUISHED BY: RECEIVED BY:

Signature: Date: 7/31/19

Printed Name: Time:

Company:

RELINQUISHED BY: RECEIVED BY:

Signature: Date: 7/31/19

Printed Name: Time: 1538

Company:

RELINQUISHED BY: RECEIVED BY:

Signature: Date: 7/31/19

Printed Name: Time: 1534

Company:

RELINQUISHED BY: RECEIVED BY:

Signature: Date:

Printed Name: Time:

Company:

Apex Laboratories

Philip Nerenberg

Philip Nerenberg, Lab Director

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EPA ID: OR01039

GeoDesign, Inc.	Project: **Mill Creek-19-01-03**	
9450 SW Commerce Circle	Project Number: **[none]**	**Report ID:**
Wilsonville, OR 97070	Project Manager: **Kyle Sattler**	A9G0977 - 08 09 19 1636

APEX LABS COOLER RECEIPT FORM

Client: Geodesign Inc Element WO#: A9 G0977

Project/Project #: Mill Creek-19-01-03

Delivery Info:

Date/time received: 7/31/19 @ 15:36 By: TAC

Delivered by: Apex ___ Client X ESS ___ FedEx ___ UPS ___ Swift ___ Senvoy ___ SDS ___ Other ___

Cooler Inspection Date/time inspected: 7/31/19 @ 15:36 By: TAC 7/31/19 TAC

Chain of Custody included? Yes X No ___ Custody seals? Yes ___ No X

Signed/dated by client? Yes X No ___

Signed/dated by Apex? Yes X No ___

	Cooler #1	Cooler #2	Cooler #3	Cooler #4	Cooler #5	Cooler #6	Cooler #7
Temperature (°C)	2.7						
Received on ice? (Y/N)	Y						
Temp. blanks? (Y/N)	N						
Ice type: (Gel/Real/Other)	Real						
Condition:	good						

Cooler out of temp? (Y/N) Possible reason why: ___

If some coolers are in temp and some out, were green dots applied to out of temperature samples? Yes/No/NA

Out of temperature samples form initiated? Yes/No/NA

Samples Inspection: Date/time inspected: 7/31/19 @ 1610 By: CB

All samples intact? Yes X No ___ Comments: ___

Bottle labels/COCs agree? Yes X No ___ Comments: ___

COC/container discrepancies form initiated? Yes ___ No ___ NA X

Containers/volumes received appropriate for analysis? Yes X No ___ Comments: ___

Do VOA vials have visible headspace? Yes ___ No ___ NA X

Comments ___

Water samples: pH checked: Yes ___ No ___ NA X pH appropriate? Yes ___ No ___ NA X

Comments: ___

Additional information: ___

Labeled by: CB Witness: AHK Cooler Inspected by: CB See Project Contact Form: Y

APPENDIX E

UCL Statistics for Data Sets with Non-Detects

User Selected Options	
Date/Time of Computation	ProUCL 5.16/7/2019 11:30:43 AM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	90%
Number of Bootstrap Operations	2000

Arsenic

General Statistics

Total Number of Observations	40	Number of Distinct Observations	38
Number of Detects	39	Number of Non-Detects	1
Number of Distinct Detects	37	Number of Distinct Non-Detects	1
Minimum Detect	3.32	Minimum Non-Detect	1.1
Maximum Detect	13	Maximum Non-Detect	1.1
Variance Detects	9.664	Percent Non-Detects	2.5%
Mean Detects	7.447	SD Detects	3.109
Median Detects	6.21	CV Detects	0.417
Skewness Detects	0.353	Kurtosis Detects	-1.417
Mean of Logged Detects	1.92	SD of Logged Detects	0.429

Gamma Kaplan-Meier (KM) Statistics

Approximate Chi Square Value (388.13, α)	352.9	Adjusted Chi Square Value (388.13, β)	351.9
90% Gamma Approximate KM-UCL (use when n>=50)	8.016	90% Gamma Adjusted KM-UCL (use when n<50)	8.039

Suggested UCL to Use

Based on the ProUCL 95% UCL analysis, the Gamma KM Adjusted Gamma UCL was recommended based on data size, data distribution, and skewness.

Cadmium

General Statistics

Total Number of Observations	40	Number of Distinct Observations	39
Number of Detects	38	Number of Non-Detects	2
Number of Distinct Detects	37	Number of Distinct Non-Detects	2
Minimum Detect	0.318	Minimum Non-Detect	0.22
Maximum Detect	1.08	Maximum Non-Detect	0.899
Variance Detects	0.0394	Percent Non-Detects	5%
Mean Detects	0.721	SD Detects	0.199
Median Detects	0.705	CV Detects	0.275
Skewness Detects	-0.097	Kurtosis Detects	-0.486
Mean of Logged Detects	-0.369	SD of Logged Detects	0.305

Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs

KM Mean	0.706	KM Standard Error of Mean	0.0337
KM SD	0.208	90% KM (BCA) UCL	0.745
90% KM (t) UCL	0.75	90% KM (Percentile Bootstrap) UCL	0.749
90% KM (z) UCL	0.75	90% KM Bootstrap t UCL	0.749
90% KM Chebyshev UCL	0.807	95% KM Chebyshev UCL	0.853
97.5% KM Chebyshev UCL	0.917	99% KM Chebyshev UCL	1.041

Suggested UCL to Use

Based on the ProUCL 95% UCL analysis, the Normal KM Student's-t UCL was recommended based on data size, data distribution, and skewness.

UCL Statistics for Data Sets with Non-Detects

User Selected Options	
Date/Time of Computation	ProUCL 5.18/21/2019 12:05:16 PM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	90%
Number of Bootstrap Operations	2000

Lead

General Statistics

Total Number of Observations	59	Number of Distinct Observations	52
		Number of Missing Observations	0
Minimum	3.06	Mean	12.4
Maximum	28.3	Median	12.8
SD	4.625	Std. Error of Mean	0.602
Coefficient of Variation	0.373	Skewness	0.438

Assuming Normal Distribution

90% Normal UCL		90% UCLs (Adjusted for Skewness)	
90% Student's-t UCL	13.18	90% Adjusted-CLT UCL (Chen-1995)	13.2
		90% Modified-t UCL (Johnson-1978)	13.19

Suggested UCL to Use

Based on the ProUCL 95% UCL analysis, the Normal Student's-t UCL was recommended based on data size, data distribution, and skewness.